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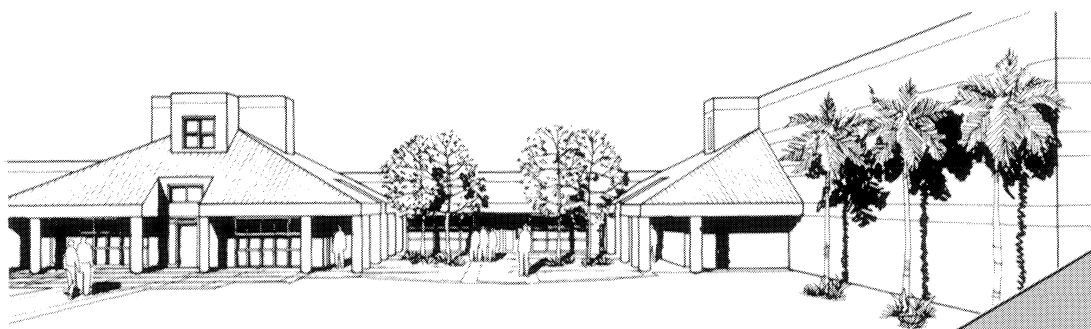


**National Institute  
of Justice**

**American Correctional  
Association**

# National Directory of Corrections Construction

**Second Edition**



110233

Dobbs

Box 1698

**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*

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**U.S. Department of Justice**  
National Institute of Justice  
*Office of Communication and Research Utilization*

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# **National Directory of Corrections Construction**

**Second Edition**

by

**Charles B. DeWitt**

National Institute of Justice

April 1988

**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.

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# Foreword

National Institute of Justice

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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

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# Foreword

## American Correctional Association

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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  
Executive Director  
**American Correctional Association**

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Charles B. DeWitt  
Project Director

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# Contents

---

**Foreword (NIJ)** iii

**Foreword (ACA)** iv

**Acknowledgments** v

**Section I**

- Introduction 3
- Policy research 5
- NIJ survey 7

**Section II**

- How to use this directory 11
- Terms used in this directory 17

**Section III**

- Index by State/county/city 27
- Index by inmate design capacity 33
- Index by category of construction 39
- Index by facility name 47

**Section IV**

Facility profiles:

**Alabama**

- Federal Correctional Institution, Talladega 54
- Jefferson County Jail 56
- West Jefferson Correctional Facility 58

**Alaska**

- Cook Inlet Pre-Trial Facility 60
- Cook Inlet Pre-Trial Facility Phase II 62
- Fairbanks Correctional Center 64
- Hiland Mountain Correctional Center 66
- Mat-su Pre-Trial Facility 68
- Meadow Creek Correctional Center 70
- Palmer Correctional Center Medium Security Facility 72
- Wildwood Correctional Center 74
- Yukon Kuskokwim Correctional Center 76

**Arizona**

- Arizona State Prison—Florence 78
- Arizona State Prison—Perryville 80
- Cochise County Jail 82
- Federal Correctional Institution, Phoenix 84
- Federal Correctional Institution, Tucson 86
- Pima County Adult Detention Center 88
- Pima County Adult Detention Center (Addition) 90
- Pinal Mountain Juvenile Institution 92
- Sacaton Juvenile Rehabilitation Center 94

**Arkansas**

- Clark County Detention Facility 96
- Cummins Unit—Medium Security 98
- Garland County Detention Facility 100

- Maximum Security Unit, Tucker Unit 102
- Saline County Detention Facility 104

**California**

- Alameda County North County Jail 106
- California Correctional Institution 108
- California Medical Facility—South 110
- California State Prison—Sacramento County/Folsom 112
- Contra Costa County Detention Facility 114
- Elmwood—Barracks 24 116
- Foothill Communities Law & Justice Center 118
- Kings County Branch Jail 120
- Lacy Security Facility 122
- Nevada County Detention Center 124
- Orange County Sheriff's Intake Release Center 126
- Placer County Jail 128
- Plumas County Sheriff's Department & Detention Facility 130
- Pre-Trial Detention Facility 132
- Richard J. Donovan Correctional Facility at Rock Mountain 134
- San Joaquin County Honor Farm Women's Minimum Security Facility 136
- Santa Barbara County Main Jail 138
- Santa Cruz County Jail (Phase I) 140
- Sequoia Field Detention Facility 142
- Shasta County Justice Center 144
- Sonoma North County Detention Facility 146
- Stanislaus County Jail 148
- Sunnyvale Public Safety Temporary Holding Facility 150
- Torrance Police Department 152
- Tuolumne County Jail 154
- Yuba County Jail 156

**Colorado**

- Adams County Detention Facility 158
- Alamosa County Law Enforcement Center 160
- Arkansas Valley Correctional Facility 162
- Delta County Criminal Justice Facility 164
- Garfield County Jail 166
- Pitkin County Jail 168
- Summit County Justice Center 170

**Connecticut**

- Bridgeport Correctional Center: Modular Units 172
- J. Bernard Gates Correctional Unit 174

**Delaware**

- Delaware Correctional Center (Maximum Security) 176

**Florida**

- Alachua County Corrections Facility 178
- Federal Correctional Institution, Tallahassee 180

---

## Contents (continued)

---

- Leon County Jail 182  
Leon County Justice Complex 184  
Marion County Detention Center 186  
Martin Correctional Institution 188  
Pinellas County Jail—Medium Security Facility 190  
Santa Rosa County Jail 192  
Seminole County Correctional Facility 194  
South Florida Reception Center 196  
Union Correctional Institution 198
- Georgia  
Clarke County Correctional Institution 200  
Dooly County Jail 202  
Richmond County Law Enforcement and Justice Center 204
- Hawaii  
Maui Community Correctional Center 206
- Illinois  
Centralia Correctional Center 208  
Cook County Medical and Psychiatric Facility—RTU Building 210  
Danville Correctional Center 212  
Dixon Correctional Center 214  
Douglas County Jail 216  
DuPage County Jail and Sheriff's Department 218  
Dwight Correctional Center (1979 Addition) 220  
Dwight Correctional Center (1984 Addition) 222  
East Moline Correctional Center 224  
Graham Correctional Center 226  
Illinois Youth Center—Kankakee (Dining Facility) 228  
Illinois Youth Center—Kankakee (Housing Unit) 230  
Peoria County Adult Detention and Work Release Facility 232  
Rock Island County Jail 234  
Shawnee Correctional Center 236  
Sheridan Correctional Center (Kitchen/Dining Facility) 238  
Sheridan Correctional Center (Medical/Security Services) 240
- Indiana  
Marion County Jail 242
- Iowa  
Polk County Jail 244  
Woodbury Law Enforcement Center 246
- Kansas  
Johnson County Juvenile Hall 248  
Kansas State Penitentiary (Phase One) 250  
Shawnee County Department of Corrections 252
- Kentucky  
Federal Correctional Institution, Ashland 254  
Knox County Jail 256
- Louisiana  
Dixon Correctional Institute 258  
Federal Detention Center, Oakdale 260  
Feliciana Forensic Facility 262  
Hunt Correctional Center 264  
Louisiana Correctional Institute for Women 266  
Washington Correctional Institute 268
- Maine  
Franklin County Detention/Law Enforcement Facility 270
- Maryland  
Baltimore City Correctional Center 272  
Baltimore City Jail 274  
Eastern Correctional Institution 276  
Montgomery County Detention Center 278  
Prince George's County Correctional Center 280  
Somerset County Detention Center 282  
Washington County Detention Center 284
- Massachusetts  
Longwood Treatment Center 286  
Massachusetts Correctional Institution Norfolk 288
- Michigan  
Correction Camp Cusino 290  
Grand Traverse County Correctional Facility 292  
Macomb County Jail 294  
State Prison of Southern Michigan 296
- Minnesota  
Hennepin County Juvenile Detention Center 298  
Minnesota Supervised Living Facility 300
- Mississippi  
Jackson County Adult Detention Center 302  
Mississippi State Penitentiary—Unit 29 304  
Tunica County Jail and Sheriff's Department 306
- Missouri  
Clay County Detention Center 308  
Farmington Correctional Center 310  
Fulton Reception and Diagnostic Center, Phase I 312  
Jackson County Detention Center 314  
Missouri Eastern Correctional Center 316
- Montana  
Chouteau County Law Enforcement Facility 318  
Jefferson County Criminal Justice Center 320  
Lewis and Clark County Criminal Justice Facility 322  
Pondera County Jail 324  
Yellowstone County Detention Facility 326
- Nebraska  
Dodge County Judicial Center 328  
Douglas County Correctional Center 330  
Nebraska State Penitentiary 332
-

---

## Contents (continued)

---

- Nevada  
Clark County Detention Center 334
- New Jersey  
Camden County Correctional Facility 336  
Gerald L. Gormley Justice Facility 338  
Middlesex County Correctional Facility 340  
Ocean County Justice Complex 342  
Southern State Correctional Facility: Modular Units (Phase I and II) 344  
Trenton State Prison 346  
Warren County Correctional Center 348
- New Mexico  
Bernalillo County Detention Center (South Tower) 350  
Central New Mexico Correctional Facility 352  
Penitentiary of New Mexico 354  
Southern New Mexico Correctional Facility 356  
Western New Mexico Correctional Facility 358  
Youth Diagnostic and Development Center 360  
Youth Diagnostic and Development Center—Phase III 362
- New York  
Brooklyn Correctional Facility 364  
Elmira Correctional & Reception Center Food Service & Dining Facility 366  
Erie County Correctional Facility 368  
Erie County Holding Center 370  
Federal Correctional Institution, Otisville 372  
Federal Correctional Institution, Ray Brook 374  
Kirby Forensic Psychiatric Center 376  
Masten Park Secure Center 378  
North Facility 380  
Rikers Island: Modular Units 382
- North Carolina  
Craven County Law Enforcement Center 384  
Eastern Correctional Center 386  
North Carolina Central Prison 388  
Southern Correctional Center 390
- Ohio  
Ashtabula County Justice Center 392  
Clermont County Jail 394  
Hamilton County Justice Complex 396  
Logan County Jail and Office Complex 398  
Madison Correctional Institution 400  
Ohio Reformatory for Women 402  
Ottawa County Detention Facility 404  
Ross Correctional Institution 406  
Wayne County Justice Center 408
- Oklahoma  
Cleveland County Detention Center 410  
Kay County Detention Facility 412  
Lexington Assessment & Reception Center (Addition) 414
- Lexington Assessment & Reception Center, Phase I and II 416  
Mabel Bassett Correctional Center 418  
Muskogee County/City Detention Facility 420  
Oklahoma State Penitentiary 422  
Ouachita Correctional Center 424
- Oregon  
Jackson County Jail 426  
Justice Center 428
- Pennsylvania  
Allegheny County Jail Annex 430  
Blair County Prison 432  
Lycoming County Prison 434  
Philadelphia Industrial Correctional Center 436  
Schuylkill County Prison 438  
State Correctional Institution at Smithfield 440  
State Regional Correctional Facility at Mercer 442  
Warren County Jail 444  
Wyoming County Jail 446
- South Carolina  
Clemson Police Department 448  
Gilliam Psychiatric Center 450  
Lieber Correctional Institution 452  
Myrtle Beach Law Enforcement Center 454
- Tennessee  
Nashville Community Service Center 456  
Shelby County Justice Center 458
- Texas  
Austin County Jail 460  
Beto I Unit 462  
Beto II Unit 464  
Bexar County Juvenile Center 466  
Brazoria County Sheriff's Department Detention Center II 468  
Cameron County Detention Center 470  
Chambers County Law Enforcement Center 472  
Coffield Unit 474  
Comal County Jail 476  
Darrington Unit 478  
Diagnostic Unit 480  
Ellis II Unit (Phase I and II) 482  
Fayette County Detention Center 484  
Federal Correctional Institution, Bastrop 486  
Ferguson Unit 488  
Fort Bend County Jail 490  
Fort Bend County Jail (Expansion) 492  
Freeport Police and Courts Building 494  
Harris County Juvenile Detention Home 496  
Hidalgo County Jail 498  
Hunt County Criminal Justice Center 500  
Jester Unit Number 3 502  
Katy Police Department 504

---

## Contents (continued)

---

Lew Sterrett Justice Center	506	Pittsylvania County Jail	550
Liberty County Jail	508	Roanoke City Jail	552
Missouri City Police Department	510	Washington	
Mountain View Unit	512	Benton County Justice Center	554
Orange County Jail	514	Forks City Jail	556
Pearland Public Safety Building	516	Jefferson County Correctional Facility	558
San Patricio County Sheriff's Department	518	Thurston County Corrections Facility	560
Smith County Jail	520	Twin Rivers Corrections Center	562
Starr County Jail	522	Washington Corrections Center Intensive Management Unit	564
TDC Hospital at Galveston	524	Whitman County Correctional Facility	566
Victoria County Jail	526	West Virginia	
Wallace Pack Unit I	528	Ohio County Correctional Center	568
Wallace Pack Unit II	530	Wisconsin	
Westside Police Area Command Station	532	Burnett County Government Center	570
Utah		Columbia Correctional Institution	572
Orange Street Community Correctional Center	534	Oshkosh Correctional Institution	574
Uintah County Jail	536	Rusk County Law Enforcement Facility	576
Young Adult Correctional Facility	538	<b>Appendix A</b>	
Vermont		ACA standards for adult correctional institutions and local detention facilities	579
Northwest State Correctional Facility	540	<b>Appendix B</b>	
St. Johnsbury Community Correctional Center	542	Reference: Architects and construction managers	589
Virginia			
Alexandria Detention Center	544		
Augusta County Jail	546		
Fairfax County Adult Detention Center and Pre-Release Center	548		

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## **Section I**

Introduction

Policy research

NIJ survey



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# Introduction

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## **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

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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

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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.

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



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## Policy research

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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.<sup>1</sup> 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.<sup>2</sup>

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

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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.

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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.

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## NIJ survey

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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



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# How to use this directory

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## 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 day-rooms 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).

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

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### 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

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

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## 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

1987 Birmingham index factor = 136.1

1979 Birmingham index factor = 101.3

$\frac{136.1}{101.3} \times \$10,069,300 = \$13,528,446$

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

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## 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

1987 Jacksonville index factor = 142.1

1987 Newark index factor = 192.3

$\frac{142.1}{192.3} \times \$28,300,000 = \$20,912,272$

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

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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
<b>Alabama</b>										
Birmingham	93.2	101.3	111.7	118.0	118.5	121.4	129.0	133.9	134.7	136.1
<b>Arizona</b>										
Phoenix	104.2	116.5	136.5	145.0	150.8	153.4	155.6	160.9	159.6	159.4
<b>Arkansas</b>										
Little Rock	87.9	94.9	106.2	113.7	116.9	118.5	124.2	128.7	126.6	124.7
<b>California</b>										
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
<b>Colorado</b>										
Denver	102.5	116.0	130.5	135.5	144.5	151.7	159.3	160.6	154.6	156.2
<b>Connecticut</b>										
Hartford	100.1	108.6	119.0	128.6	133.5	142.9	151.9	162.3	172.7	182.0
<b>District of Columbia</b>	100.4	106.2	118.4	123.8	130.3	138.5	145.3	150.1	159.4	163.1
<b>Florida</b>										
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
<b>Georgia</b>										
Atlanta	90.9	98.6	109.4	113.2	117.2	122.3	129.6	135.0	140.8	142.1
<b>Illinois</b>										
Chicago	102.0	113.7	126.5	134.8	139.4	142.6	151.2	157.4	157.4	164.2
<b>Indiana</b>										
Indianapolis	99.5	109.1	119.2	124.5	126.9	130.0	139.7	143.1	147.1	150.1
<b>Iowa</b>										
Des Moines	97.6	106.6	119.7	122.8	129.0	129.7	135.2	137.0	140.1	139.9
<b>Kansas</b>										
Wichita	93.1	101.0	110.0	116.8	119.8	121.7	130.9	127.5	128.3	132.6
<b>Kentucky</b>										
Louisville	98.7	109.5	116.1	123.0	126.1	124.9	135.7	135.0	135.8	138.7
<b>Louisiana</b>										
New Orleans	94.3	103.5	114.1	119.3	123.0	130.5	140.0	145.7	143.6	142.8
<b>Maryland</b>										
Baltimore	98.1	104.3	114.1	122.6	126.4	132.9	142.5	146.6	155.4	161.0
<b>Massachusetts</b>										
Boston	105.4	111.6	122.1	129.4	140.8	148.5	158.7	168.5	181.3	194.7
<b>Michigan</b>										
Detroit	106.9	116.5	128.0	136.8	142.1	143.7	151.0	154.5	158.6	161.8
<b>Minnesota</b>										
Minneapolis	100.7	111.3	121.4	128.8	136.3	138.6	151.5	154.6	159.5	162.7
<b>Mississippi</b>										
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
<b>Missouri</b>										
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
<b>Montana</b>										
Billings	99.4	109.6	121.6	129.5	136.8	143.8	149.2	149.4	153.3	151.8
<b>Nebraska</b>										
Omaha	97.6	109.9	116.5	125.3	131.1	134.0	138.5	136.2	139.0	143.1
<b>Nevada</b>										
Las Vegas	112.7	125.1	139.6	151.8	155.4	160.4	167.2	174.0	174.1	175.5
<b>New Jersey</b>										
Newark	105.9	116.2	126.0	133.7	139.0	146.6	161.6	173.5	184.3	192.3
<b>New Mexico</b>										
Albuquerque	101.3	109.3	124.9	130.3	136.2	138.8	148.6	151.6	153.9	152.1
<b>New York</b>										
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
<b>North Carolina</b>										
Charlotte	84.0	92.8	100.4	107.4	107.3	113.4	122.2	127.3	130.7	135.2
<b>Ohio</b>										
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
<b>Oklahoma</b>										
Oklahoma City	93.1	102.0	111.7	121.0	126.1	127.6	131.5	139.6	135.0	130.5
<b>Oregon</b>										
Portland	108.5	120.5	133.8	145.1	153.7	154.0	157.8	160.3	161.2	160.3
<b>Pennsylvania</b>										
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
<b>Tennessee</b>										
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
<b>Texas</b>										
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
<b>Utah</b>										
Salt Lake City	101.1	110.8	123.6	129.0	133.0	139.0	148.0	148.1	152.1	149.3
<b>Virginia</b>										
Richmond	93.6	99.7	107.8	117.8	120.6	128.3	133.3	138.0	145.7	146.7
<b>Washington</b>										
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
<b>Wisconsin</b>										
Milwaukee	104.1	115.4	124.9	136.3	140.5	140.7	149.2	152.2	155.7	161.8



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## Terms used in this directory

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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.

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**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.

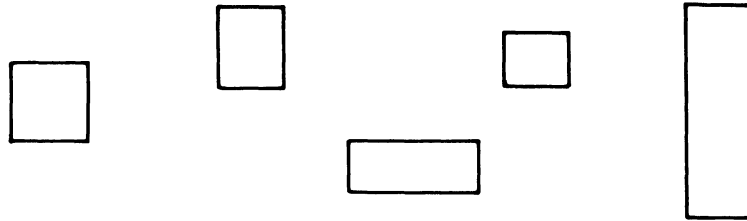
**Total annual operating costs:** the latest fiscal year budget for the facility. For facilities reproduced from

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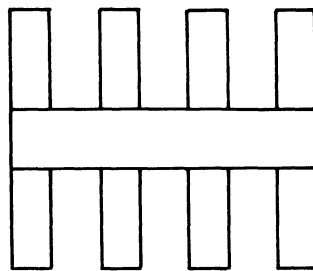
Figure 1  
Building configuration

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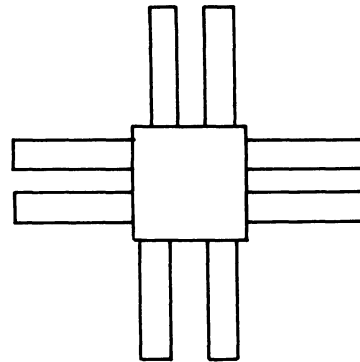
Campus



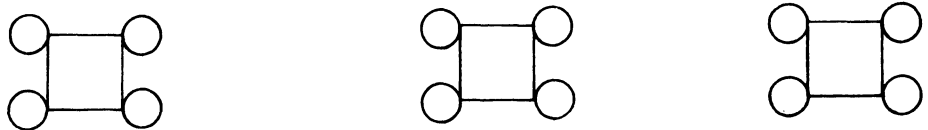
Ladder, telephone pole



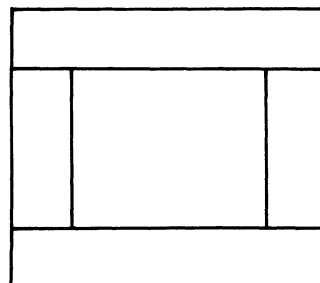
Wheel, spoke, or radial



Clusters



Courtyard



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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



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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.

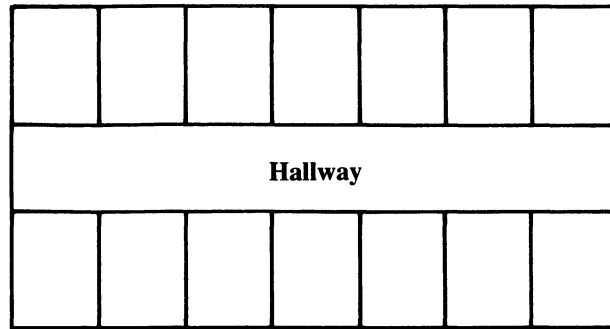
**Inmates per unit:** the number of inmates (design capacity) in a typical block, pod, or module.

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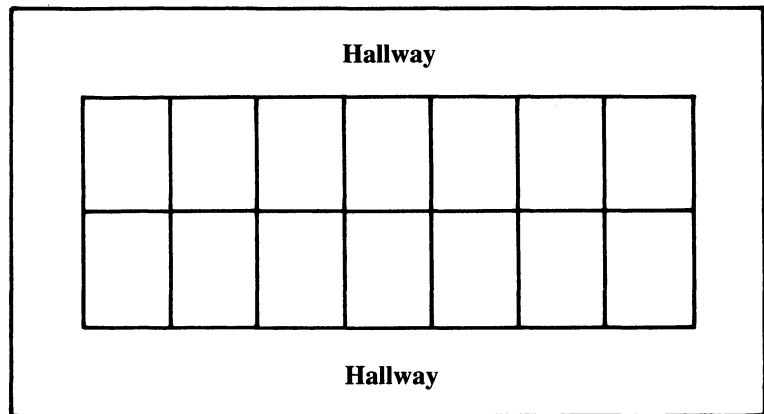
Figure 2  
Design of inmate housing areas

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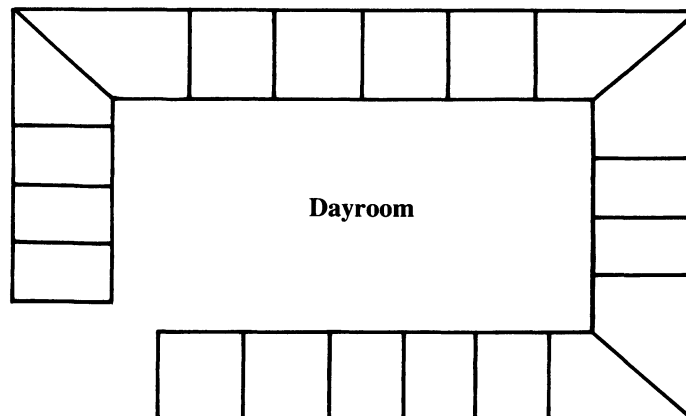
**Linear; cells are on outside walls.**



**Linear; cells are inside.**



**Module/pod type; cells are on outside walls.**



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**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



State	County/City	Facility type	Facility name	Page
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

State	County/City	Facility type	Facility name	Page
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

<b>Inmates</b>	<b>Facility name</b>	<b>County/City</b>	<b>State</b>	<b>Facility type</b>	<b>Page</b>
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

<b>Inmates</b>	<b>Facility name</b>	<b>County/City</b>	<b>State</b>	<b>Facility type</b>	<b>Page</b>
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

<b>Inmates</b>	<b>Facility name</b>	<b>County/City</b>	<b>State</b>	<b>Facility type</b>	<b>Page</b>
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

<b>Inmates</b>	<b>Facility name</b>	<b>County/City</b>	<b>State</b>	<b>Facility type</b>	<b>Page</b>
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



<b>Inmates</b>	<b>Facility name</b>	<b>County/City</b>	<b>State</b>	<b>Facility type</b>	<b>Page</b>
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

<b>Inmates</b>	<b>Facility name</b>	<b>County/City</b>	<b>State</b>	<b>Facility type</b>	<b>Page</b>
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

<b>Category</b>	<b>State</b>	<b>Facility name</b>	<b>Facility type</b>	<b>Page</b>
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

<b>Category</b>	<b>State</b>	<b>Facility name</b>	<b>Facility type</b>	<b>Page</b>
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

<b>Category</b>	<b>State</b>	<b>Facility name</b>	<b>Facility type</b>	<b>Page</b>
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

<b>Category</b>	<b>State</b>	<b>Facility name</b>	<b>Facility type</b>	<b>Page</b>
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

<b>Category</b>	<b>State</b>	<b>Facility name</b>	<b>Facility type</b>	<b>Page</b>
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	Lew 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

<b>Category</b>	<b>State</b>	<b>Facility name</b>	<b>Facility type</b>	<b>Page</b>
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



<b>Category</b>	<b>State</b>	<b>Facility name</b>	<b>Facility type</b>	<b>Page</b>
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



<b>Facility name</b>	<b>State</b>	<b>Facility type</b>	<b>Page</b>
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

<b>Facility name</b>	<b>State</b>	<b>Facility type</b>	<b>Page</b>
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

<b>Facility name</b>	<b>State</b>	<b>Facility type</b>	<b>Page</b>
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

<b>Facility name</b>	<b>State</b>	<b>Facility type</b>	<b>Page</b>
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

<b>Facility name</b>	<b>State</b>	<b>Facility type</b>	<b>Page</b>
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

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<b>Facility name</b>	<b>State</b>	<b>Facility type</b>	<b>Page</b>
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

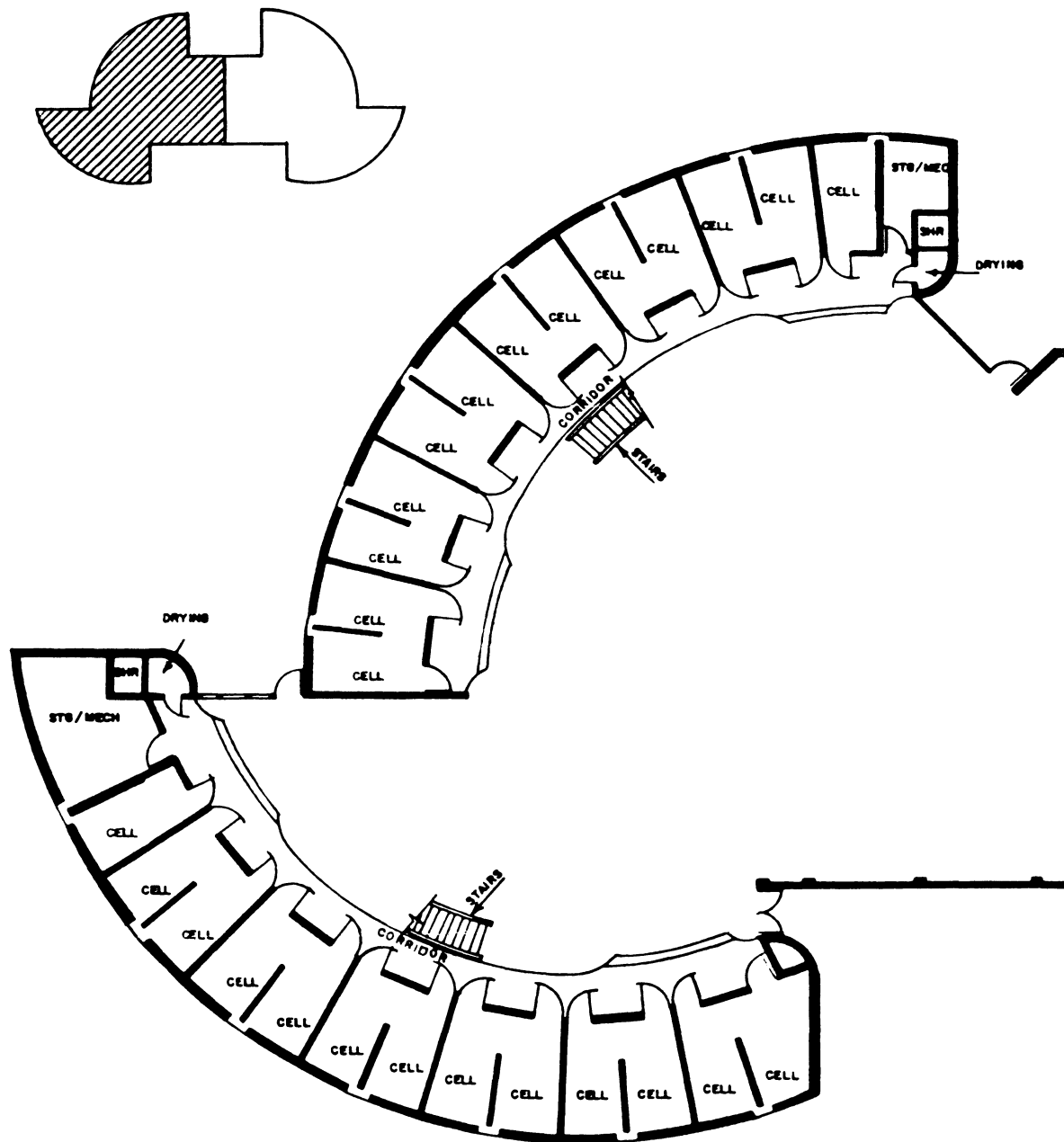
Jurisdiction official: J. Michael Quinlan, Director, Bureau of Prisons

**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><b>Groundbreaking:</b> September 1977  <b>Finish date:</b> September 1979  <b>Construction time:</b> 24 months</p>	<p><b>Design capacity:</b> 324  <b>Total cost:</b> \$10,069,300  <b>Total annual operating costs:</b> \$6,500,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Federal prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; patrols  Inmate security level:  Maximum: 0 (use, 5%)  Medium: 75% (use, 90%)  Minimum: 25% (use, 5%)</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: CMU block  Interior walls: CMU block  Exterior surface/facade: Natural wall, no coating or treatment</p>	<p><b>Construction process</b></p> <p>Finance method: Federal funds  Contract method: Construction management fast track  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 324  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 324  Total: 324</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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  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>

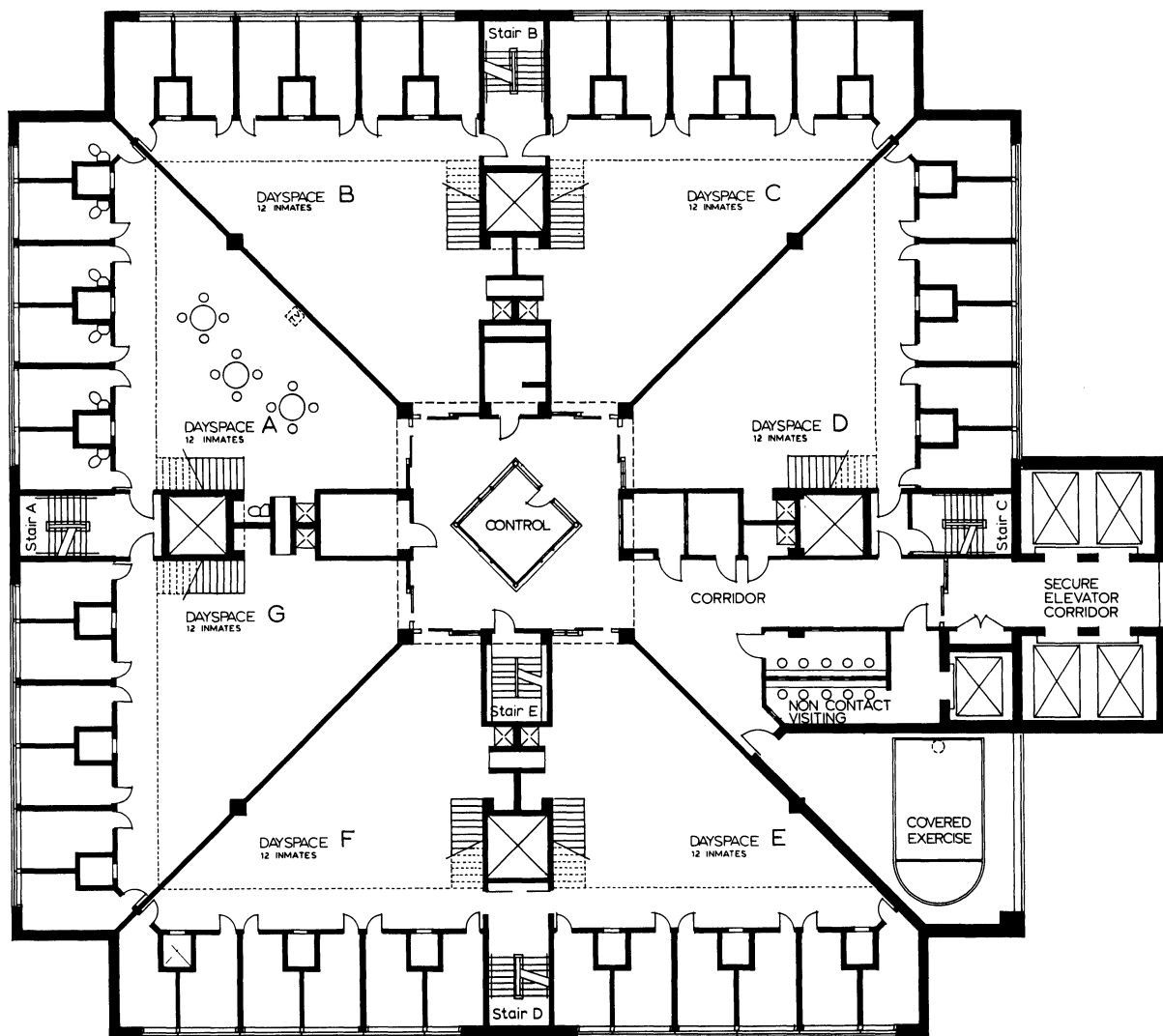


# Jefferson County Jail

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><b>Groundbreaking:</b> January 1982  <b>Finish date:</b> July 1984  <b>Construction time:</b> 31 months</p>	<p><b>Design capacity:</b> 623  <b>Total cost:</b> \$18,200,000  <b>Total annual operating costs:</b> \$4,480,409</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> High rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; alarm/detection systems  Inmate security level:  Maximum: 96%  Medium: 0  Minimum: 4%</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 500  Double occupancy: 0  Dorms: 72  Special housing: 51  General population: 572  Total: 623</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



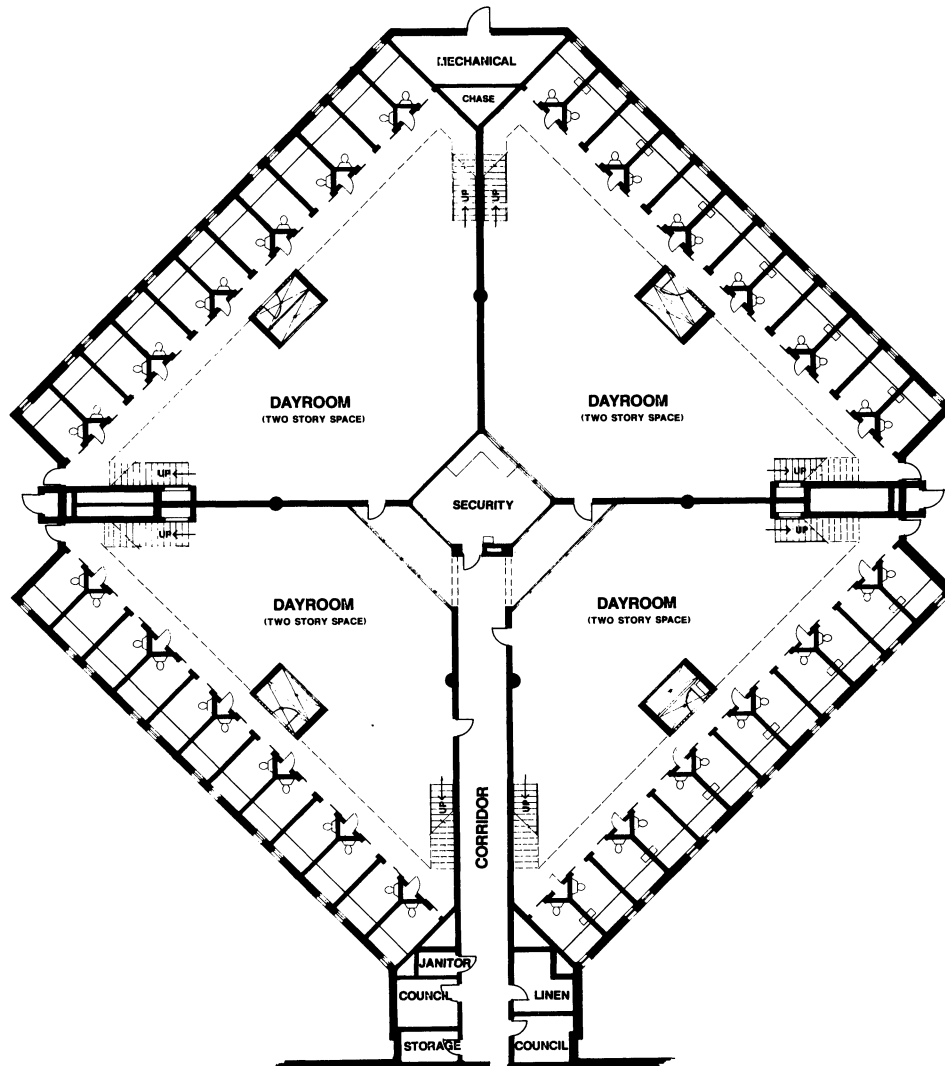
 TYPICAL LEVEL PLAN  
0 4 8 16 32 FEET

# 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><b>Groundbreaking:</b> December 1981  <b>Finish date:</b> March 1984  <b>Construction time:</b> 28 months</p>	<p><b>Design capacity:</b> 994  <b>Total cost:</b> \$23,420,685  <b>Total annual operating costs:</b> \$13,111,599</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Wings connecting housing pods</p>
<p><b>Costs</b></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          Total per inmate: \$23,562          Total per GSF: \$74.23          Total annual operating costs: \$13,111,599</p>	<p><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 192          Double occupancy: 768          Dorms: 0          Special housing: 34          General population: 960          Total: 994</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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

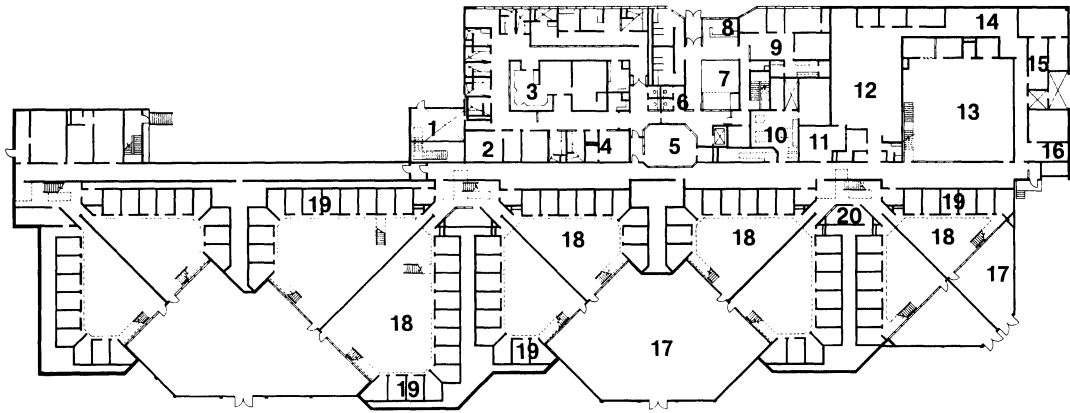
**Contact:** Superintendent Charles Moses, Cook Inlet Pre-Trial Facility, P.O. Box 103155, 1300 East 4th Avenue, Anchorage, AK 99510, 907-258-7267

**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

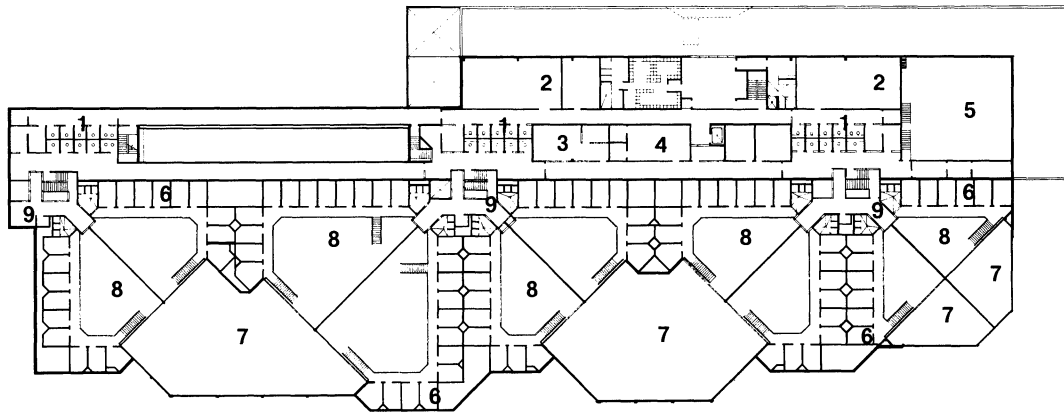
<p><b>Groundbreaking:</b> September 1979 <b>Finish date:</b> June 1983 <b>Construction time:</b> 45 months</p>	<p><b>Design capacity:</b> 228 <b>Total cost:</b> \$21,000,000 <b>Total annual operating costs:</b> \$8,505,683</p>	<p><b>Category:</b> New, independent facility <b>Facility type:</b> State detention facility <b>Building configuration:</b> Integrated structure; clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate, tilt-up walls</p>
<p><b>Inmate cells</b></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><b>Current staff</b></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><b>Architects' reported analyses</b></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)

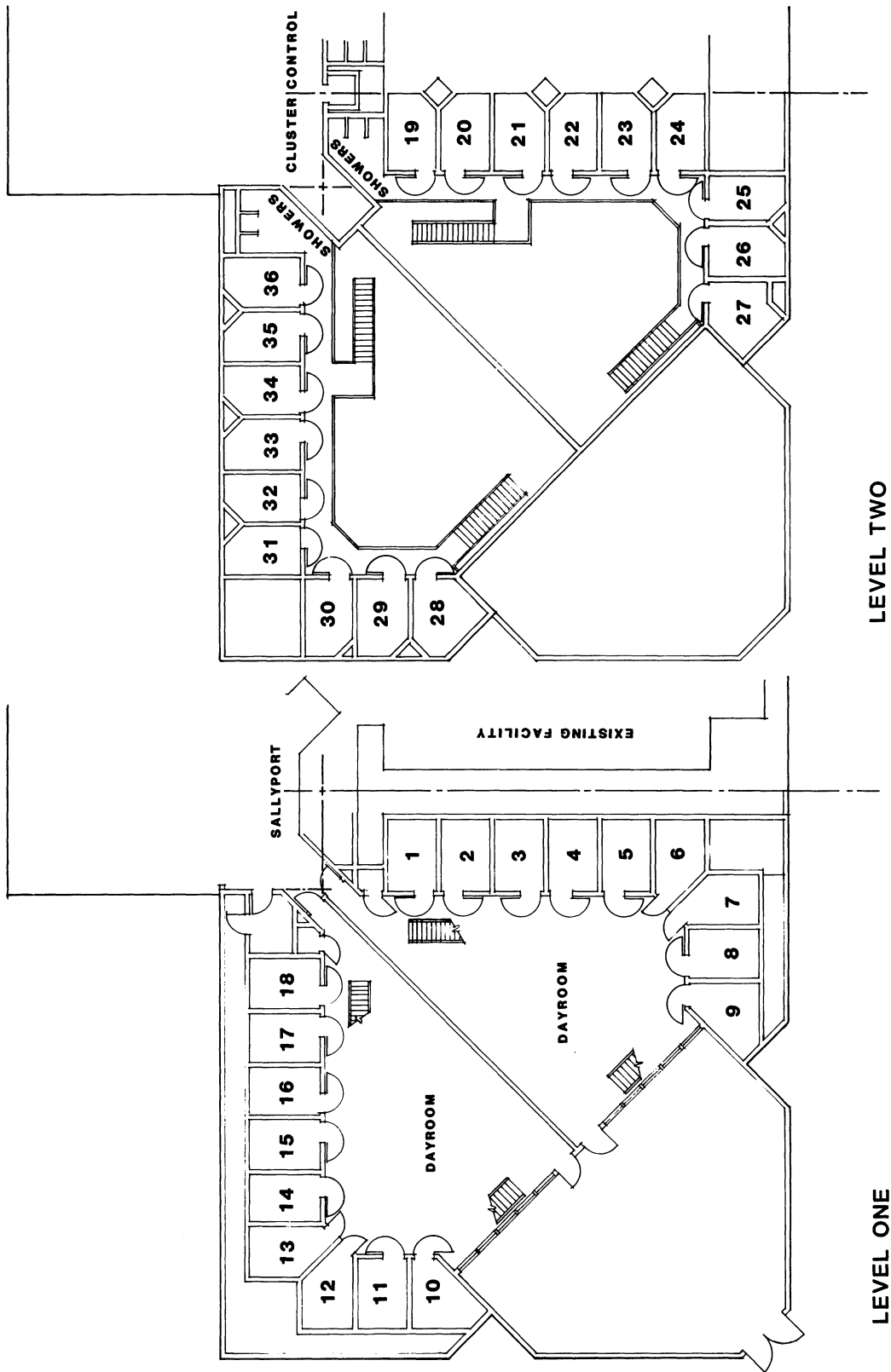
Jurisdiction official: Susan Humphrey-Barnett, Commissioner, Department of Corrections

**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><b>Groundbreaking:</b> March 1984  <b>Finish date:</b> March 1985  <b>Construction time:</b> 12 months</p>	<p><b>Design capacity:</b> 36  <b>Total cost:</b> \$2,020,000  <b>Total annual operating costs:</b> \$8,097,400 (entire facility)</p>	<p><b>Category:</b> Expansion; phased project (past)  <b>Facility type:</b> State pre-trial facility  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; alarm/detection systems; video camera surveillance  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 36  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 36  Total: 36</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

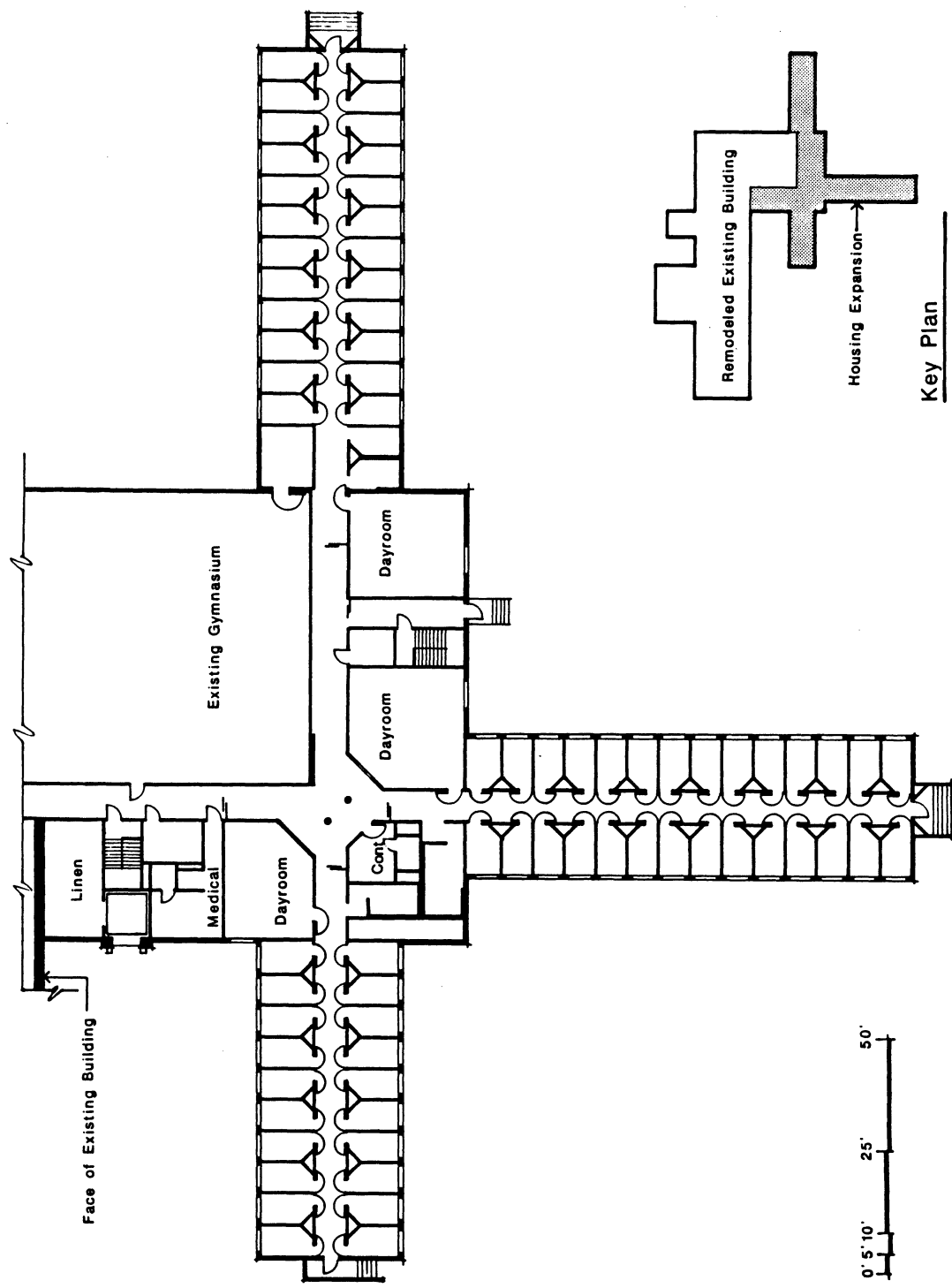
Jurisdiction official: Susan Humphrey-Barnett, Commissioner, Department of Corrections

**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

<p><b>Groundbreaking:</b> May 1982  <b>Finish date:</b> June 1983  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 72  <b>Total cost:</b> \$7,914,000  <b>Total annual operating costs:</b> \$1,070,400 (entire facility)</p>	<p><b>Category:</b> Remodeling/renovation project; expansion  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on fences  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Load bearing precast panels  Exterior walls: Precast panels  Interior walls: Precast panels; CMU block  Exterior surface/facade: Cement plaster</p>	<p><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Limited; precast concrete panels</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 72  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 72  Total: 72</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>

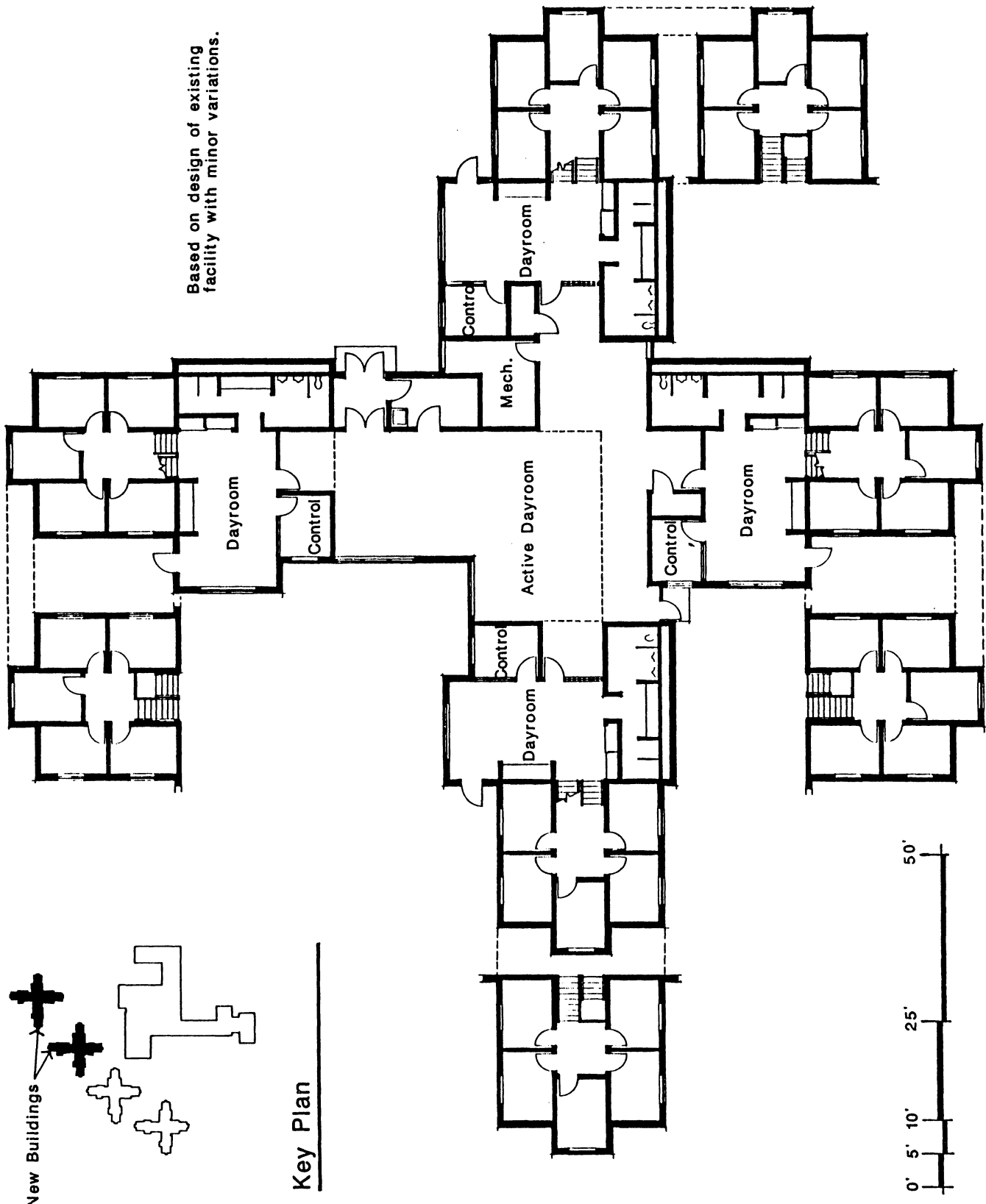


# Hiland Mountain Correctional Center (Addition)

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><b>Groundbreaking:</b> July 1981  <b>Finish date:</b> January 1983  <b>Construction time:</b> 18 months</p>	<p><b>Design capacity:</b> 160  <b>Total cost:</b> \$3,782,900  <b>Total annual operating costs:</b> \$437,400 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Wheel, spoke or radial</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; alarm/detection system; razor wire on fences  Inmate security level:  Maximum: 0  Medium: 0  Minimum: 100%</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: CMU block; wood siding  Interior walls: CMU block  Exterior surface/facade: Wood siding</p>	<p><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 160  Dorms: 0  Special housing: 0  General population: 160  Total: 160</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



# 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

<p><b>Groundbreaking:</b> May 1985  <b>Finish date:</b> July 1986  <b>Construction time:</b> 14 months</p>	<p><b>Design capacity:</b> 56  <b>Total cost:</b> \$2,200,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; razor wire on fence  Inmate security level:  Maximum: 14%  Medium: 86%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Moderate; precast components</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 48  Dorms: 0  Special housing: 8  General population: 48  Total: 56</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

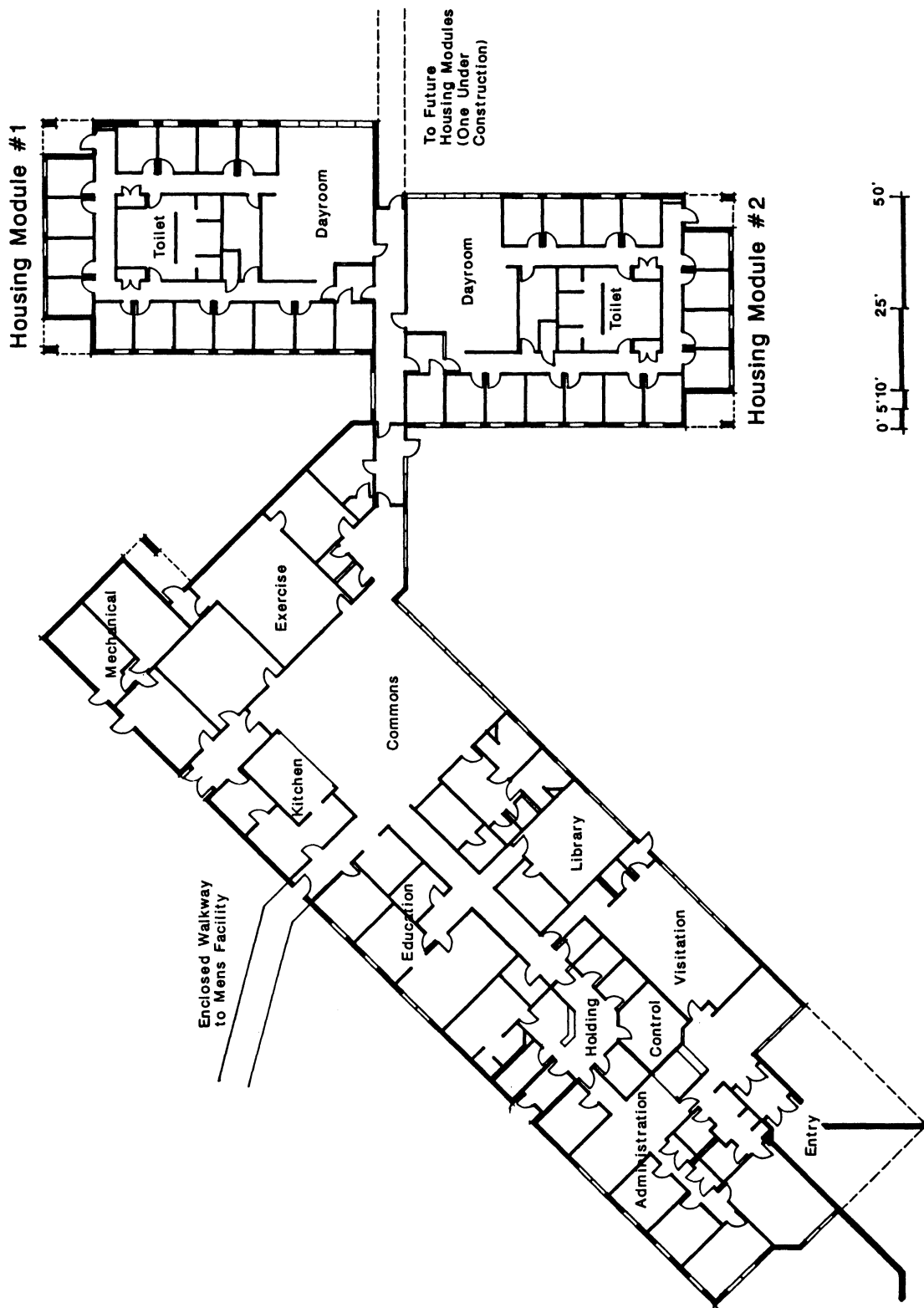
Jurisdiction official: Susan Humphrey-Barnett, Commissioner, Department of Corrections

**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

<p><b>Groundbreaking:</b> October 1980  <b>Finish date:</b> July 1981  <b>Construction time:</b> 9 months</p>	<p><b>Design capacity:</b> 30  <b>Total cost:</b> \$2,833,428  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison (women's facility)  <b>Building configuration:</b> Clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; single fence; alarm/detection system; camera surveillance          Inmate security level:          Maximum: 0          Medium: 7%          Minimum: 93%</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame; CMU bearing walls          Exterior walls: CMU block          Interior walls: CMU block          Exterior surface/facade: Wood siding</p>	<p><b>Construction process</b></p> <p>Finance method: State funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 28          Double occupancy: 0          Dorms: 0          Special housing: 2          General population: 28          Total: 30</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

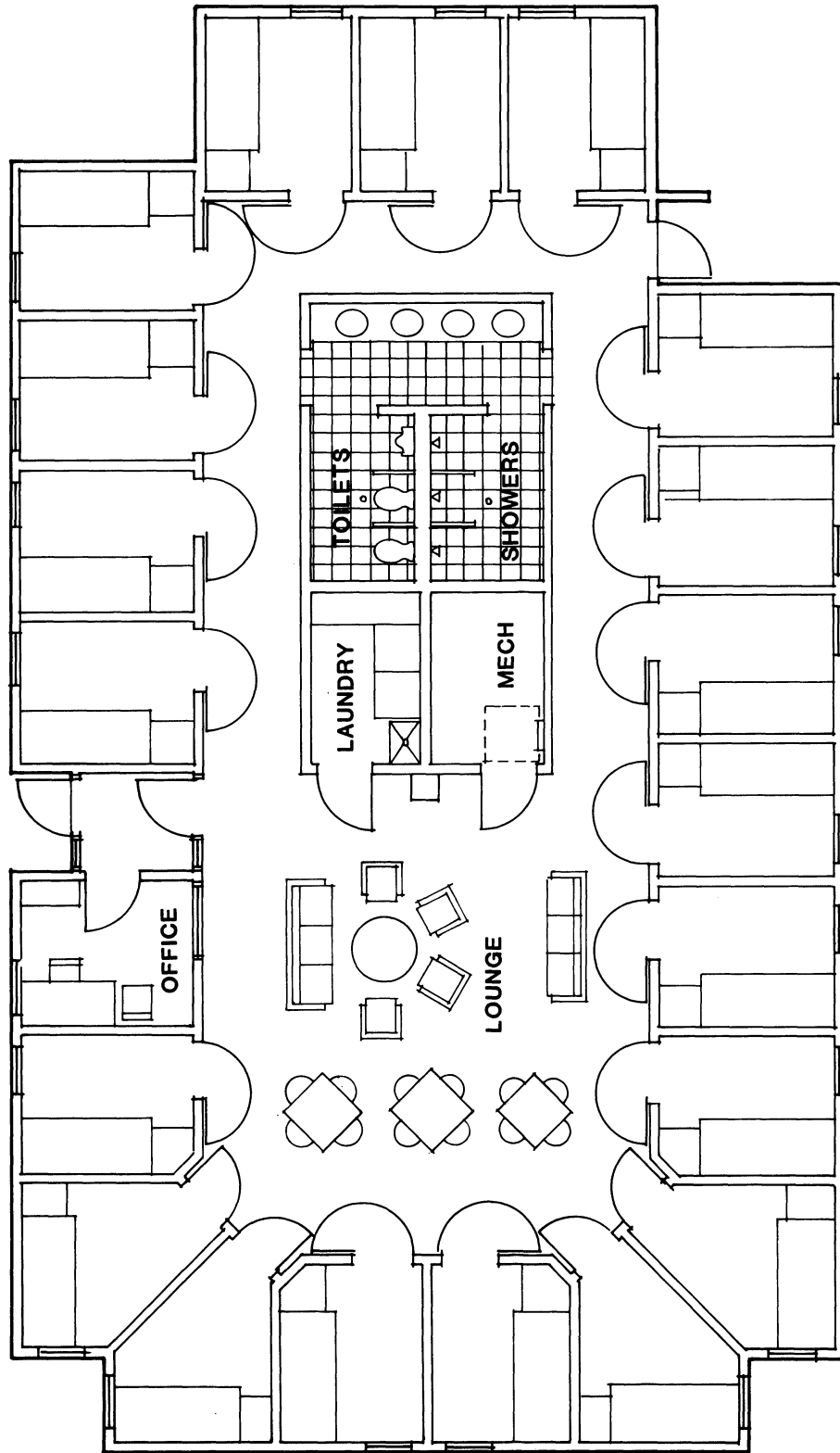
Jurisdiction official: Susan Humphrey-Barnett, Commissioner, Department of Corrections

**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

<p><b>Groundbreaking:</b> July 1981  <b>Finish date:</b> July 1982  <b>Construction time:</b> 12 months</p>	<p><b>Design capacity:</b> 104  <b>Total cost:</b> \$2,350,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence  Inmate security level:  Maximum: 3%  Medium: 97%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Wood frame  Exterior walls: Wood siding  Interior walls: Wood studs, gypsum board  over plywood  Exterior surface/facade: Wood siding</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 100  Double occupancy: 0  Dorms: 0  Special housing: 4  General population: 100  Total: 104</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

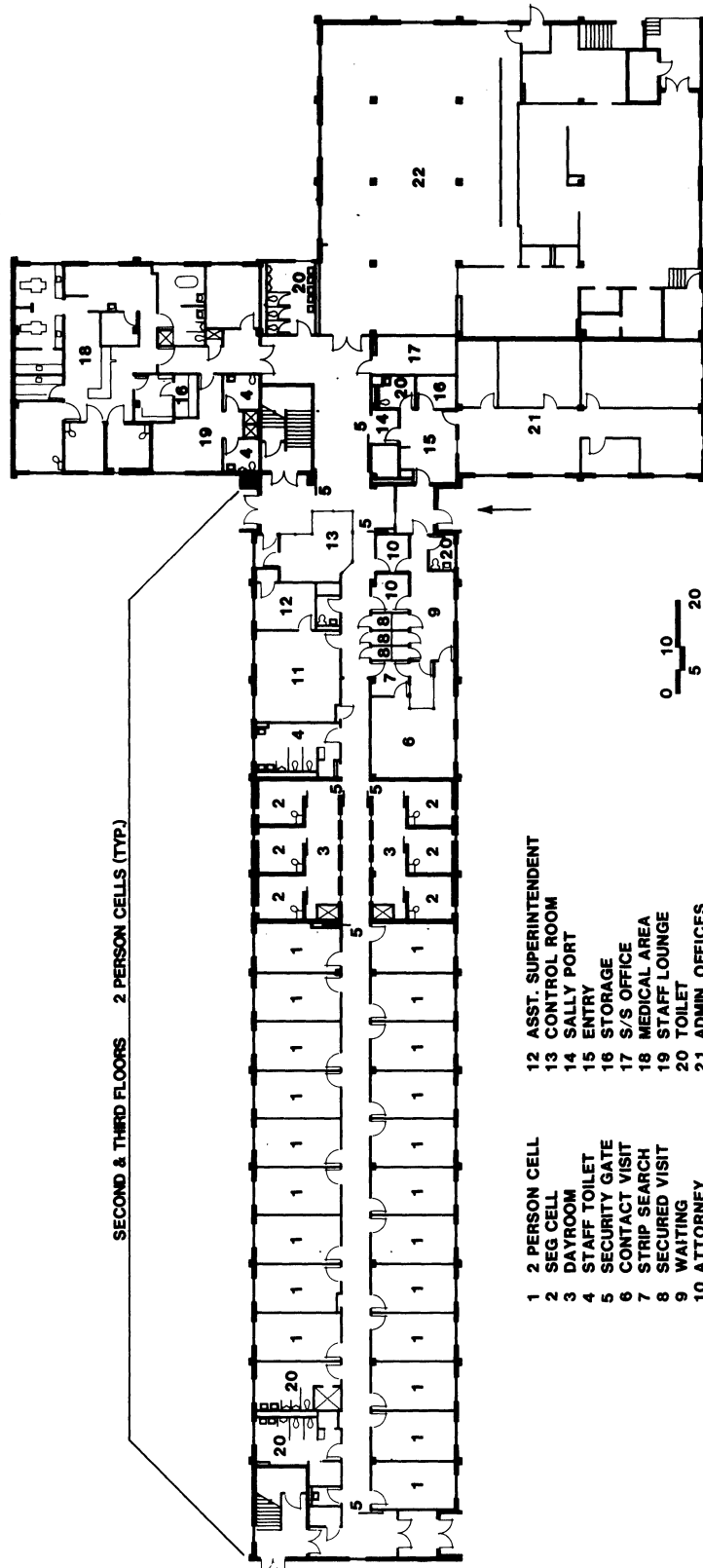
Jurisdiction official: Susan Humphrey-Barnett, Commissioner, Department of Corrections

**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

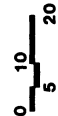
<p><b>Groundbreaking:</b> April 1984  <b>Finish date:</b> April 1985  <b>Construction time:</b> 12 months</p>	<p><b>Design capacity:</b> 200  <b>Total cost:</b> \$1,100,000  <b>Total annual operating costs:</b> \$6,553,800</p>	<p><b>Category:</b> Remodeling/renovation project  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on fences; patrols          Inmate security level:              Maximum: 5%              Medium: 95%              Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Cast-in-place concrete frame          Exterior walls: CMU block          Interior walls: CMU block          Exterior surface/facade: Paint</p> <p><b>Inmate design capacity</b></p> <p>Single occupancy: 0          Double occupancy: 190          Dorms: 0          Special housing: 10          General population: 190          Total: 200</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architect's reported analyses</b></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>



SECOND & THIRD FLOORS 2 PERSON CELLS (TYP.)

- |    |               |    |                      |
|----|---------------|----|----------------------|
| 1  | 2 PERSON CELL | 12 | ASST. SUPERINTENDENT |
| 2  | SEG CELL      | 13 | CONTROL ROOM         |
| 3  | DAYROOM       | 14 | SALLY PORT           |
| 4  | STAFF TOILET  | 15 | ENTRY                |
| 5  | SECURITY GATE | 16 | STORAGE              |
| 6  | CONTACT VISIT | 17 | S/S OFFICE           |
| 7  | STRIP SEARCH  | 18 | MEDICAL AREA         |
| 8  | SECURED VISIT | 19 | STAFF LOUNGE         |
| 9  | WAITING       | 20 | TOILET               |
| 10 | ATTORNEY      | 21 | ADMIN. OFFICES       |
| 11 | SUPPORT       | 22 | DINING/KITCHEN       |

**FIRST FLOOR PLAN**



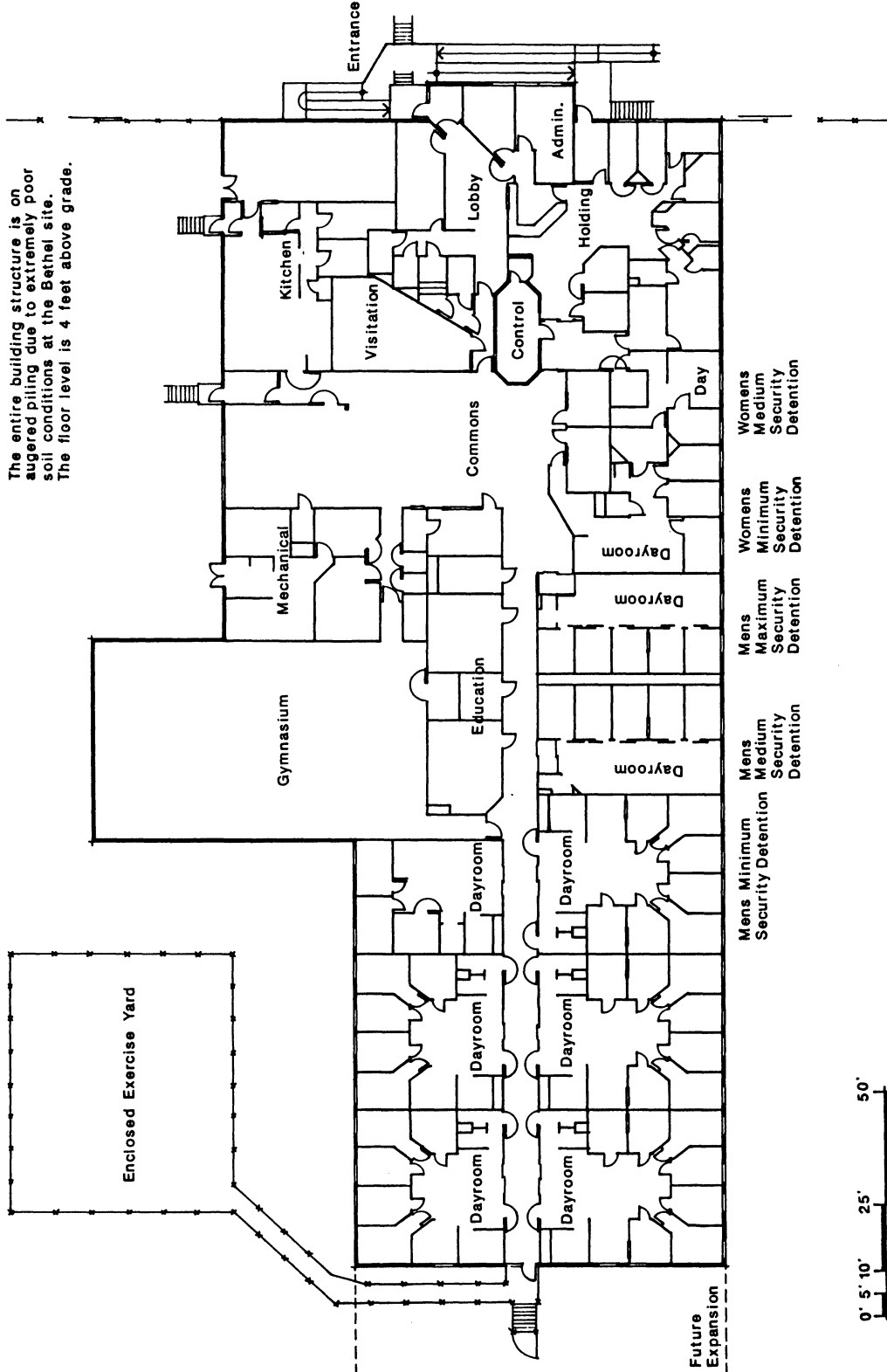
# Yukon-Kuskokwim Correctional Center

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

<p><b>Groundbreaking:</b> July 1983  <b>Finish date:</b> September 1984  <b>Construction time:</b> 14 months</p>	<p><b>Design capacity:</b> 98  <b>Total cost:</b> \$7,150,000  <b>Total annual operating costs:</b> \$3,273,300</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; single fence  Inmate security level:  Maximum: 6%  Medium: 11%  Minimum: 83%</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 5  Double occupancy: 86  Dorms: 0  Special housing: 7  General population: 91  Total: 98</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

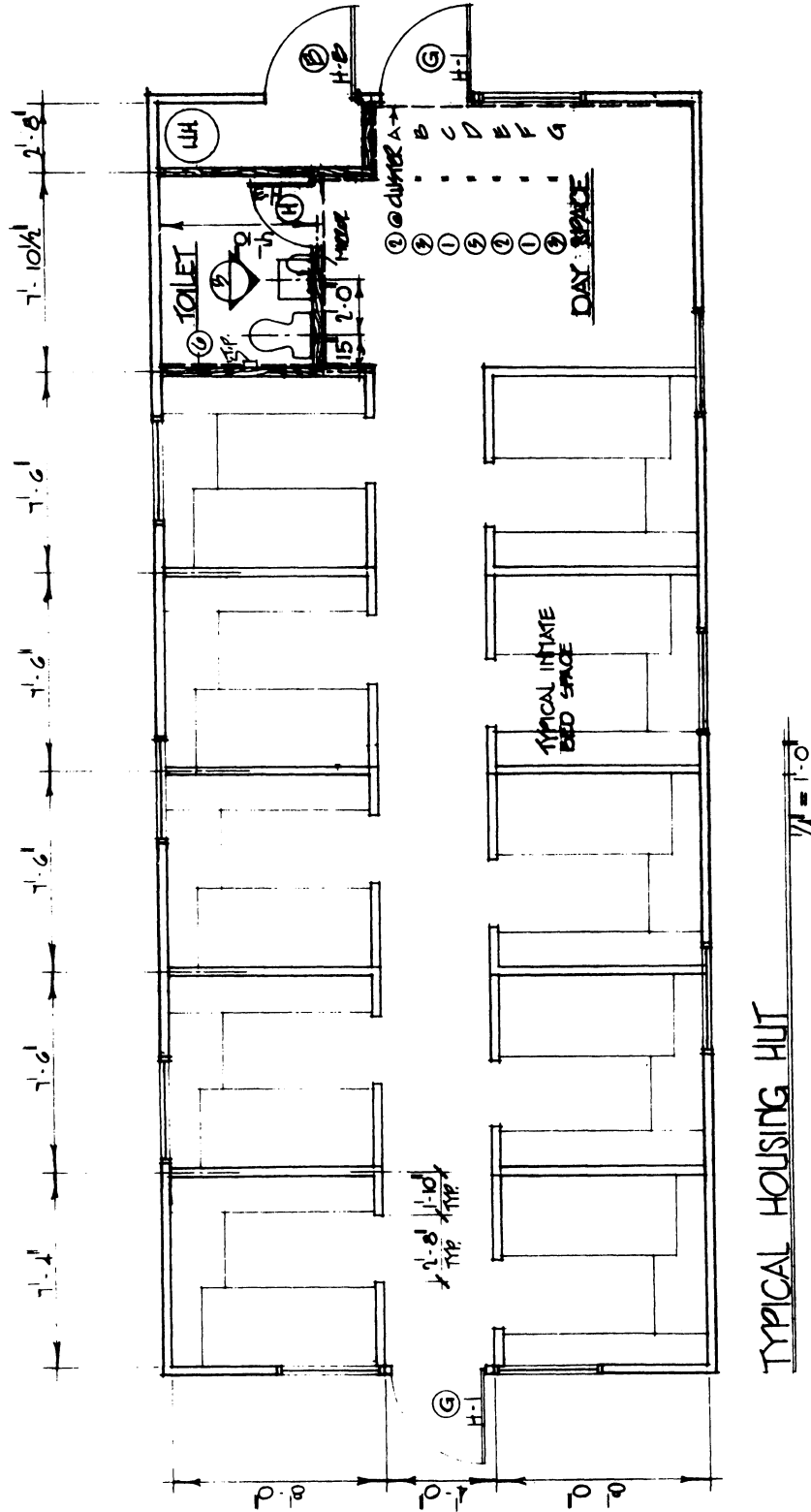
Jurisdiction official: Samuel A. Lewis, Director, Department of Corrections

**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

<p><b>Groundbreaking:</b> January 1984  <b>Finish date:</b> June 1985  <b>Construction time:</b> 17 months</p>	<p><b>Design capacity:</b> 540  <b>Total cost:</b> \$4,700,000  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: CMU block; corrugated metal  Interior walls: CMU block; gyp board  Exterior surface/facade: Stucco; paint</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 528  Special housing: 12  General population: 528  Total: 540</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>

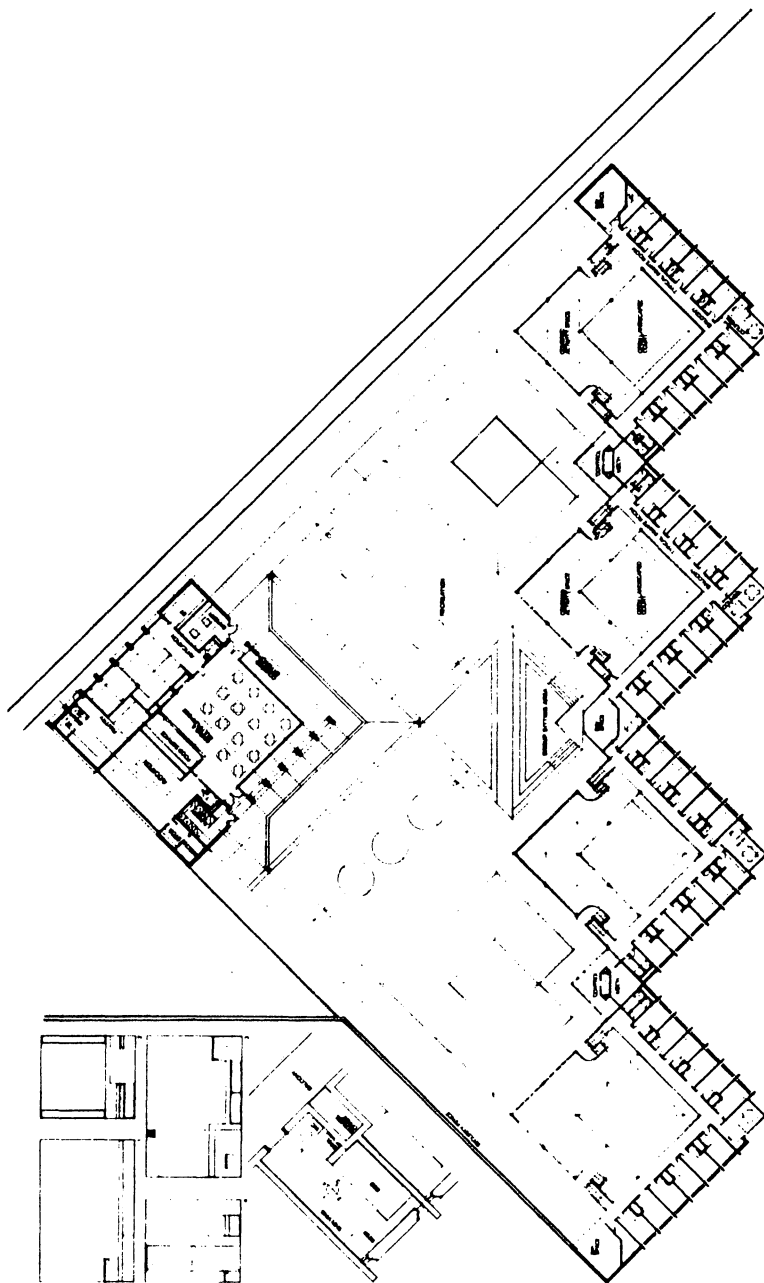


# Arizona State Prison—Perryville

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

<p><b>Groundbreaking:</b> November 1979  <b>Finish date:</b> April 1983  <b>Construction time:</b> 41 months</p>	<p><b>Design capacity:</b> 1,200  <b>Total cost:</b> \$42,600,000  <b>Total annual operating costs:</b> \$17,058,600</p>	<p><b>Category:</b> New, ind. fac.; expansion; phased project (past); temp. housing  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; alarm/detection system; patrols  Inmate security level:  Maximum: 0  Medium: 83.3%  Minimum: 16.7%</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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 1,200  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 1,200  Total: 1,200</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

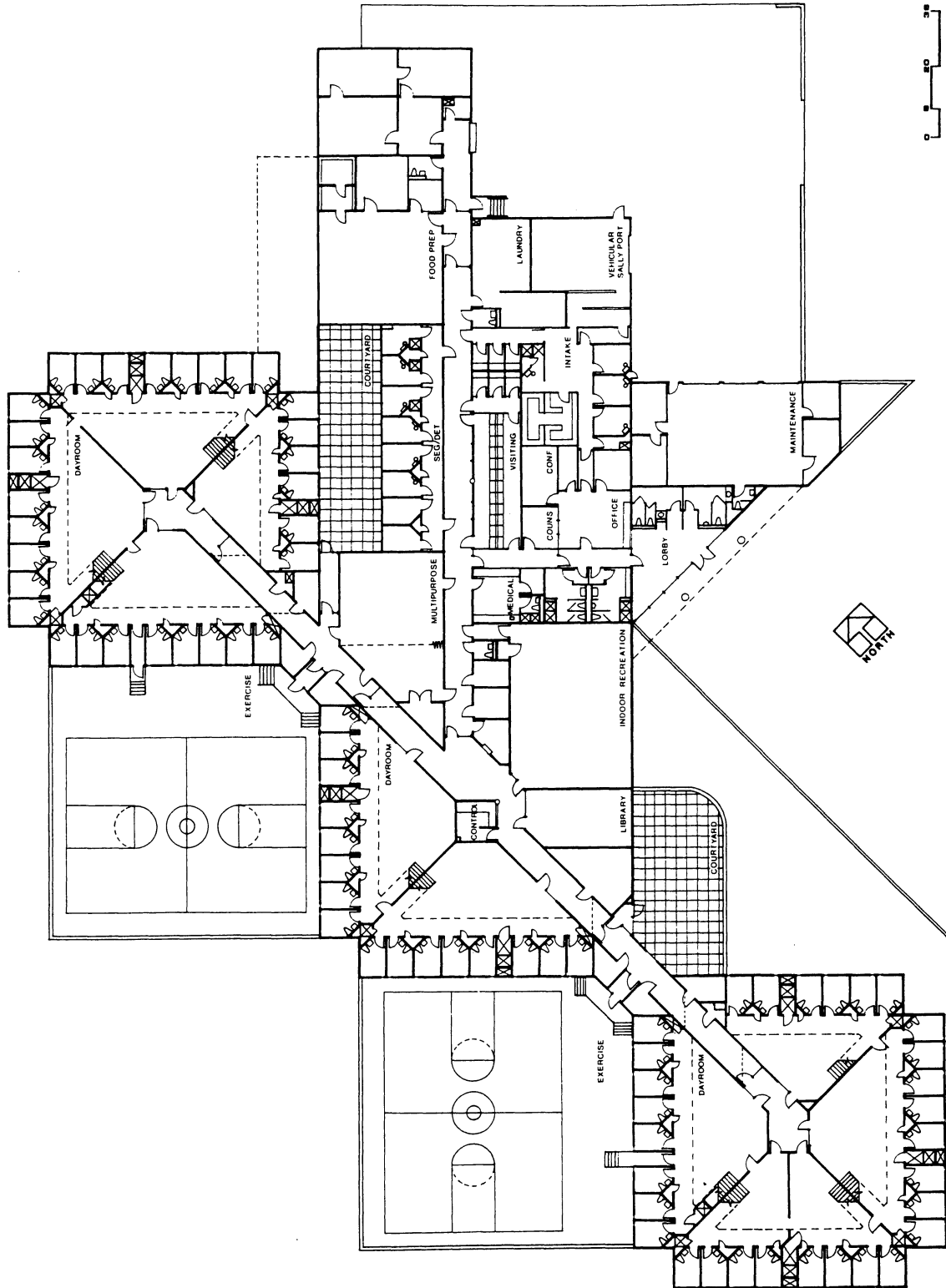
Jurisdiction official: Jim V. Judd, Sheriff

**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><b>Groundbreaking:</b> November 1983  <b>Finish date:</b> June 1985  <b>Construction time:</b> 19 months</p>	<p><b>Design capacity:</b> 162  <b>Total cost:</b> \$4,248,400  <b>Total annual operating costs:</b> \$847,531</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Alarm/detection system          Inmate security level:              Maximum: 0              Medium: 100%              Minimum: 0</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 160          Double occupancy: 0          Dorms: 0          Special housing: 2          General population: 160          Total: 162</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architect's reported analyses</b></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

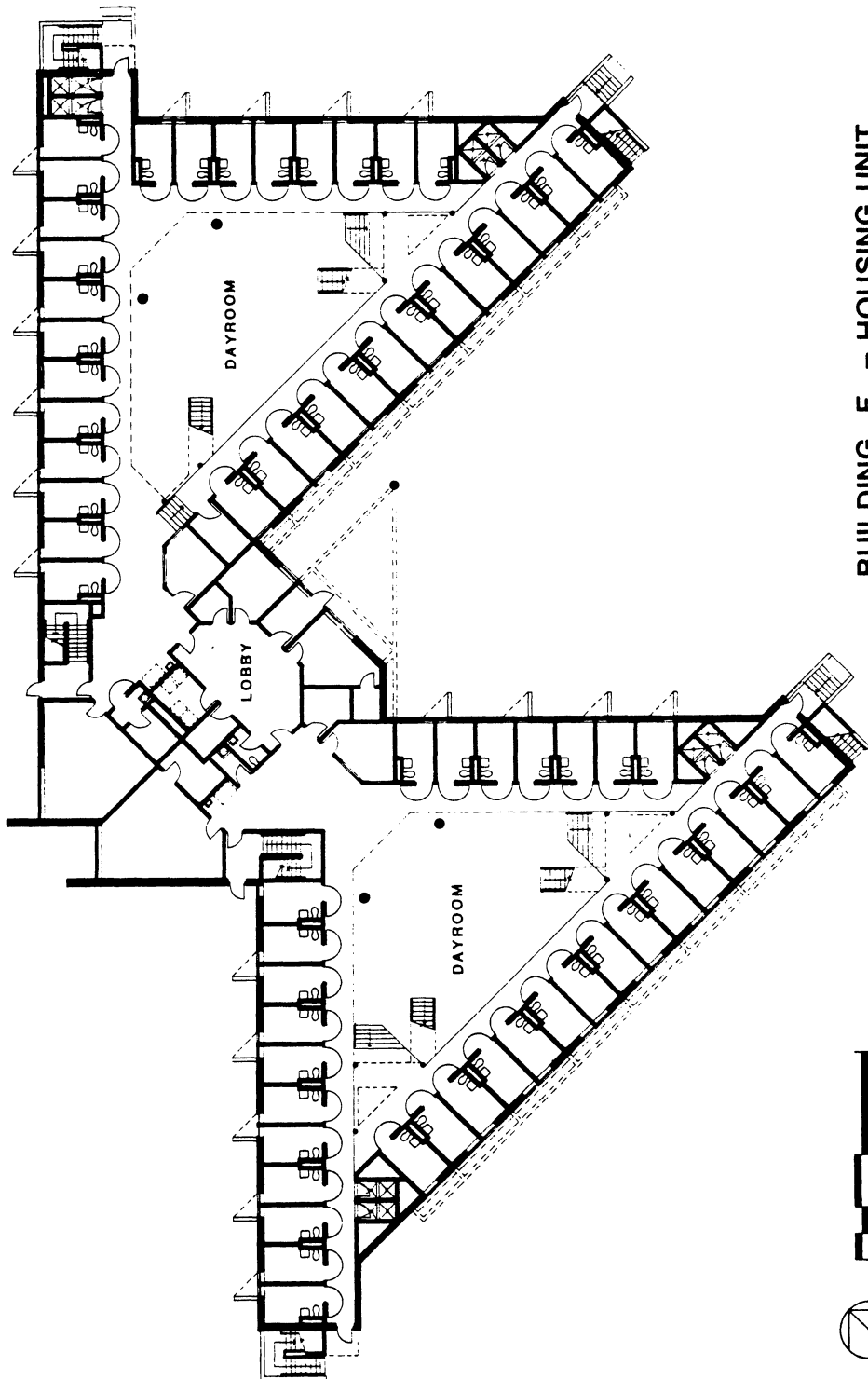
**Contact:** Warden Peter M. Carlson, Federal Correctional Institution, P.O. Box 1680, Black Canyon Stage I, Phoenix, AZ 85029, 602-256-0924

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

**Construction manager:** None

<p><b>Groundbreaking:</b> November 1983  <b>Finish date:</b> June 1985  <b>Construction time:</b> 19 months</p>	<p><b>Design capacity:</b> 575  <b>Total cost:</b> \$21,035,950  <b>Total annual operating costs:</b> \$6,877,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Federal prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 569  Double occupancy: 0  Dorms: 0  Special housing: 6  General population: 569  Total: 575</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architect's reported analyses</b></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>





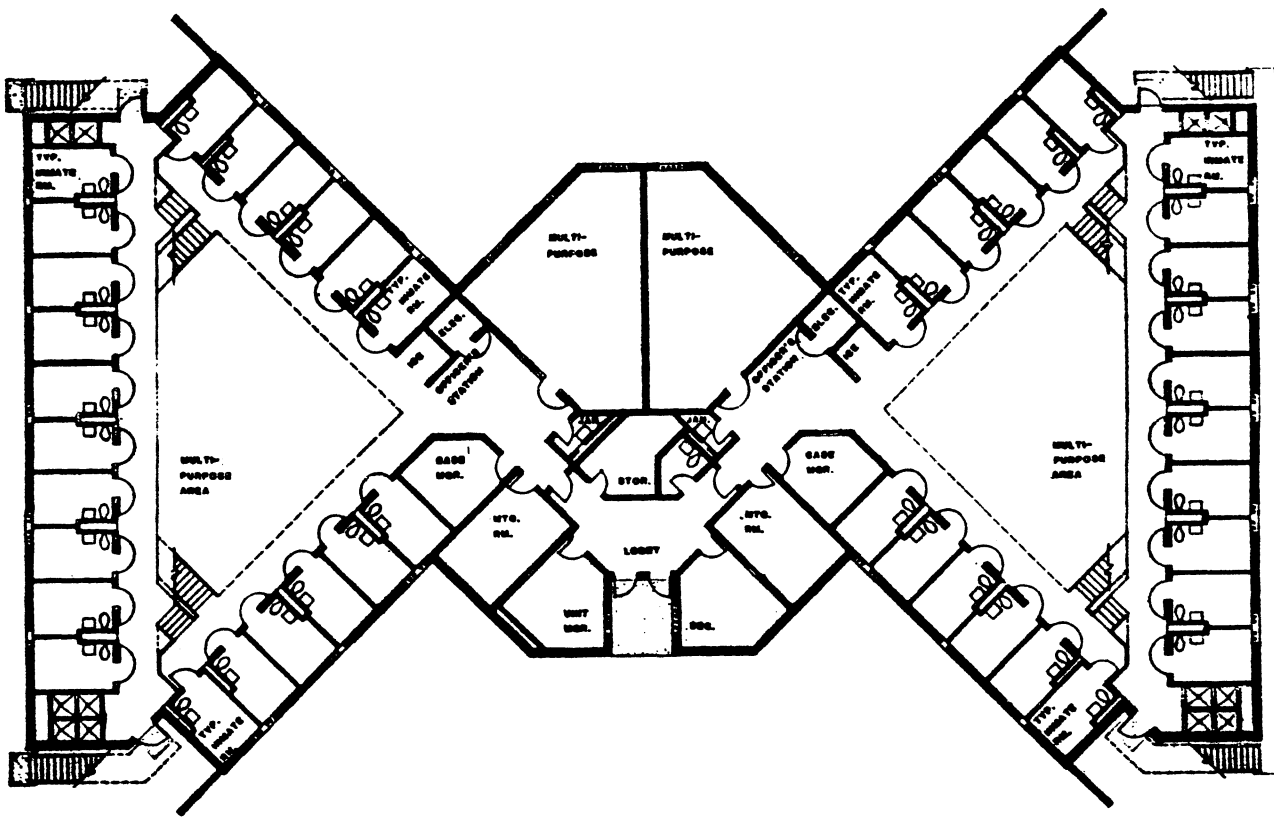
BUILDING F - HOUSING UNIT  
FIRST FLOOR PLAN

# Federal Correctional Institution

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

**Contact:** Warden William A. Perrill, Federal Correctional Institution, 8901 South Wilmot Road, Tucson, AZ 85706, 602-294-4404  
**Architect:** Federal Bureau of Prisons, 320 First Street NW., Washington, DC 20534, 202-272-6522  
**Construction manager:** None

<p><b>Groundbreaking:</b> June 1980  <b>Finish date:</b> February 1982  <b>Construction time:</b> 20 months</p>	<p><b>Design capacity:</b> 190  <b>Total cost:</b> \$6,286,707  <b>Total annual operating costs:</b> \$3,824,900</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Federal prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></p> <p>Total: \$6,286,707  Building only: \$5,132,174  Housing area: \$2,375,000  Housing per inmate: \$13,268  Housing per cell: \$12,633  Total per inmate: \$33,088  Total per GSF: \$98.72  Total annual operating costs: \$3,824,900</p>	<p><b>Dimensions</b></p> <p>Gross square feet/corrections: 63,685  Gross square feet/other: 0  Gross square feet/total: 63,685  Housing area square feet: 43,302  Gross square feet per inmate: 335  Size of cells: 70 square feet (single)  Net/gross square feet: 69%</p>	<p><b>Inmate housing areas</b></p> <p>Design: Module/pod  Cells per unit: 94  Inmates per unit: 89  Management type: Direct supervision  October 1985 population: 380  Facility commitment: Federal prisoners  Means to handle crowding: Bunk beds in cell</p>
<p><b>Security</b></p> <p>Perimeter: Double fence, alarm/detection system; razor wire on and between fences; patrols  Inmate security level:  Maximum: Varies  Medium: Varies  Minimum: Varies</p>	<p><b>Construction type</b></p> <p>Structural: Load bearing precast panels; steel frame; load bearing block  Exterior walls: Precast panels; CIP concrete; CMU block  Interior walls: Precast panels; CIP concrete; CMU block  Exterior surface/facade: Stucco</p>	<p><b>Construction process</b></p> <p>Finance method: Federal funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></p> <p>Doors/material: Solid; wooden  Doors/type: Swinging  Doors/locking: Manual locking  Floor surface: Vinyl tile  Intercom: Two-way to common areas  HVAC: Air conditioning; forced air packaged heating unit  Plumbing: China  Furniture: Wood  Fire protection: Smoke detectors for cells and common areas; manual alarm stations; automatic alarm to detectors</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 179  Double occupancy: 0  Dorms: 0  Special housing: 11  General population: 179  Total: 190</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: 23  Security: 51  Programs/treatment: 25  Maintenance: 14  Total: 113  Current inmate/staff ratio: 3.36:1</p>	<p><b>Architect's reported analyses</b></p> <p>Factors affecting construction costs:  Positive: Use of prefabricated components; simple construction methods; phased construction; good competition; less expensive materials and hardware; ideal site conditions  Negative: Most of the space was high cost (housing, food preparation, etc.)</p> <p>Factors affecting time schedule:  Positive: Use of prefabricated components; simple construction methods; phased construction; good bidding climate; coordination between owner and contractor  Negative: Slow responses from vendors, suppliers (long lead times for security hardware, etc.)</p>



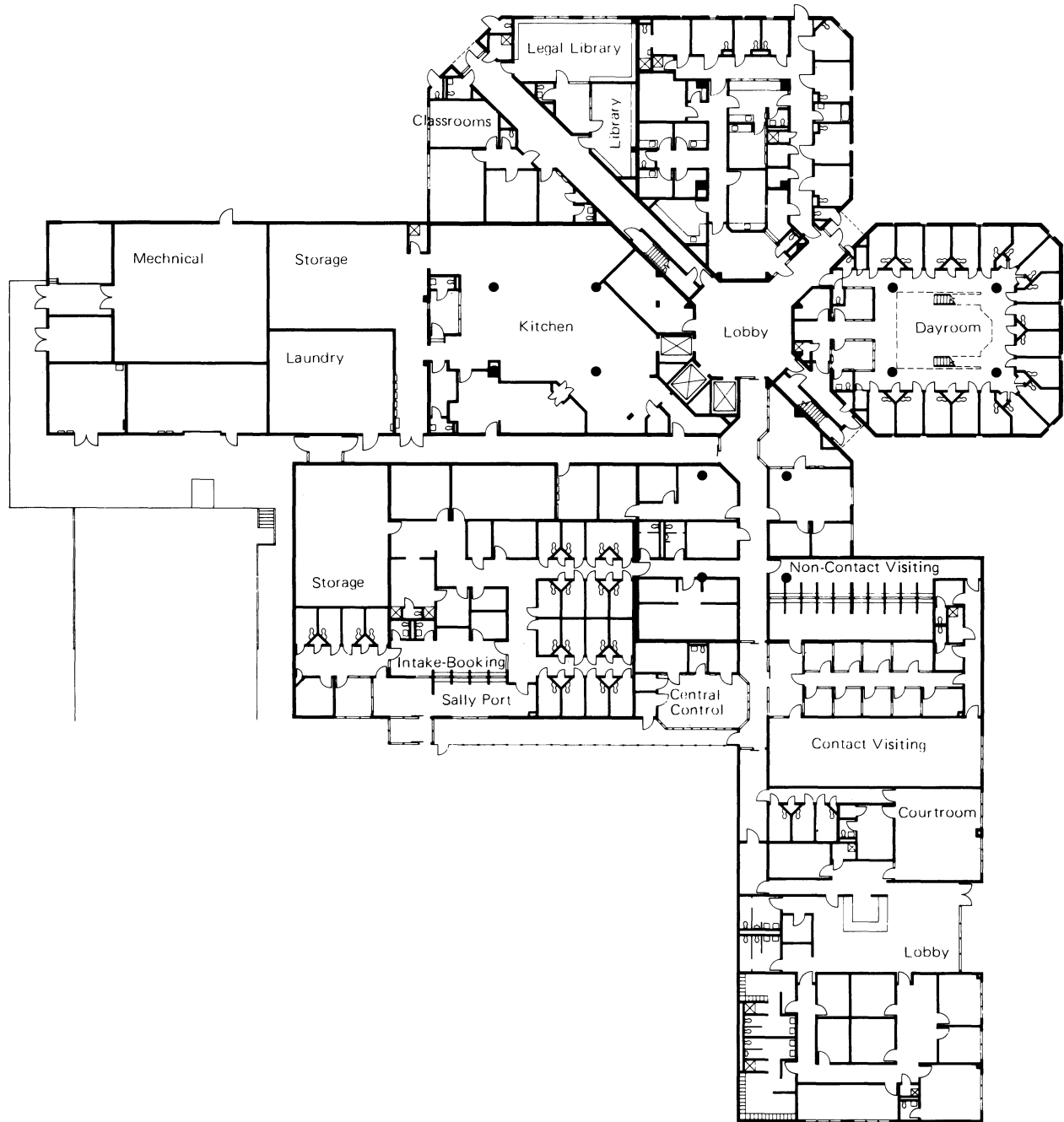
**BLDGS. E & F - FIRST FLOOR**

# Pima County Adult Detention Center

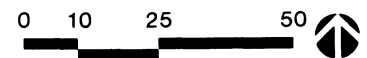
Jurisdiction official: Clarence Dupnik, Sheriff

**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><b>Groundbreaking:</b> July 1981  <b>Finish date:</b> July 1984  <b>Construction time:</b> 37 months</p>	<p><b>Design capacity:</b> 499  <b>Total cost:</b> \$14,800,000  <b>Total annual operating costs:</b> \$10,250,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> High rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; double fence; razor wire on and between fences  Inmate security level:  Maximum: 15%  Medium: 85%  Minimum: 0</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 468  Double occupancy: 0  Dorms: 0  Special housing: 31  General population: 468  Total: 499</p> <p><b>Current staff</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Architect's reported analyses</b></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)

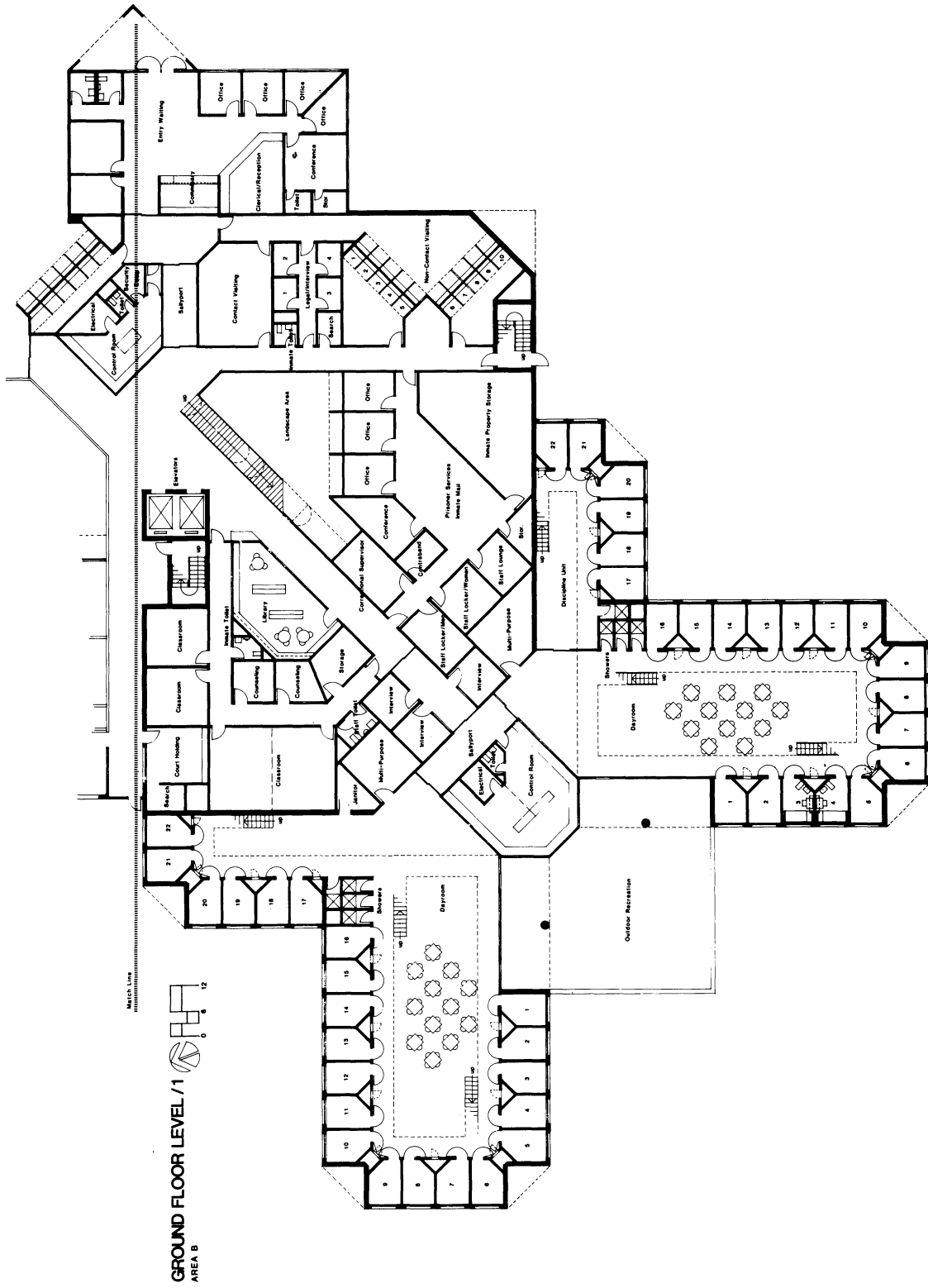
Jurisdiction official: Clarence Dupnik, Sheriff

**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><b>Groundbreaking:</b> July 1984  <b>Finish date:</b> August 1986  <b>Construction time:</b> 25 months</p>	<p><b>Design capacity:</b> 282  <b>Total cost:</b> \$8,400,000  <b>Total annual operating costs:</b> \$4,200,615 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> County jail  <b>Building configuration:</b> Wheel</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 0  Medium: 45%  Minimum: 55%</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 121  Double occupancy: 5  Dorms: 144  Special housing: 17  General population: 265  Total: 282</p> <p><b>Current staff</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Architect's reported analyses</b></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>	



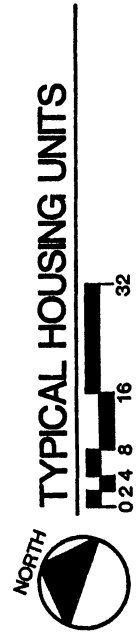
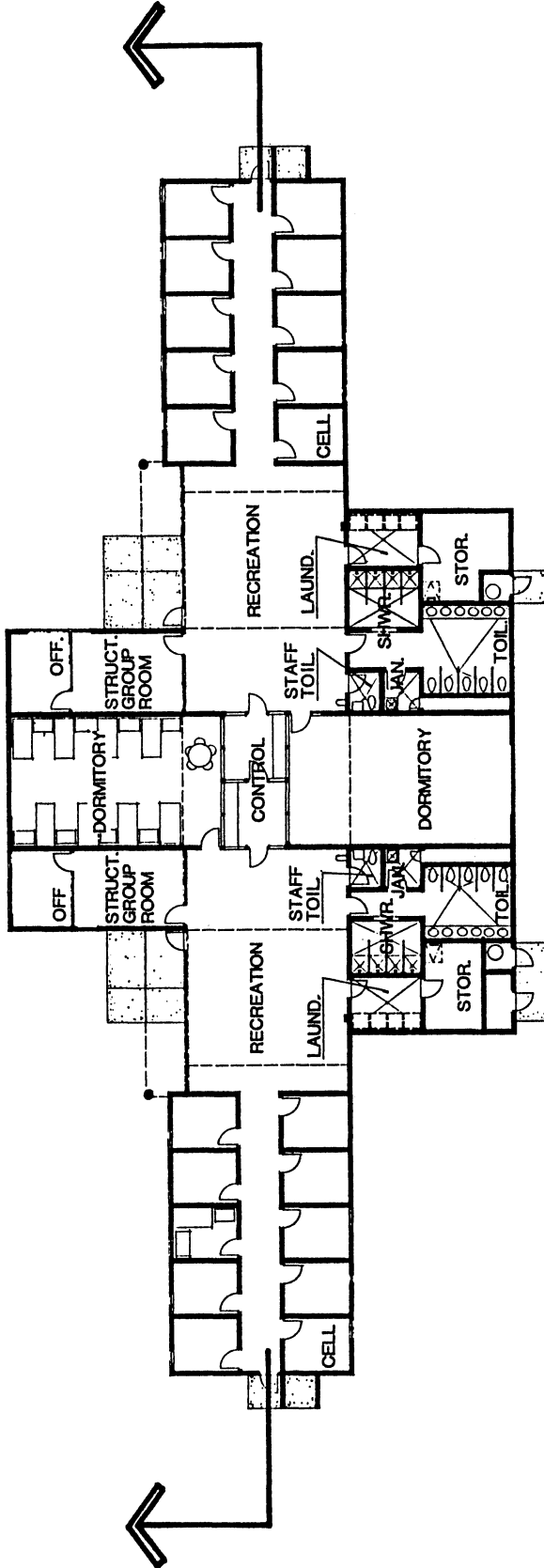
# Pinal Mountain Juvenile Institution

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><b>Groundbreaking:</b> August 1986  <b>Finish date:</b> November 1987  <b>Construction time:</b> 15 months</p>	<p><b>Design capacity:</b> 144  <b>Total cost:</b> \$3,215,320  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Juvenile correctional facility  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence  Inmate security level:  Maximum: 0  Medium: 0  Minimum: 100%</p>	<p><b>Construction type</b></p> <p>Structural: Masonry bearing  Exterior walls: CMU block  Interior walls: CMU block; wood frame  Exterior surface/facade: Textured concrete; colored concrete</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 80  Dorms: 64  Special housing: 0  General population: 144  Total: 144</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: 14  Security: 49  Programs/treatment: 29  Maintenance: 10  Total: 102  Current inmate/staff ratio: N/A</p>	<p><b>Architect's reported analyses</b></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)

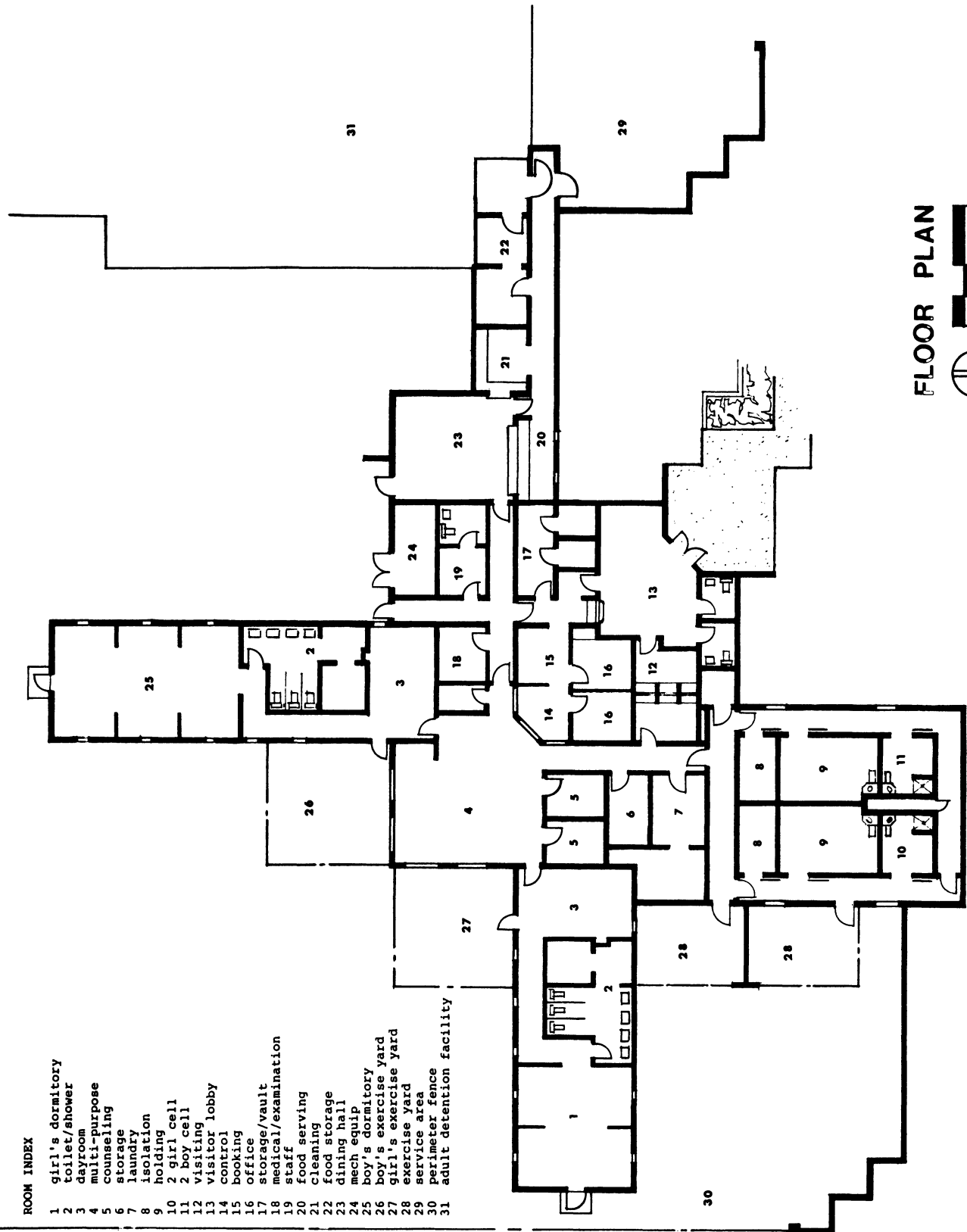
Jurisdiction official: Henry L. Spomer, Agency Special Officer, Bureau of Indian Affairs

**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><b>Groundbreaking:</b> July 1984  <b>Finish date:</b> April 1985  <b>Construction time:</b> 9 months</p>	<p><b>Design capacity:</b> 40  <b>Total cost:</b> \$1,268,093  <b>Total annual operating costs:</b> \$576,921 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> Bureau of Indian Affairs juvenile rehabilitation center  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Federal funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 4  Dorms: 20  Special housing: 16  General population: 24  Total: 40</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>

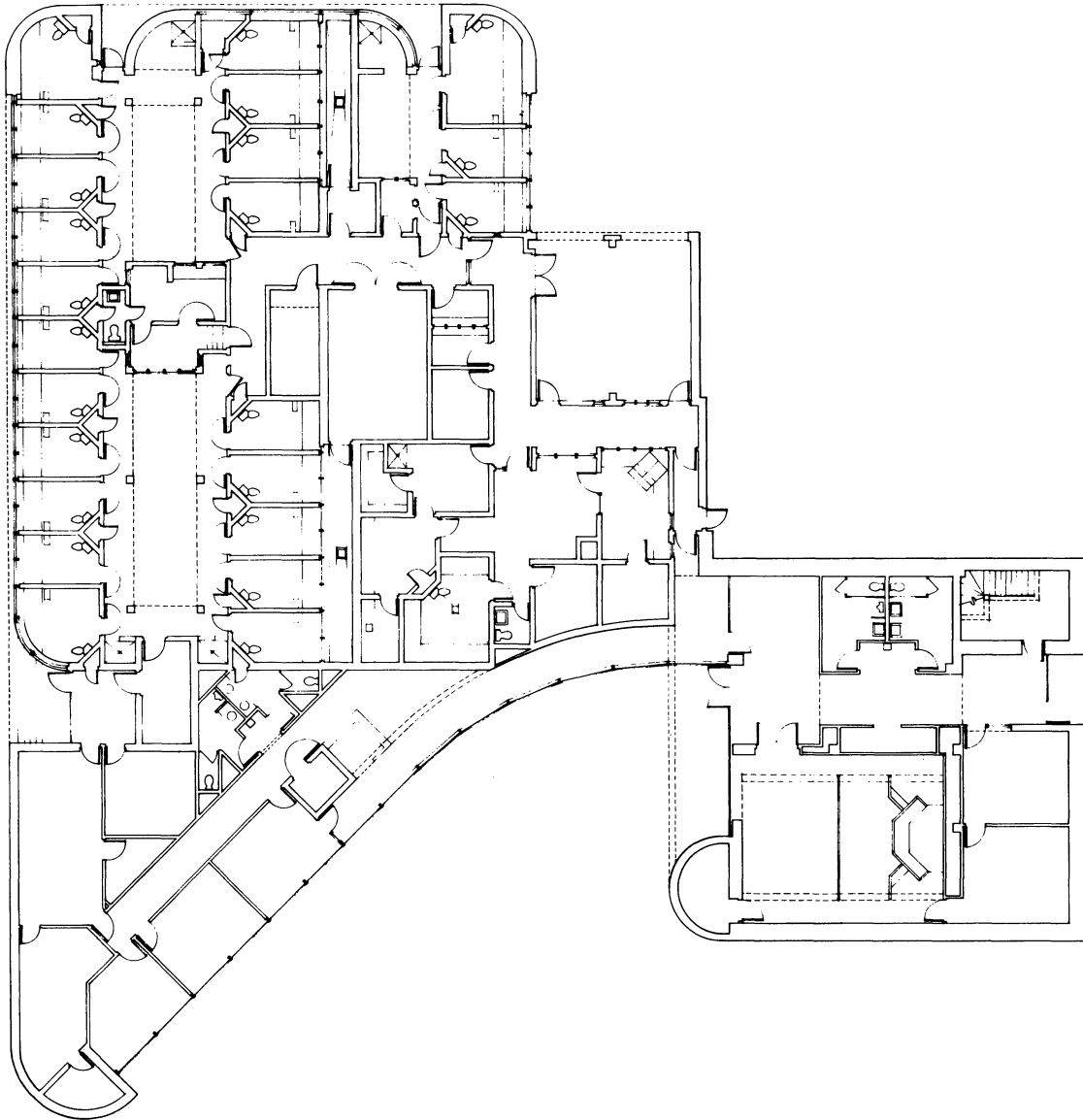


# Clark County Detention Facility (Expansion)

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><b>Groundbreaking:</b> October 1984  <b>Finish date:</b> May 1986  <b>Construction time:</b> 19 months</p>	<p><b>Design capacity:</b> 32  <b>Total cost:</b> \$1,943,469  <b>Total annual operating costs:</b> \$192,652 (expansion only)</p>	<p><b>Category:</b> Expansion project  <b>Facility type:</b> Complex: county jail, law enforcement, courts, county emergency center  <b>Building configuration:</b> Integ. structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; alarm/detection systems; video camera surveillance  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 22  Double occupancy: 2  Dorms: 0  Special housing: 8  General population: 24  Total: 32</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

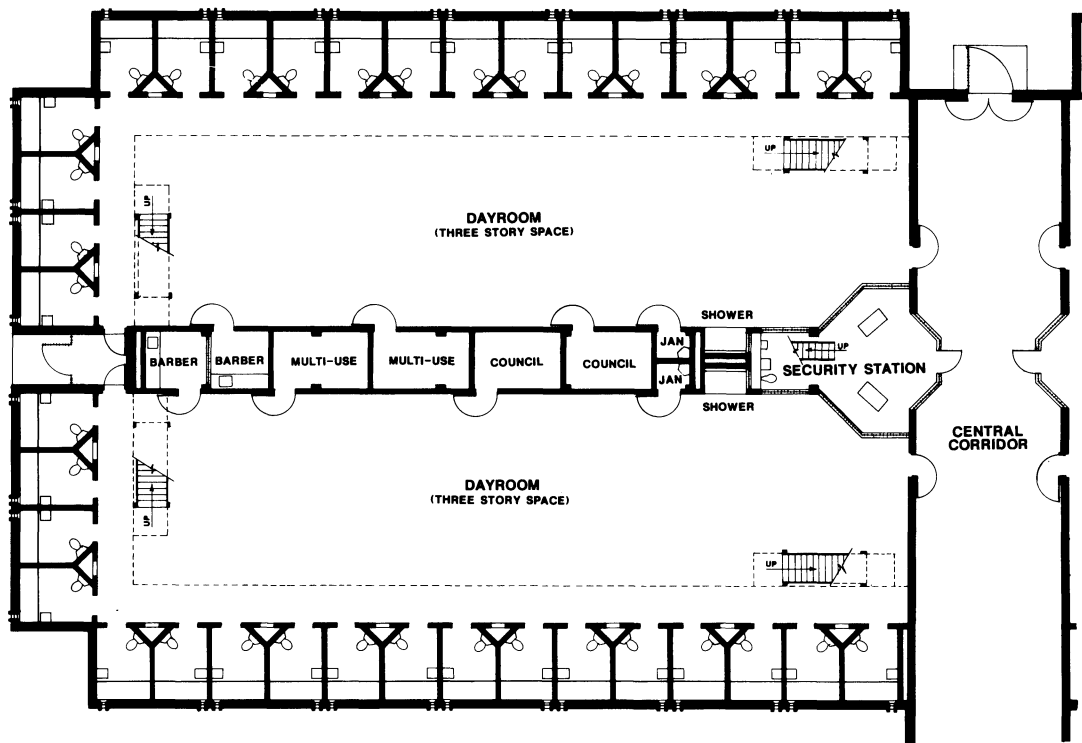
Jurisdiction official: A.L. Lockhart, Director, Department of Correction

**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><b>Groundbreaking:</b> December 1977  <b>Finish date:</b> April 1979  <b>Construction time:</b> 17 months</p>	<p><b>Design capacity:</b> 184  <b>Total cost:</b> \$2,174,184  <b>Total annual operating costs:</b> \$600,586 (expansion only)</p>	<p><b>Category:</b> Remodeling/renovation project; expansion project  <b>Facility type:</b> State prison  <b>Building configuration:</b> Telephone pole connecting housing pods</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence          Inmate security level:              Maximum: 0              Medium: 100%              Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Load bearing precast panels          Exterior walls: Precast panels          Interior walls: Precast panels          Exterior surface/facade: Textured concrete</p>	<p><b>Construction process</b></p> <p>Finance method: State funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: Moderate, precast concrete wall panels</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 184          Double occupancy: 0          Dorms: 0          Special housing: 0          General population: 184          Total: 184</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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



# Garland County Detention Facility

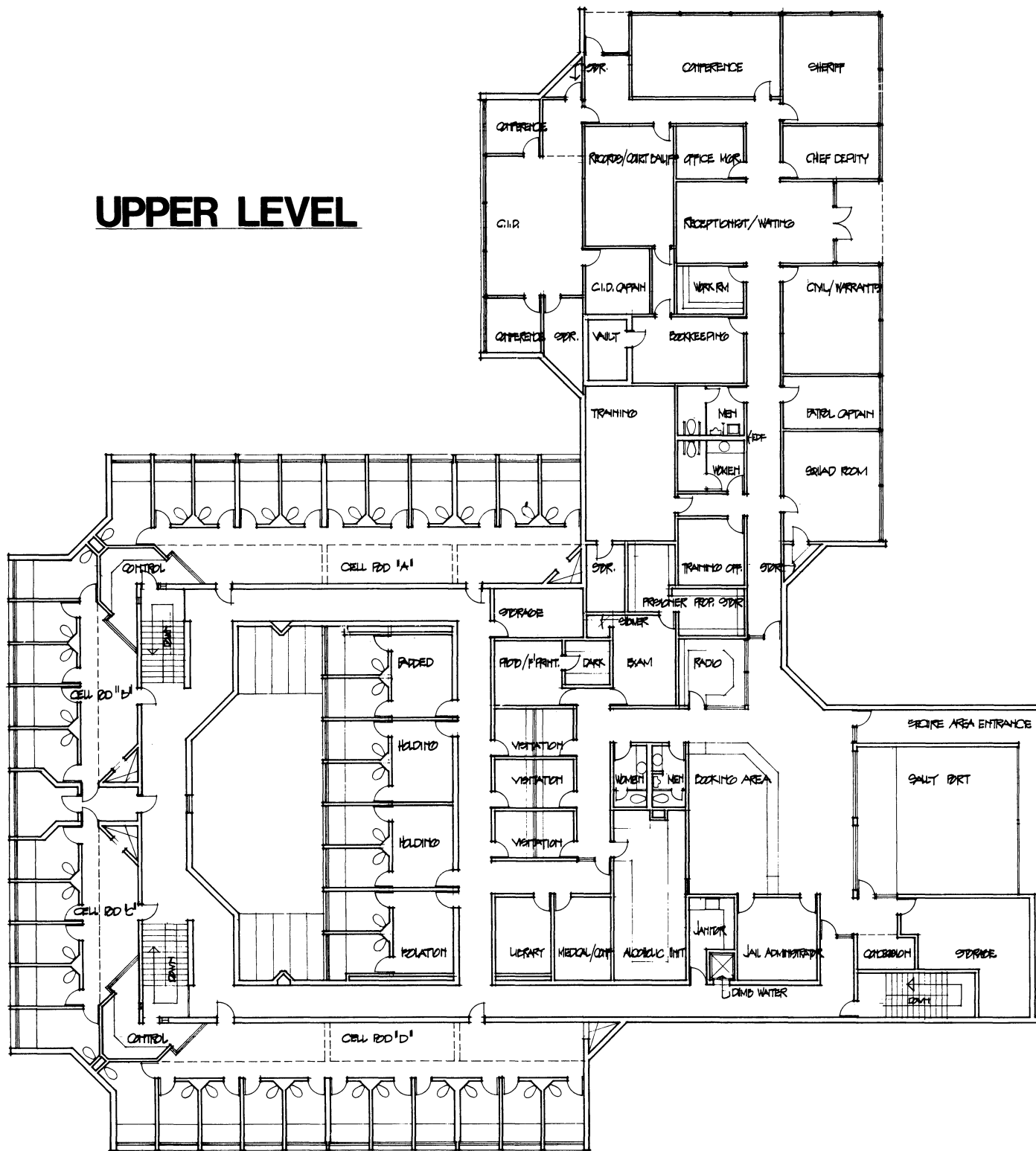
Jurisdiction official: Clay White, Sheriff

**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><b>Groundbreaking:</b> June 1984  <b>Finish date:</b> January 1986  <b>Construction time:</b> 19 months</p>	<p><b>Design capacity:</b> 96  <b>Total cost:</b> \$3,757,412  <b>Total annual operating costs:</b> \$409,910</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance; razor wire at exercise yard  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 80  Double occupancy: 0  Dorms: 0  Special housing: 16  General population: 80  Total: 96</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

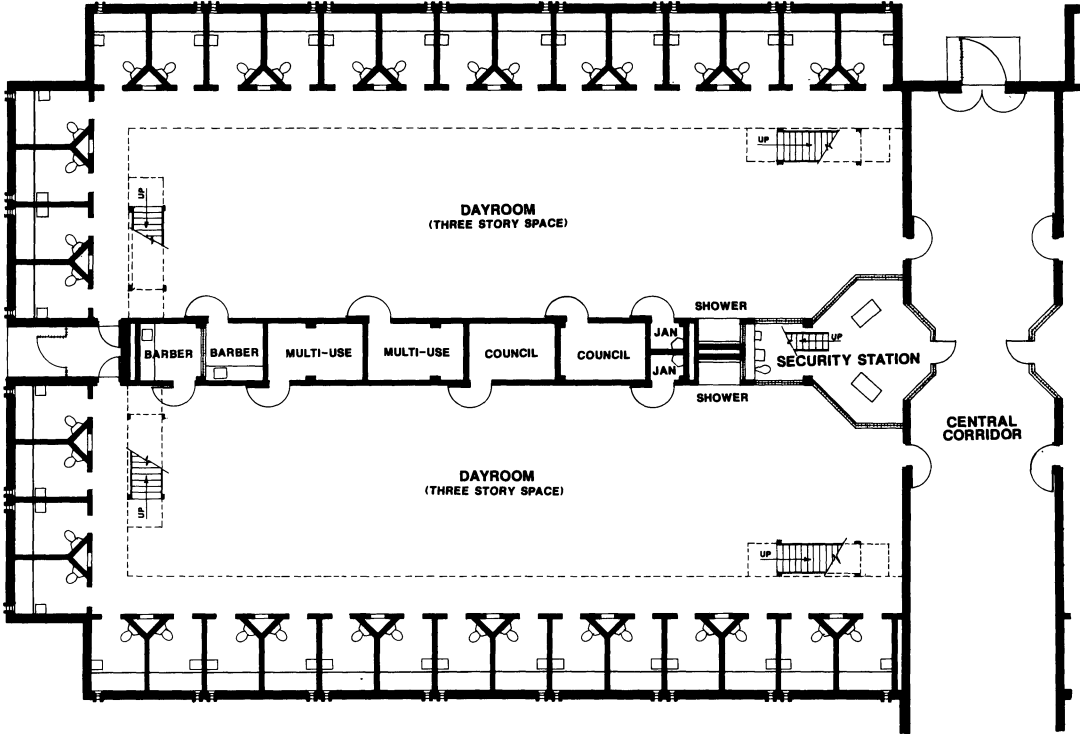


# Maximum Security Unit, Tucker Unit

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><b>Groundbreaking:</b> December 1981  <b>Finish date:</b> February 1986  <b>Construction time:</b> 50 months</p>	<p><b>Design capacity:</b> 492  <b>Total cost:</b> \$10,694,000  <b>Total annual operating costs:</b> \$4,034,006</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Ladder, telephone pole</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on fence; towers; patrols  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 432  Double occupancy: 0  Dorms: 0  Special housing: 60  General population: 432  Total: 492</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

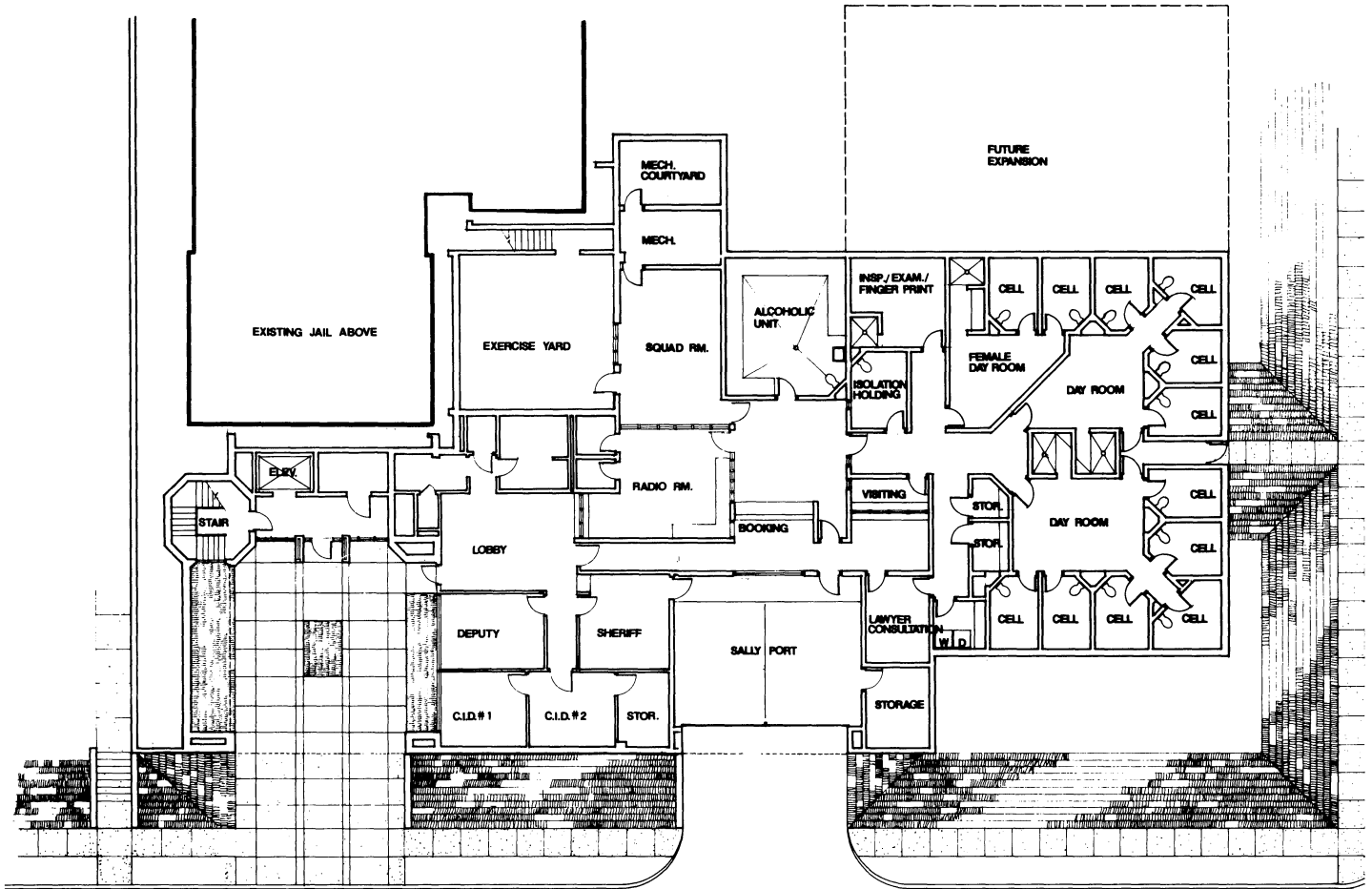
Jurisdiction official: James Steed, Sheriff

**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><b>Groundbreaking:</b> March 1982  <b>Finish date:</b> September 1983  <b>Construction time:</b> 18 months</p>	<p><b>Design capacity:</b> 27  <b>Total cost:</b> \$856,713  <b>Total annual operating costs:</b> \$137,459</p>	<p><b>Category:</b> New, independent facility added to courthouse, with remodel of old jail into county offices  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 13  Double occupancy: 0  Dorms: 0  Special housing: 14  General population: 13  Total: 27</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

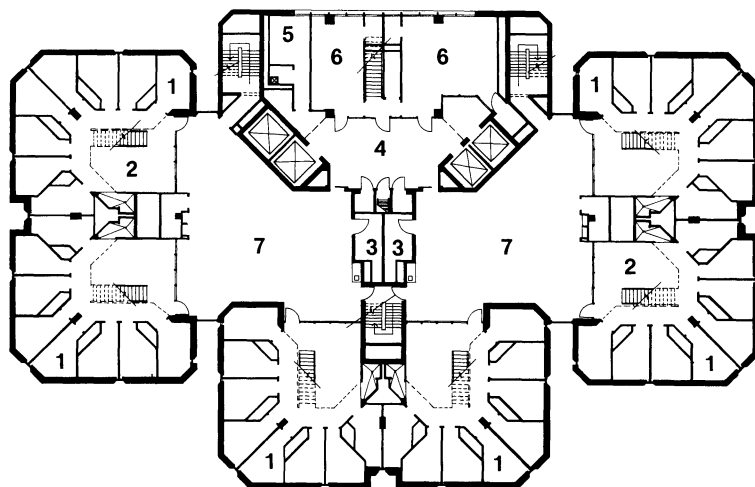
Jurisdiction official: Charles C. Plummer, Sheriff

**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

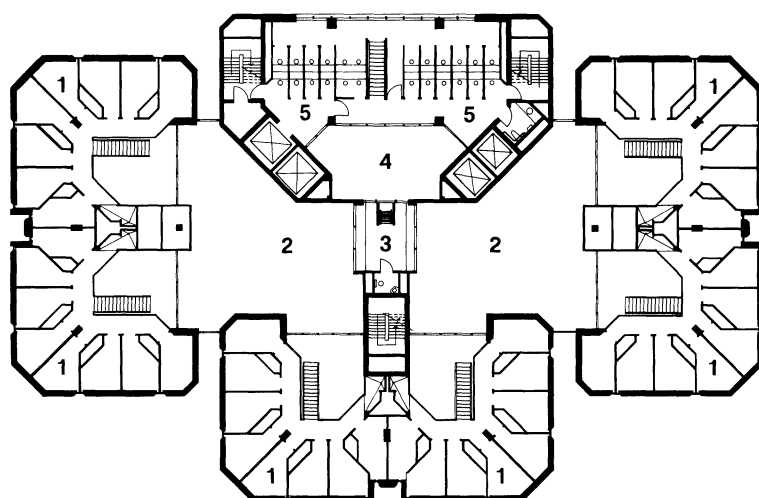
**Construction manager:** None

<p><b>Groundbreaking:</b> May 1978  <b>Finish date:</b> July 1984  <b>Construction time:</b> 74 months</p>	<p><b>Design capacity:</b> 596  <b>Total cost:</b> \$23,000,000  <b>Total annual operating costs:</b> \$10,637,099</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure; high rise; clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 16.5%  Medium: 67%  Minimum: 16.5%</p>	<p><b>Construction type</b></p> <p>Structural: Cast-in-place concrete frame  Exterior walls: Cast-in-place concrete  Interior walls: Gunité  Exterior surface/facade: Unknown</p>	<p><b>Construction process</b></p> <p>Finance method: Local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 576  Double occupancy: 0  Dorms: 0  Special housing: 20  General population: 576  Total: 596</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

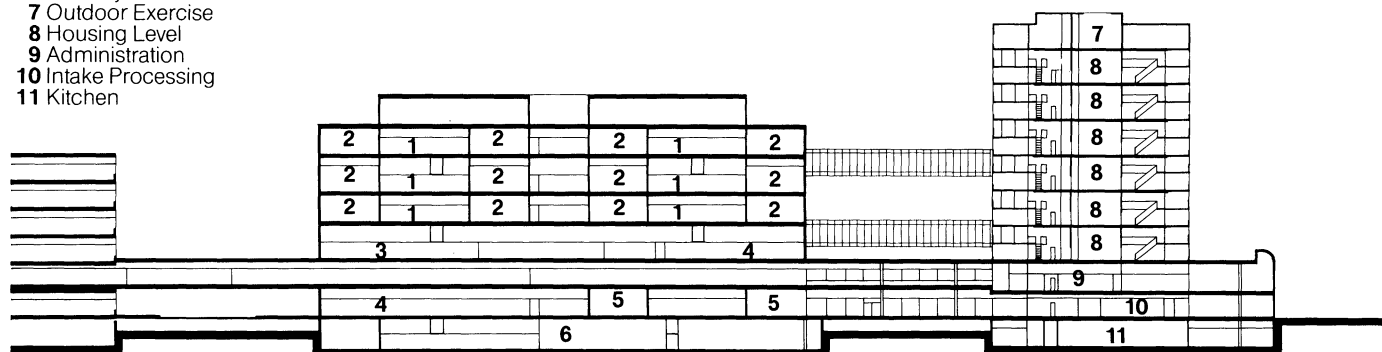


**Typical Mezzanine Level**

- 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



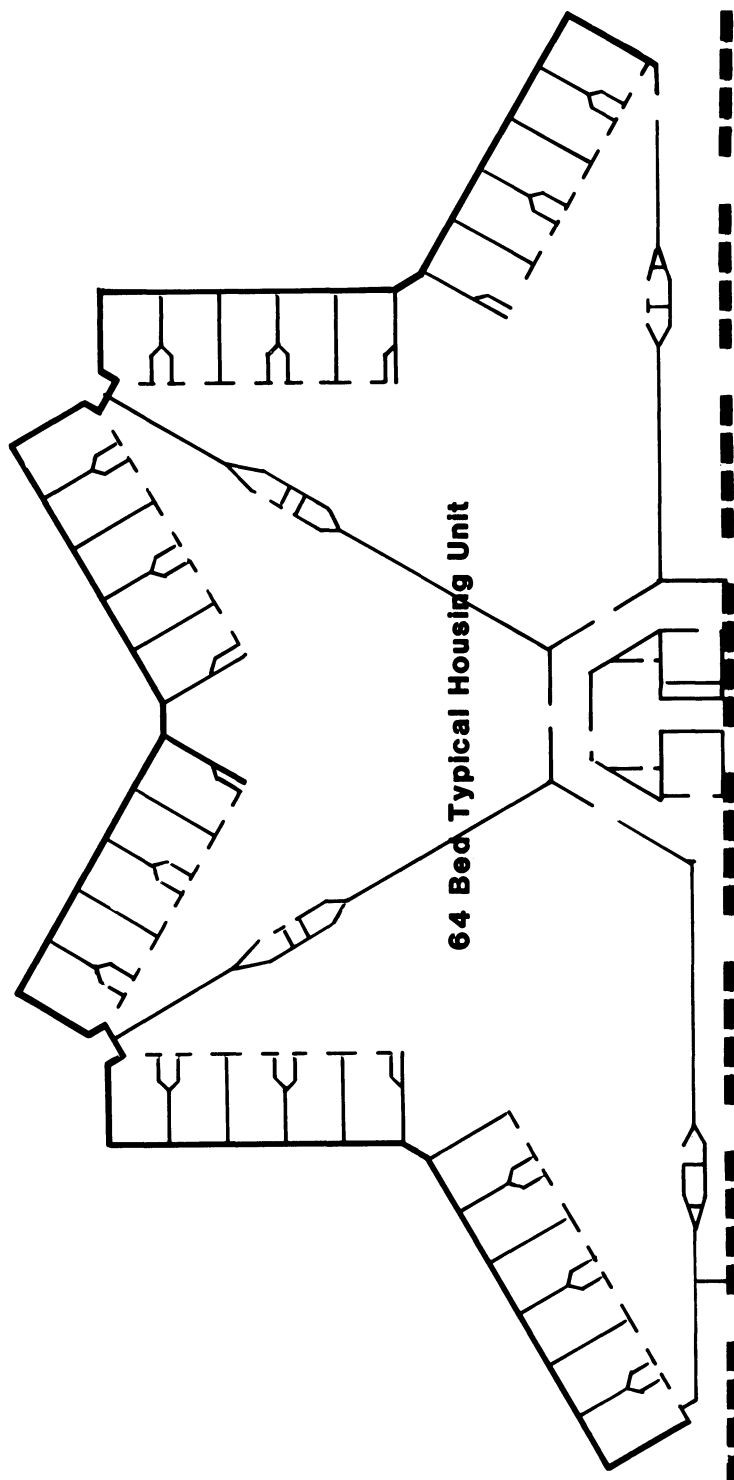
# California Correctional Institution

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><b>Groundbreaking:</b> May 1982  <b>Finish date:</b> March 1986  <b>Construction time:</b> 46 months</p>	<p><b>Design capacity:</b> 1,000  <b>Total cost:</b> \$71,108,726  <b>Total annual operating costs:</b> \$30,250,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Courtyard</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Current staff</b></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><b>Architect's reported analyses</b></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>



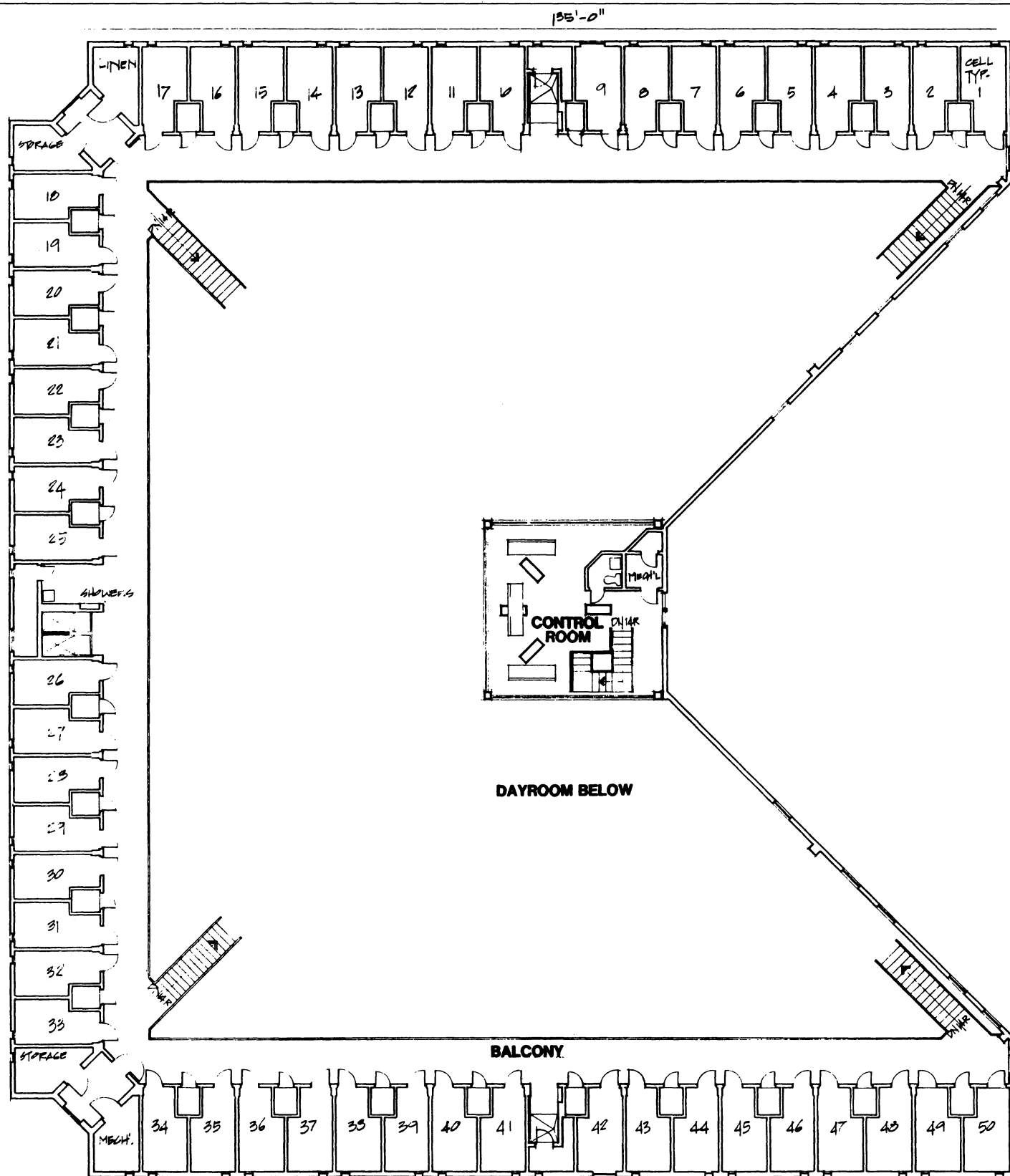


# California Medical Facility—South

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><b>Groundbreaking:</b> January 1984  <b>Finish date:</b> August 1986  <b>Construction time:</b> 31 months</p>	<p><b>Design capacity:</b> 2,404  <b>Total cost:</b> \$111,000,000  <b>Total annual operating costs:</b> \$39,973,996</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; microwave detection system; towers  Inmate security level:  Maximum: 0  Medium: 50%  Minimum: 50%</p>	<p><b>Construction type</b></p> <p>Structural: Precast concrete; steel roof frame  Exterior walls: Precast concrete  Interior walls: Precast concrete  Exterior surface/facade: Concrete</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 1,200  Double occupancy: 0  Dorms: 1,204  Special housing: 0  General population: 2,404  Total: 2,404</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

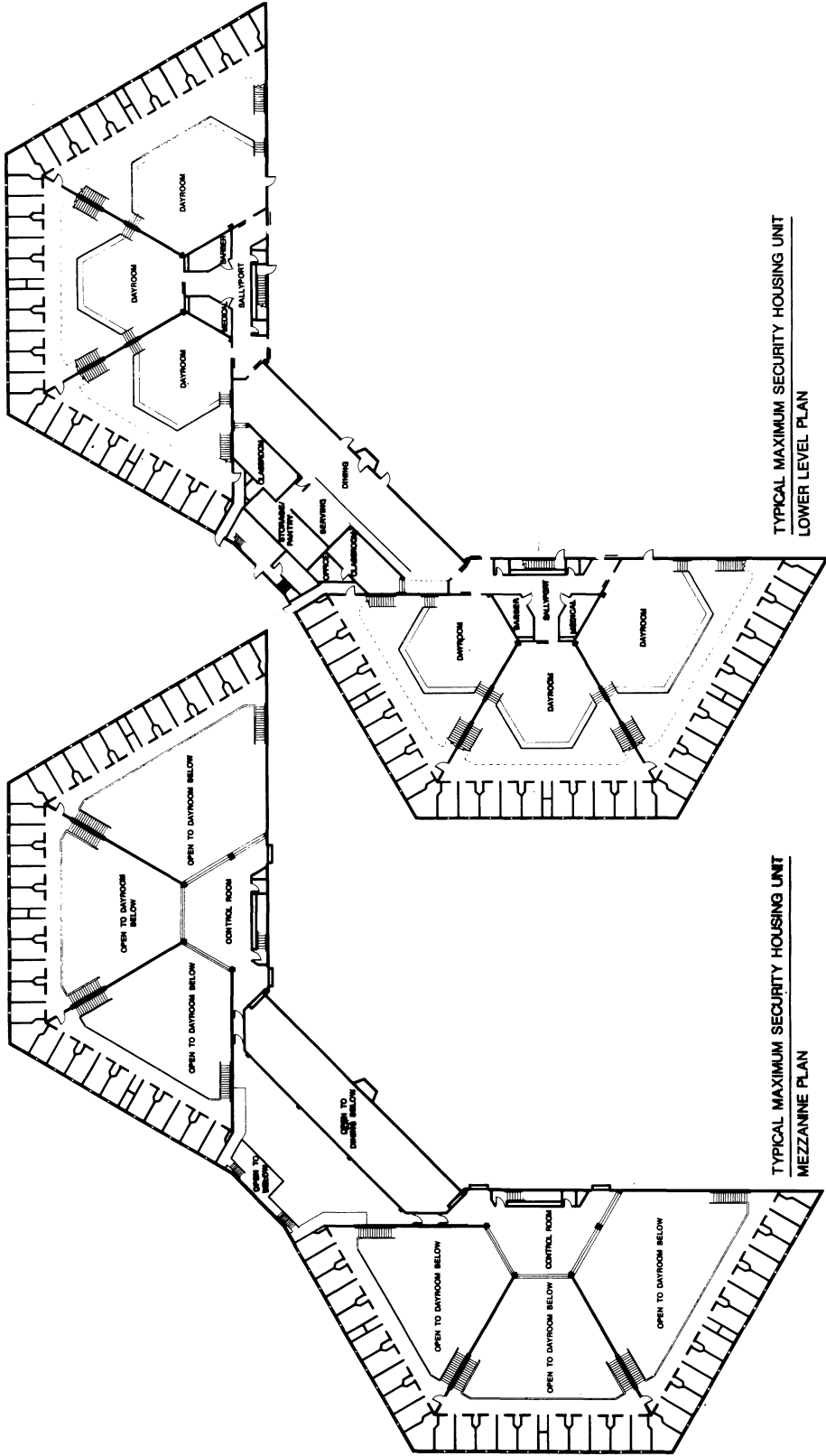
**Contact:** Warden R.G. Borg, California State Prison, P.O. Box 29, Represa, CA 95671, 916-985-8610

**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

<p><b>Groundbreaking:</b> November 1984  <b>Finish date:</b> October 1986  <b>Construction time:</b> 23 months</p>	<p><b>Design capacity:</b> 3,264  <b>Total cost:</b> \$125,962,000  <b>Total annual operating costs:</b> \$24,300,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Courtyard</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 3,072  Dorms: 192  Special housing: 0  General population: 3,264  Total: 3,264</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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

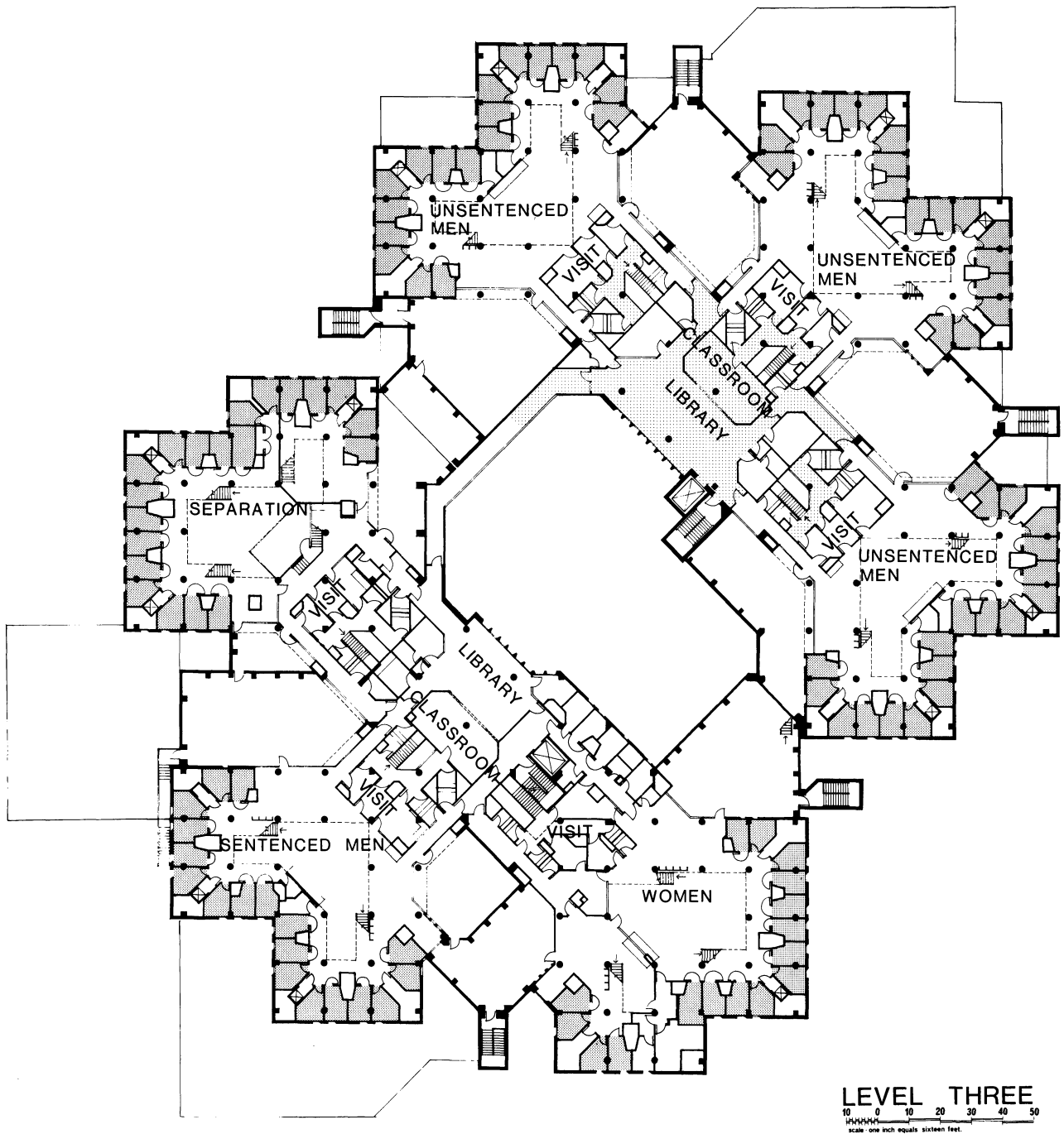
Jurisdiction official: Richard Rainey, Sheriff

**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><b>Groundbreaking:</b> September 1977  <b>Finish date:</b> December 1980  <b>Construction time:</b> 39 months</p>	<p><b>Design capacity:</b> 386  <b>Total cost:</b> \$24,705,000  <b>Total annual operating costs:</b> \$8,736,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, courts  <b>Building configuration:</b> Integrated structure; courtyard; clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 32%  Medium: 68%  Minimum: 0</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 305  Double occupancy: 0  Dorms: 0  Special housing: 81  General population: 305  Total: 386</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architect's reported analyses</b></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>	



## Elmwood—Barracks 24 (Addition)

Jurisdiction official: Robert E. Winter, Sheriff

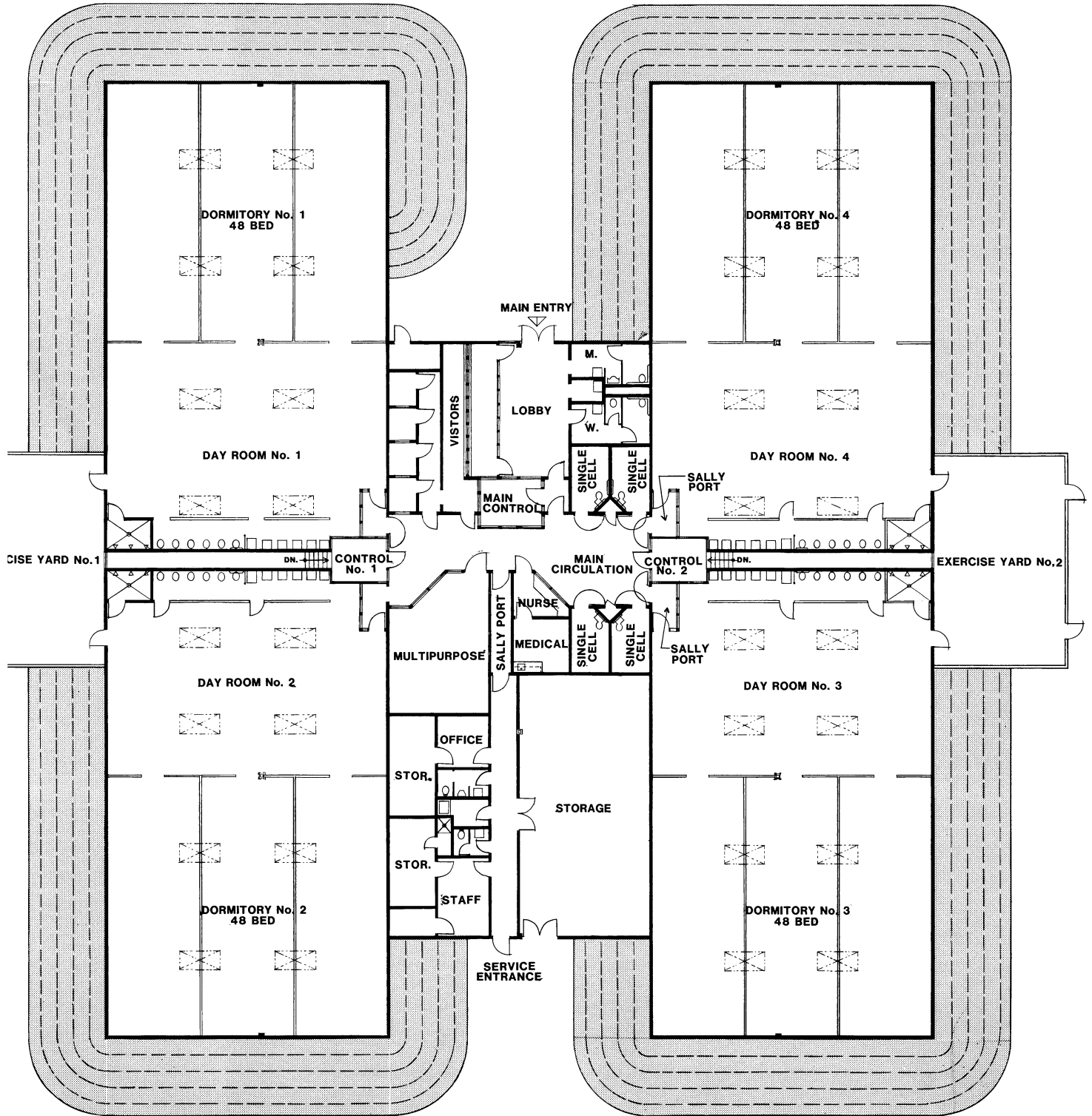
**Contact:** Captain Dean Madeira, Facility Commander, Elmwood—Barracks 24, 701 South Abel Street, Milpitas, CA 95035, 408-299-2280

**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><b>Groundbreaking:</b> April 1985  <b>Finish date:</b> August 1985  <b>Construction time:</b> 4 months</p>	<p><b>Design capacity:</b> 196  <b>Total cost:</b> \$3,158,000  <b>Total annual operating costs:</b> \$226,500 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence with razor wire; alarm/detection systems; camera surveillance  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 4  Double occupancy: 0  Dorms: 192  Special housing: 0  General population: 196  Total: 196</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

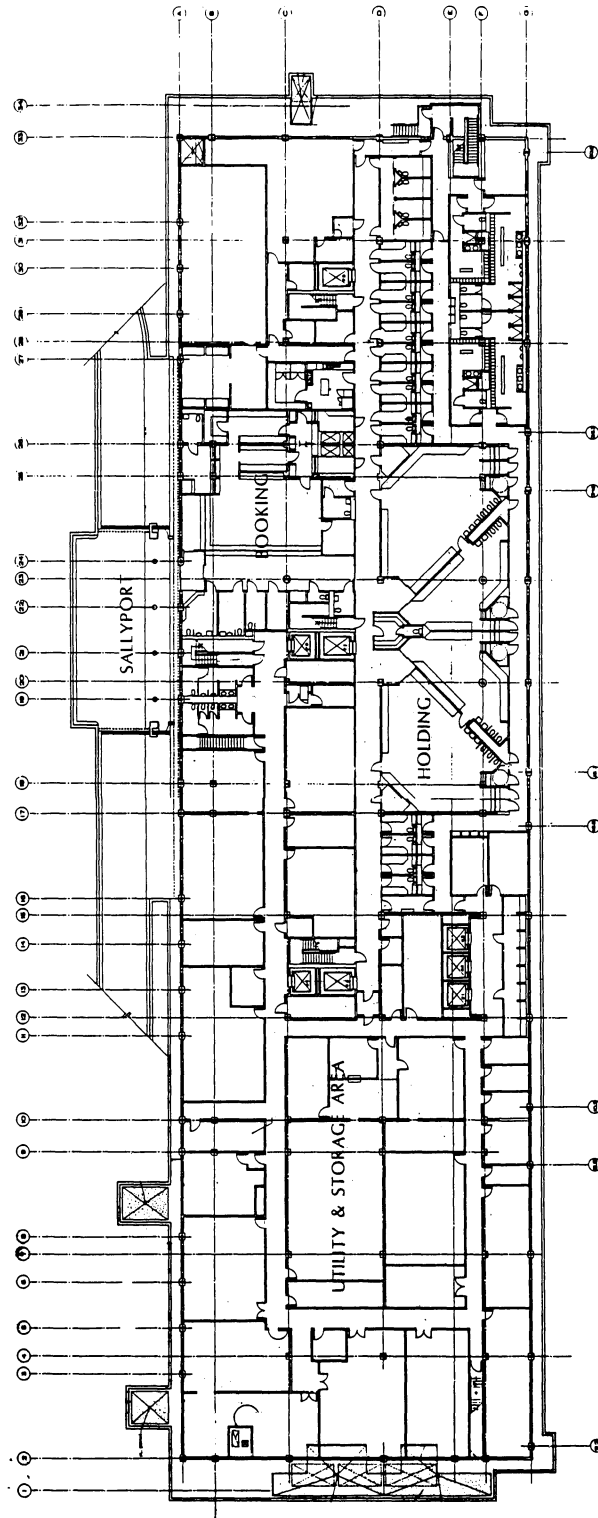
Jurisdiction official: Harry Mays, County Attorney's Office

**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><b>Groundbreaking:</b> May 1983  <b>Finish date:</b> December 1986  <b>Construction time:</b> 41 months</p>	<p><b>Design capacity:</b> 94  <b>Total cost:</b> \$33,000,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: court, holding facility  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only          Inmate security level:            Maximum: 12%            Medium: 60%            Minimum: 28%</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame; isolation foundation          Exterior walls: Precast panels (GFRC)          Interior walls: CMU block          Exterior surface/facade: Textured concrete (GFRC)</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds          Contract method: Construction management fast track          Use of inmate labor: None          Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 26          Double occupancy: 4          Dorms: 64          Special housing: 0          General population: 94          Total: 94</p> <p><b>Current staff</b></p> <p>Full-time equivalent:            Administration: Unknown            Security: Unknown            Programs/treatment: Unknown            Maintenance: Unknown            Total: Unknown          Current inmate/staff ratio: Unknown</p>	<p><b>Architect's reported analyses</b></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

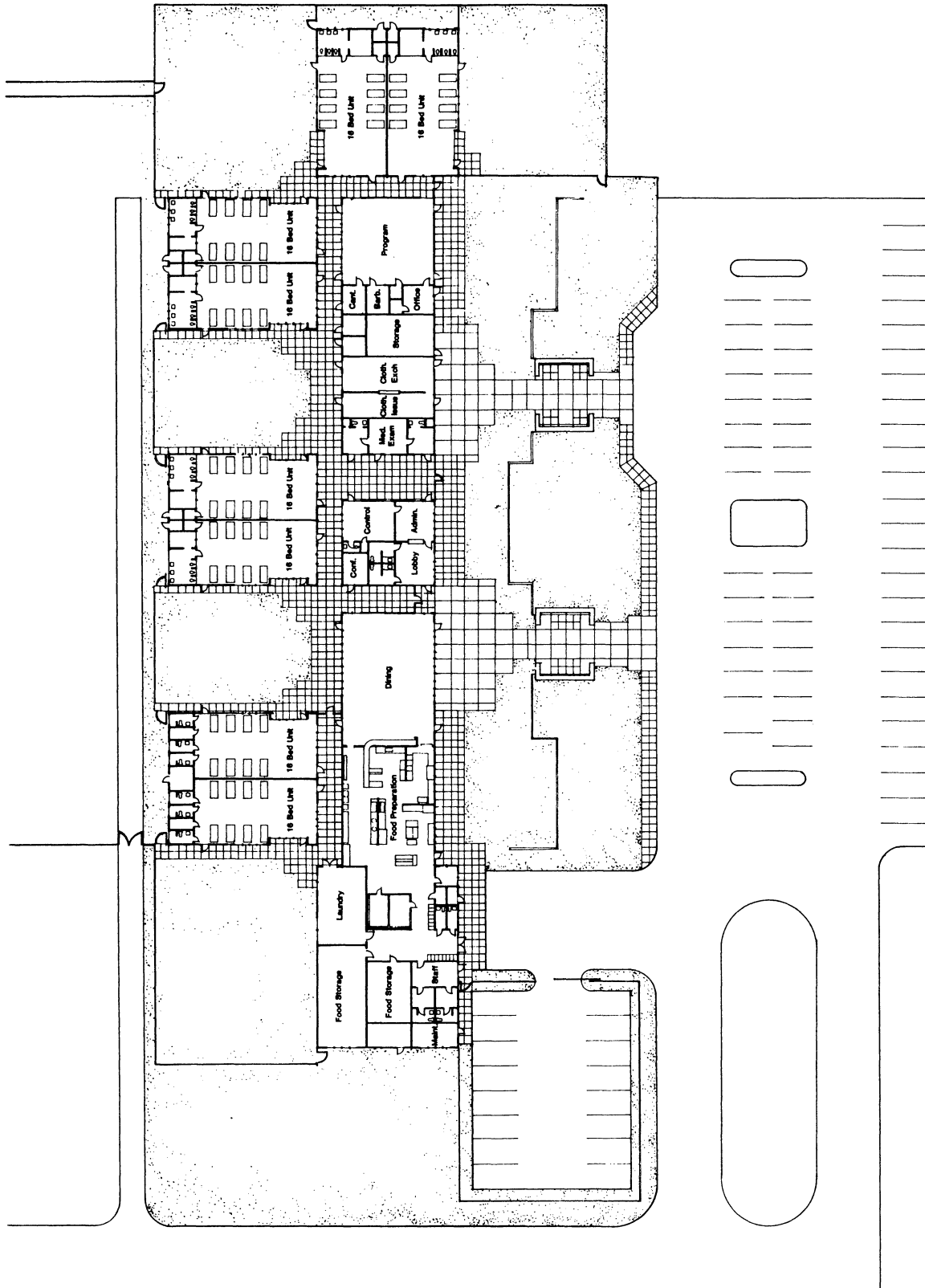
Jurisdiction official: Tom Clark, Sheriff

**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><b>Groundbreaking:</b> March 1985  <b>Finish date:</b> December 1985  <b>Construction time:</b> 9 months</p>	<p><b>Design capacity:</b> 128  <b>Total cost:</b> \$2,850,000  <b>Total annual operating costs:</b> \$1,080,347</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence  Inmate security level:  Maximum: 0  Medium: 0  Minimum: 100%</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 128  Special housing: 0  General population: 128  Total: 128</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

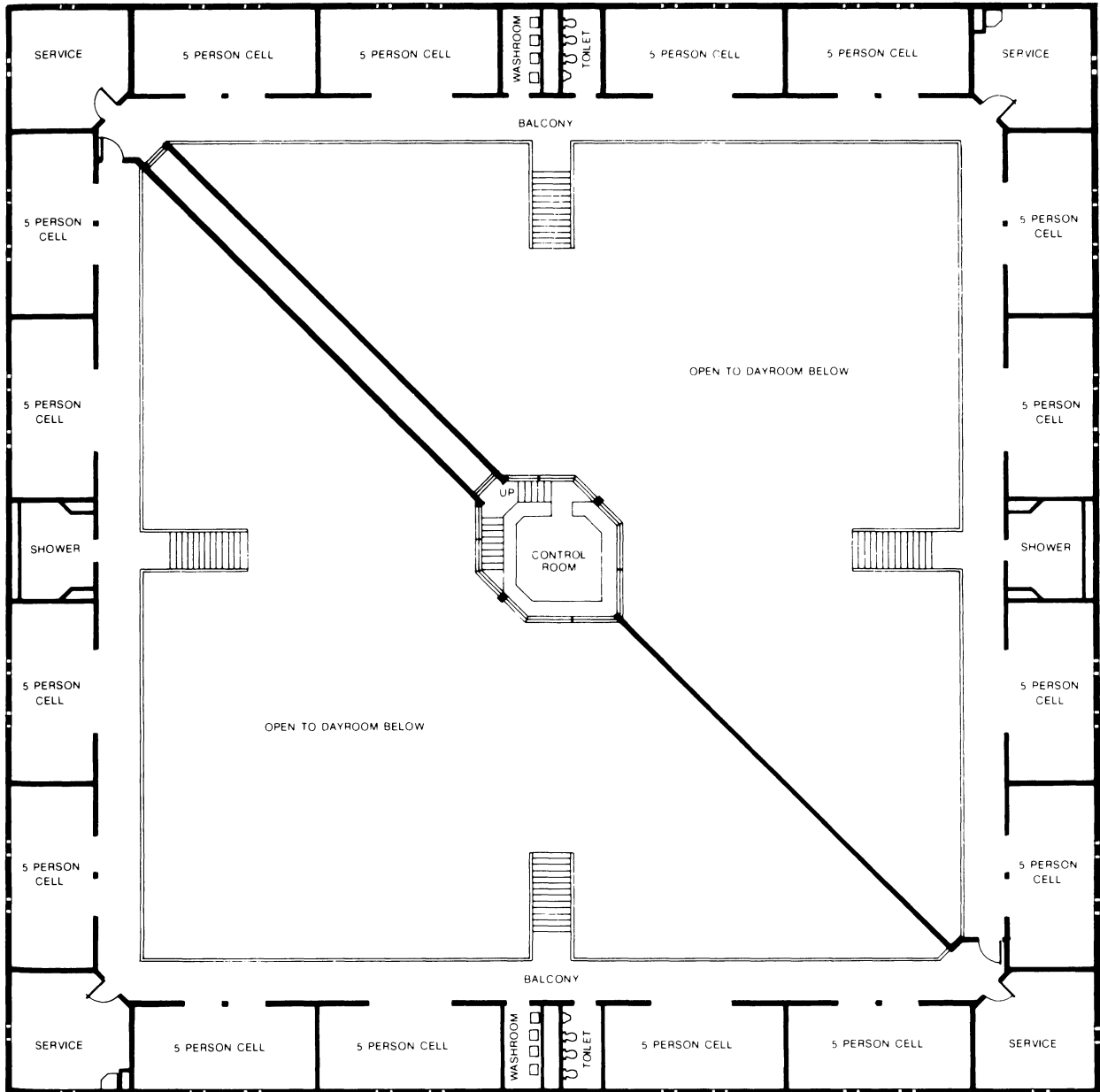
Jurisdiction official: Brad Gates, Sheriff

**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><b>Groundbreaking:</b> August 1985  <b>Finish date:</b> March 1986  <b>Construction time:</b> 7 months</p>	<p><b>Design capacity:</b> 180  <b>Total cost:</b> \$2,350,000  <b>Total annual operating costs:</b> \$1,195,815 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 180  Special housing: 0  General population: 180  Total: 180</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

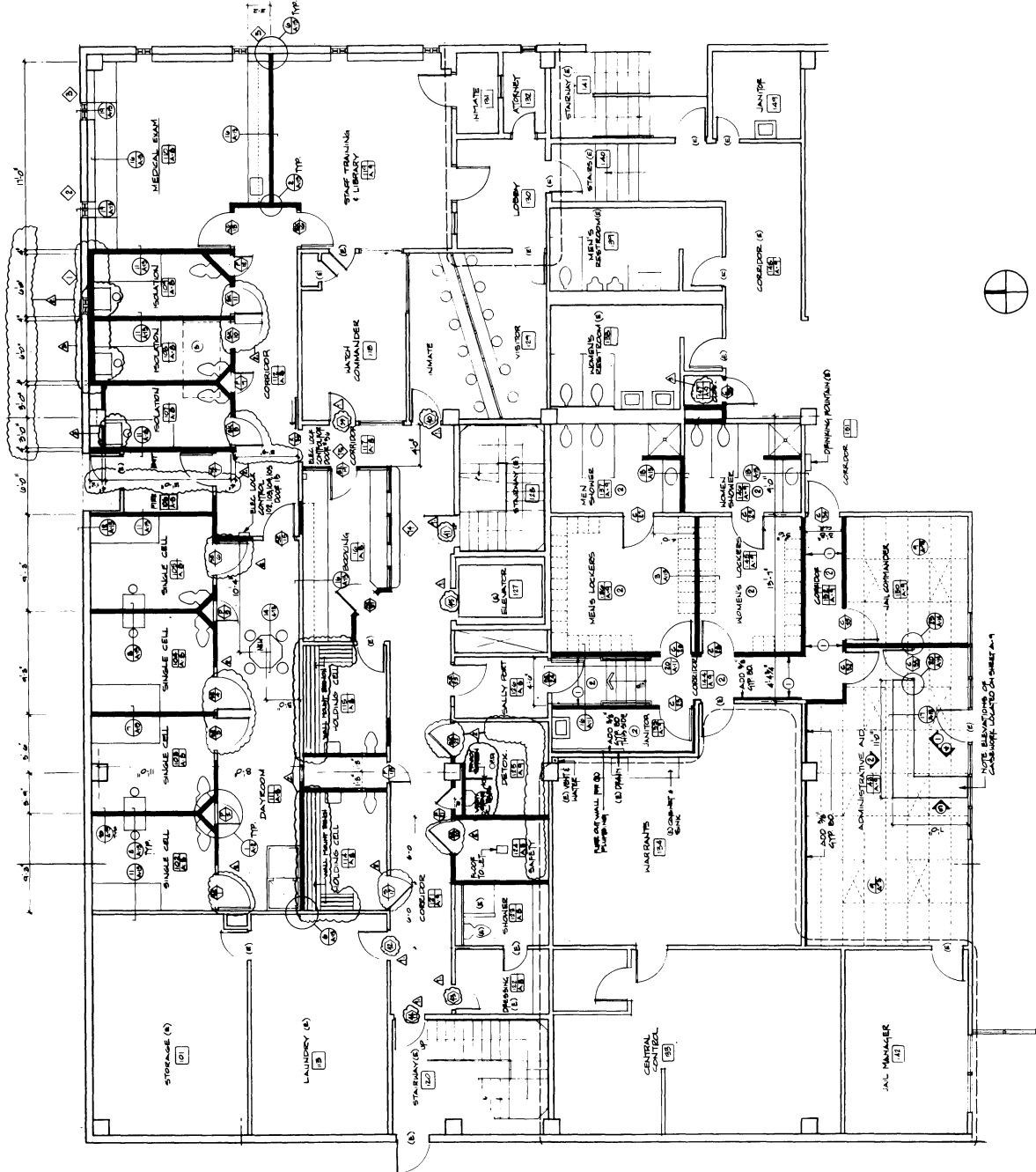
**Contact:** Sergeant Bob Hammill, Facility Manager, Nevada County Detention Center, 10433 Willow Valley Road, Nevada City, CA 95959, 916-265-9061

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

**Construction manager:** None

<p><b>Groundbreaking:</b> March 1985  <b>Finish date:</b> November 1985  <b>Construction time:</b> 8 months</p>	<p><b>Design capacity:</b> 48  <b>Total cost:</b> \$221,416  <b>Total annual operating costs:</b> \$387,000</p>	<p><b>Category:</b> Remodel/renovation  <b>Facility type:</b> Restitution center of main jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Existing; new metal frame and security mesh  Inmate security level:  Maximum: 0  Medium: 0  Minimum: 100%</p>	<p><b>Construction type</b></p> <p>Structural: Wood frame  Exterior walls: Poured in place concrete (existing)  Interior walls: Wood frame and plaster  Exterior surface/facade: Plaster</p>	<p><b>Construction process</b></p> <p>Finance method: Local funds; State funds  Contract method: Conventional  Use of inmate labor: Yes, painting  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 2  Double occupancy: 14  Dorms: 32  Special housing: 0  General population: 48  Total: 48</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>





SCALE: 1/4" = 1'-0"

FIRST FLOOR PLAN

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

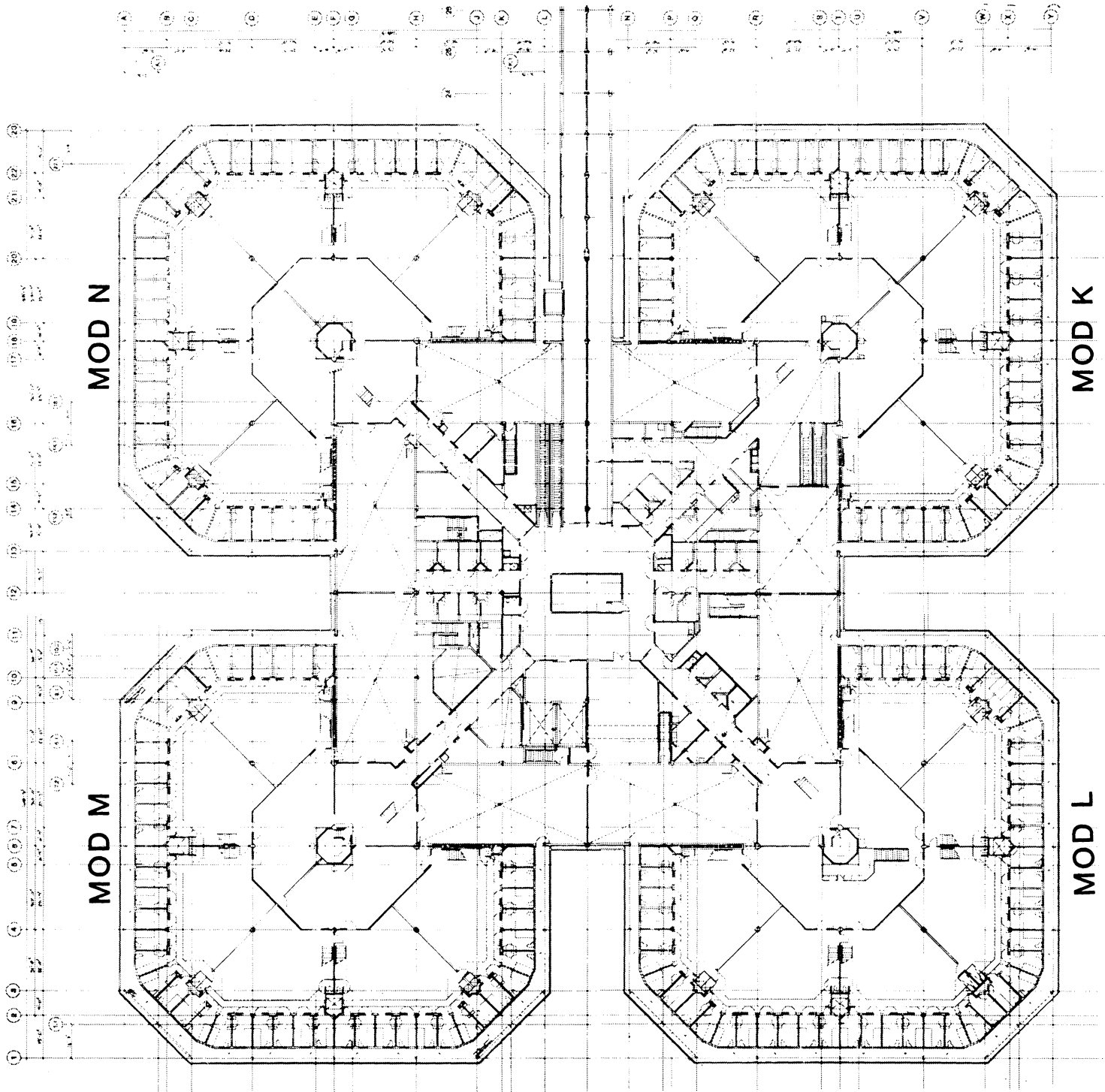
Jurisdiction official: Brad Gates, Sheriff-Coroner

**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><b>Groundbreaking:</b> July 1985 <b>Finish date:</b> January 1988 <b>Construction time:</b> 29 months</p>	<p><b>Design capacity:</b> 1,139 <b>Total cost:</b> \$43,500,000 <b>Total annual operating costs:</b> \$24,982,702 (entire facility)</p>	<p><b>Category:</b> New, ancillary building; remodeling/renovation project; expansion project <b>Facility type:</b> County jail <b>Building configuration:</b> Integ. structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 20% Medium: 80% Minimum: 0</p>	<p>Structural: Steel frame Exterior walls: CMU block; architectural precast Interior walls: CMU block Exterior surface/facade: Textured concrete; colored concrete</p> <p><b>Inmate design capacity</b></p>	<p><b>Construction process</b></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><b>Inmate cells</b></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>Single occupancy: 384 Double occupancy: 0 Dorms: 0 Special housing: 755 General population: 384 Total: 1,139</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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</p> <p>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

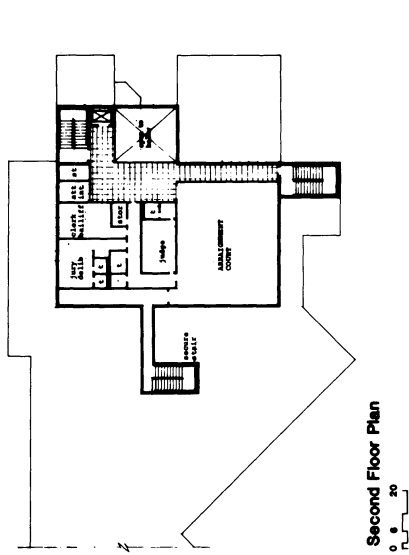
**Contact:** Captain Marvin Jacinto, Placer County Jail, DeWitt Center, P.O. Box 6990, Auburn, CA 95603, 916-823-4561

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

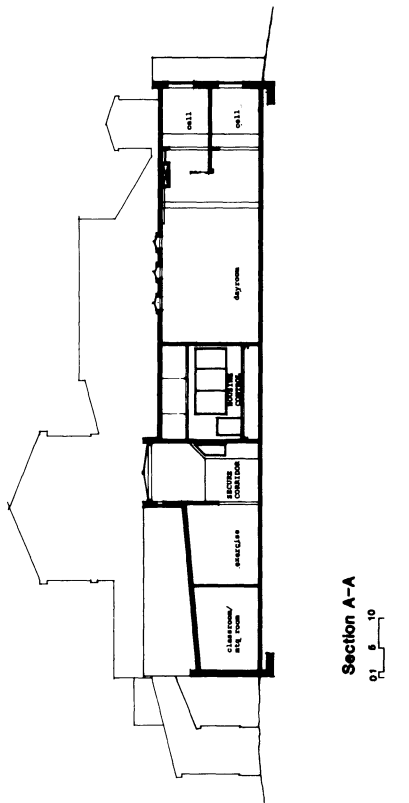
Crippen, Lichau, Minta, 1115 High Street, Auburn, CA 95603, 916-885-7178

**Construction manager:** None

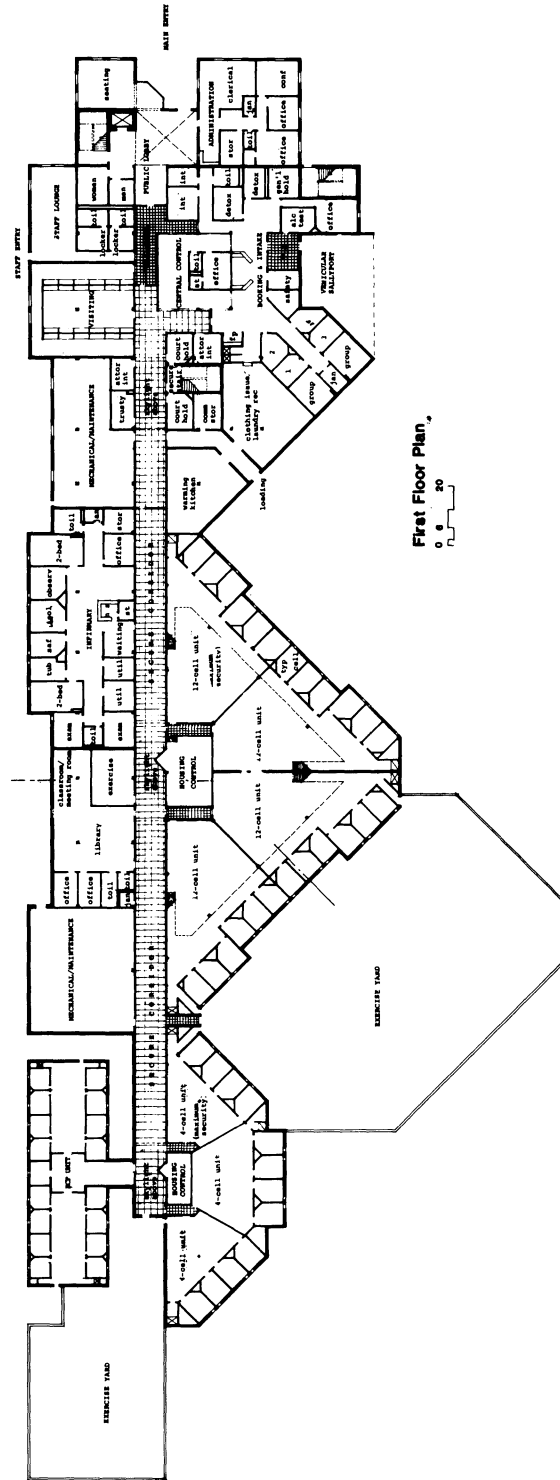
<p><b>Groundbreaking:</b> November 1983  <b>Finish date:</b> April 1985  <b>Construction time:</b> 17 months</p>	<p><b>Design capacity:</b> 212  <b>Total cost:</b> \$4,886,000  <b>Total annual operating costs:</b> \$2,305,029 (addition only)</p>	<p><b>Category:</b> New, ancillary building; phased project (future); temporary facility/housing  <b>Facility type:</b> Complex: county jail, arraignment court  <b>Building configuration:</b> Integ. structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction process</b></p> <p>Finance method: Local and State funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 4          Double occupancy: 144          Dorms: 0          Special housing: 64          General population: 148          Total: 212</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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          Factors affecting time schedule:          Postive: 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><b>Groundbreaking:</b> October 1984  <b>Finish date:</b> December 1985  <b>Construction time:</b> 14 months</p>	<p><b>Design capacity:</b> 35  <b>Total cost:</b> \$1,221,227  <b>Total annual operating costs:</b> \$232,600</p>	<p><b>Category:</b> Remodel/renovation  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction process</b></p> <p>Finance method: Local funds; State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 12  Double occupancy: 0  Dorms: 20  Special housing: 3  General population: 32  Total: 35</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

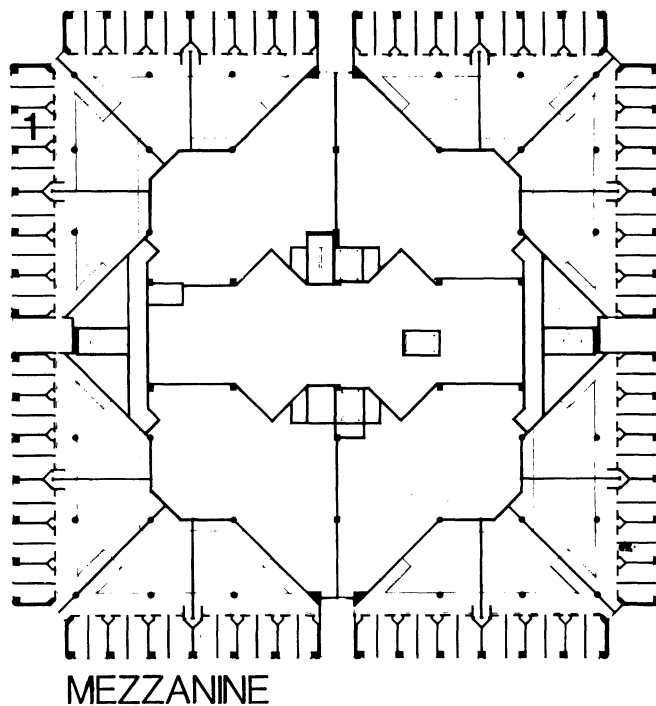
**Contact:** Commander William A. Wade, Ventura County Sheriff's Department, 800 South Victoria Avenue, Ventura, CA 93009, 805-654-2305

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

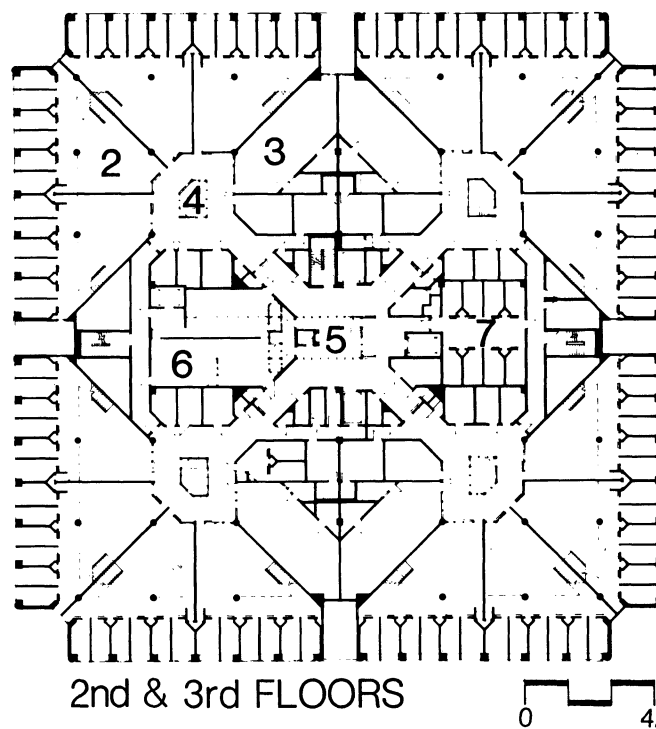
**Construction manager:** Turner Construction Company, 445 South Figueroa, Los Angeles, CA 90017, 213-683-1430

<p><b>Groundbreaking:</b> December 1977  <b>Finish date:</b> February 1981  <b>Construction time:</b> 38 months</p>	<p><b>Design capacity:</b> 434  <b>Total cost:</b> \$32,000,000  <b>Total annual operating costs:</b> \$9,400,000</p>	<p><b>Category:</b> New independent facility  <b>Facility type:</b> Complex: county jail, law enforcement, other  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Precast panels; architectural precast  Interior walls: CMU block  Exterior surface/facade: Colored concrete</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 400  Double occupancy: 0  Dorms: 0  Special housing: 34  General population: 400  Total: 434</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>





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



# Richard J. Donovan Correctional Facility at Rock Mountain

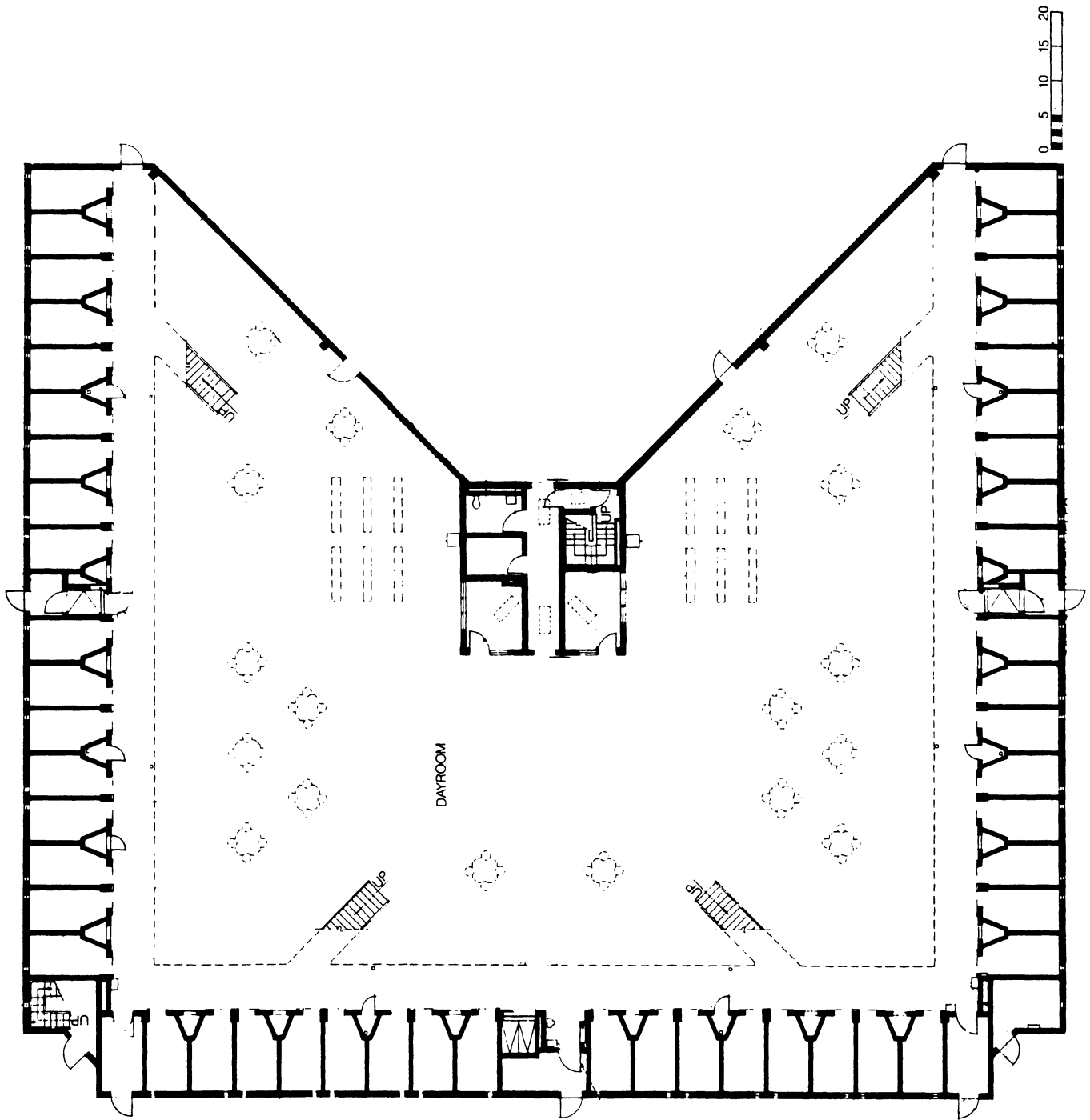
Jurisdiction official: James Rowland, Director, Department of Corrections

**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><b>Groundbreaking:</b> May 1985  <b>Finish date:</b> September 1987  <b>Construction time:</b> 28 months</p>	<p><b>Design capacity:</b> 2,200  <b>Total cost:</b> \$155,450,204  <b>Total annual operating costs:</b> \$30,781,132</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Courtyard; clusters; campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on fences; towers  Inmate security level:  Maximum: 0  Medium: 90%  Minimum: 10%</p>	<p><b>Construction type</b></p> <p>Structural: Load-bearing precast panels; steel frame  Exterior walls: Precast panels  Interior walls: CMU block  Exterior surface/facade: Natural wall</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 2,000  Double occupancy: 0  Dorms: 192  Special housing: 8  General population: 2,192  Total: 2,200</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

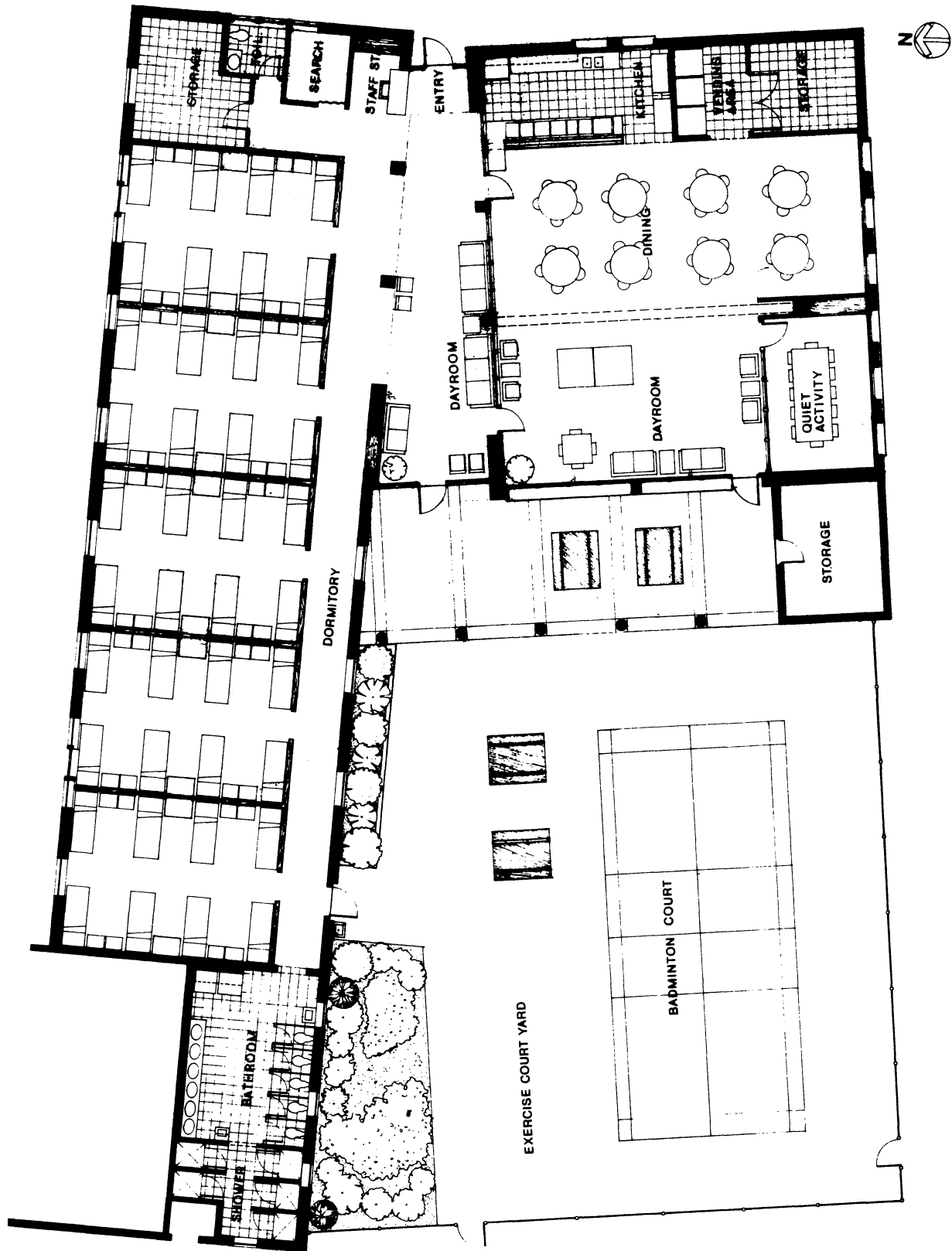
Jurisdiction official: John Zunino, Sheriff/Coroner

**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><b>Groundbreaking:</b> September 1985  <b>Finish date:</b> June 1986  <b>Construction time:</b> 9 months</p>	<p><b>Design capacity:</b> 40  <b>Total cost:</b> \$616,000  <b>Total annual operating costs:</b> N/A (expansion)</p>	<p><b>Category:</b> Expansion project  <b>Facility type:</b> County jail (women's facility)  <b>Building configuration:</b> Integrated structure; addition to one building</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; single fence  Inmate security level:  Maximum: 0  Medium: 0  Minimum: 100%</p>	<p><b>Construction type</b></p> <p>Structural: CMU block  Exterior walls: CMU block  Interior walls: Dry wall  Exterior surface/facade: Split faced block, natural finish</p>	<p><b>Construction process</b></p> <p>Finance method: Local funds  Contract method: Conventional  Use of inmate labor: Limited; demolition  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 40  Special housing: 0  General population: 40  Total: 40</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></p> <p>Factors affecting construction costs:  Positive: None  Negative: None</p> <p>Factors affecting time schedule:  Positive: None  Negative: None</p>



# Santa Barbara County Main Jail (Expansion)

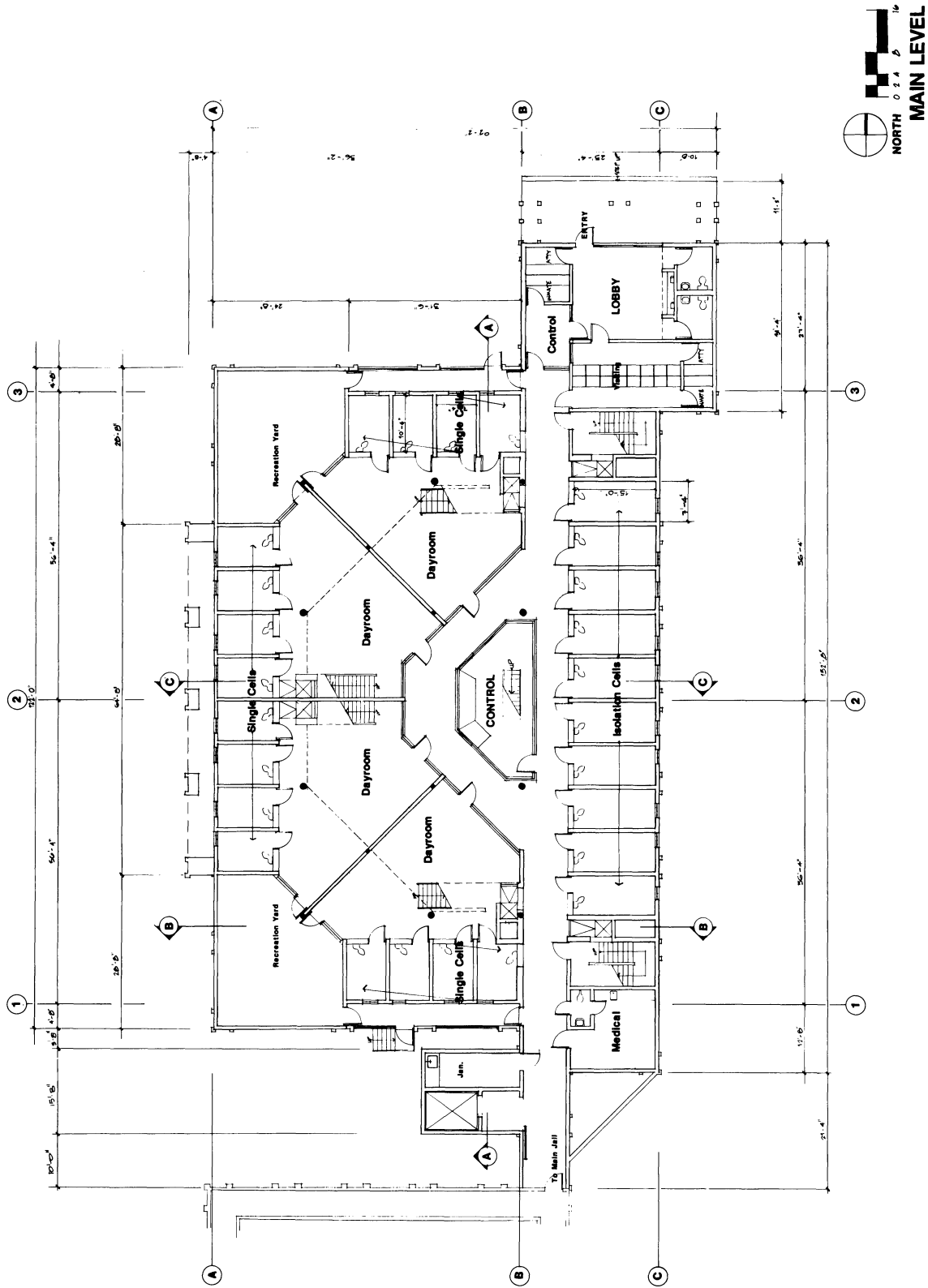
Jurisdiction official: John W. Carpenter, Sheriff

**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><b>Groundbreaking:</b> December 1985 <b>Finish date:</b> June 1987 <b>Construction time:</b> 18 months</p>	<p><b>Design capacity:</b> 68 <b>Total cost:</b> \$3,450,700 <b>Total annual operating costs:</b> N/A (expansion)</p>	<p><b>Category:</b> Expansion project <b>Facility type:</b> County jail <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 25% Medium: 75% Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 16 Double occupancy: 32 Dorms: 0 Special housing: 20 General population: 48 Total: 68</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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>



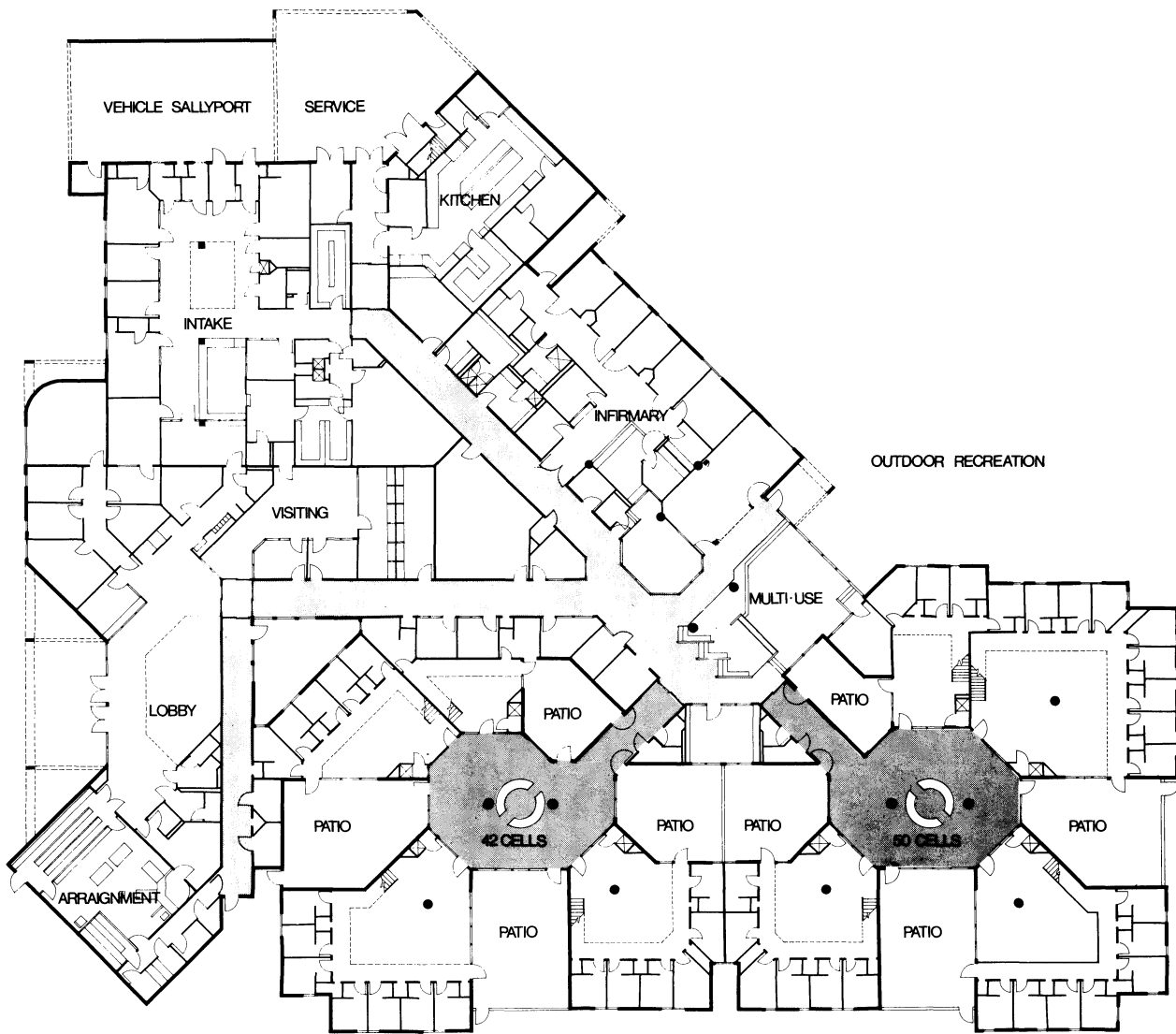
# Santa Cruz County Jail (Phase I)

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><b>Groundbreaking:</b> February 1979  <b>Finish date:</b> May 1981  <b>Construction time:</b> 27 months</p>	<p><b>Design capacity:</b> 96  <b>Total cost:</b> \$8,400,000  <b>Total annual operating costs:</b> \$3,799,332</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure; clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; alarm/detection system  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Revenue sharing; other Federal funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 92  Double occupancy: 0  Dorms: 0  Special housing: 4  General population: 92  Total: 96</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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**

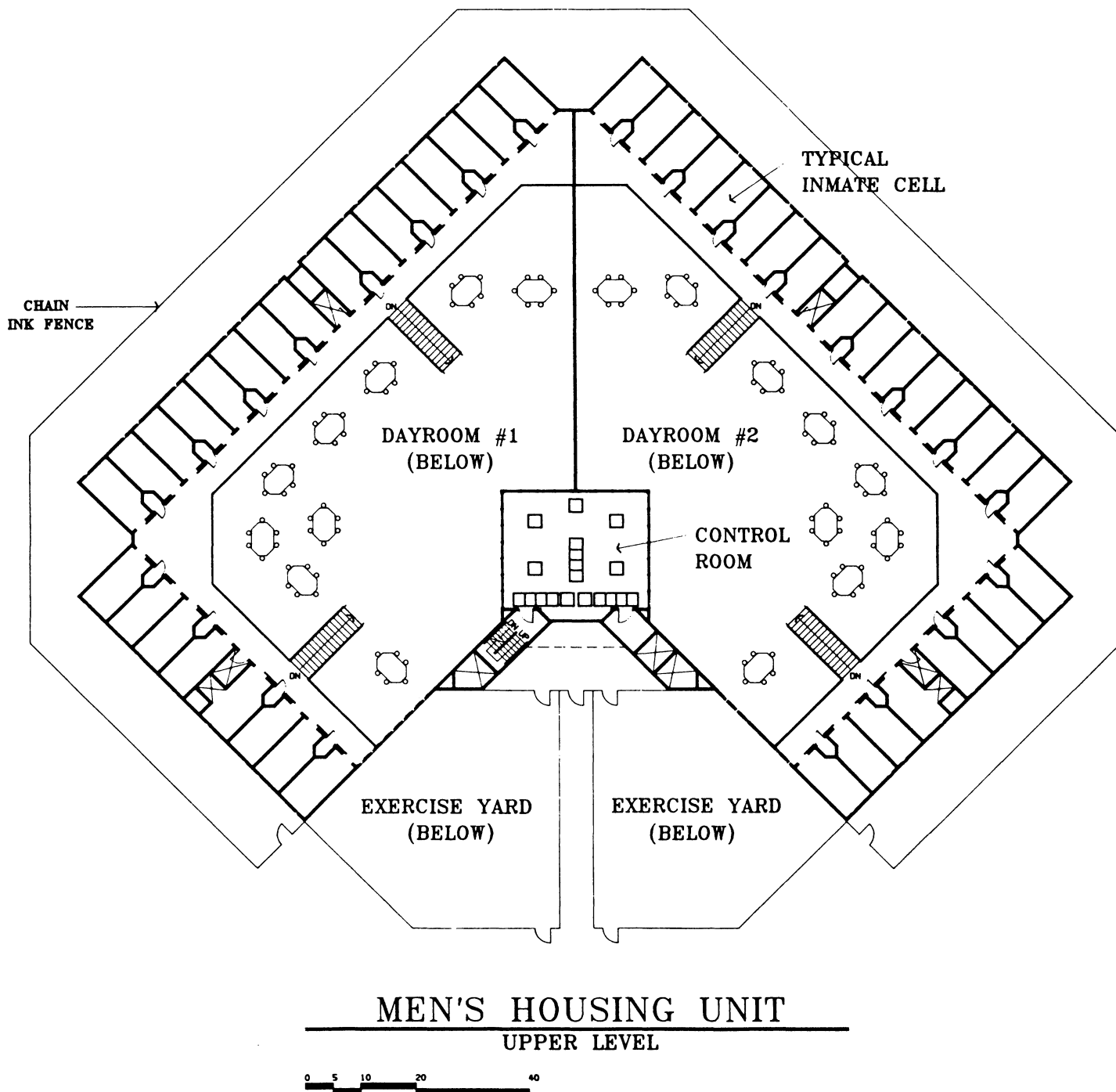


# Sequoia Field Detention Facility

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><b>Groundbreaking:</b> November 1985  <b>Finish date:</b> April 1987  <b>Construction time:</b> 17 months</p>	<p><b>Design capacity:</b> 436  <b>Total cost:</b> \$21,300,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; razor wire on fence; video camera surveillance  Inmate security level:  Maximum: 13%  Medium: 75%  Minimum: 12%</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 336  Double occupancy: 0  Dorms: 48  Special housing: 52  General population: 384  Total: 436</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

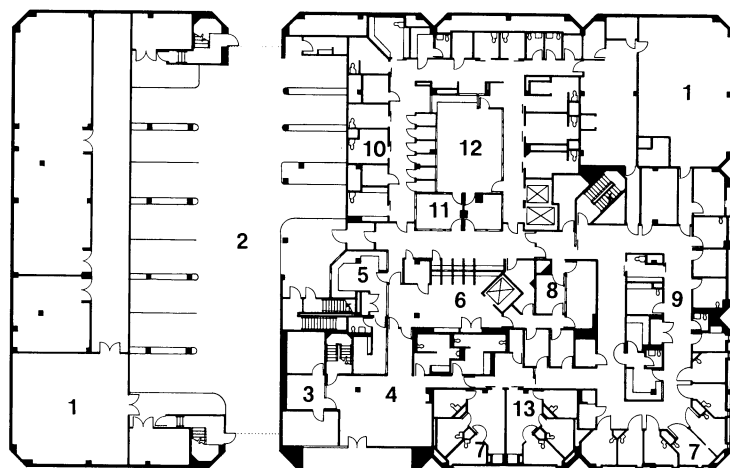
Jurisdiction official: Phil D. Eoff, Sheriff

**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

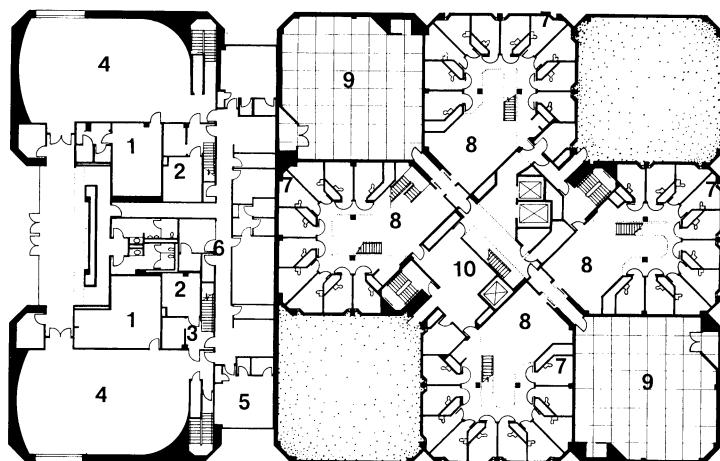
**Construction manager:** M. Hill Company, 1525 Court Street, Redding, CA 96001, 916-441-3955

<p><b>Groundbreaking:</b> November 1982  <b>Finish date:</b> June 1984  <b>Construction time:</b> 19 months</p>	<p><b>Design capacity:</b> 250  <b>Total cost:</b> \$14,500,000  <b>Total annual operating costs:</b> \$4,753,529</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex, county jail, courts  <b>Building configuration:</b> Integrated structure, high rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only              Inmate security level:                  Maximum: 16%                  Medium: 68%                  Minimum: 16%</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 240              Double occupancy: 0              Dorms: 0              Special housing: 10              General population: 240              Total: 250</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architects' reported analyses</b></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>	



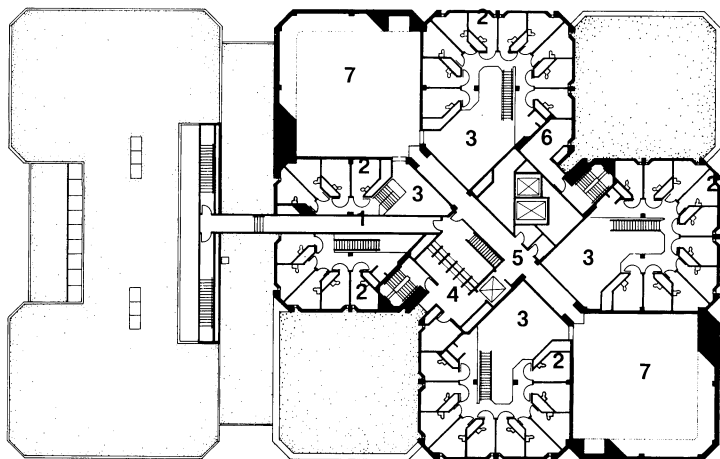
**Ground Level**

- 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

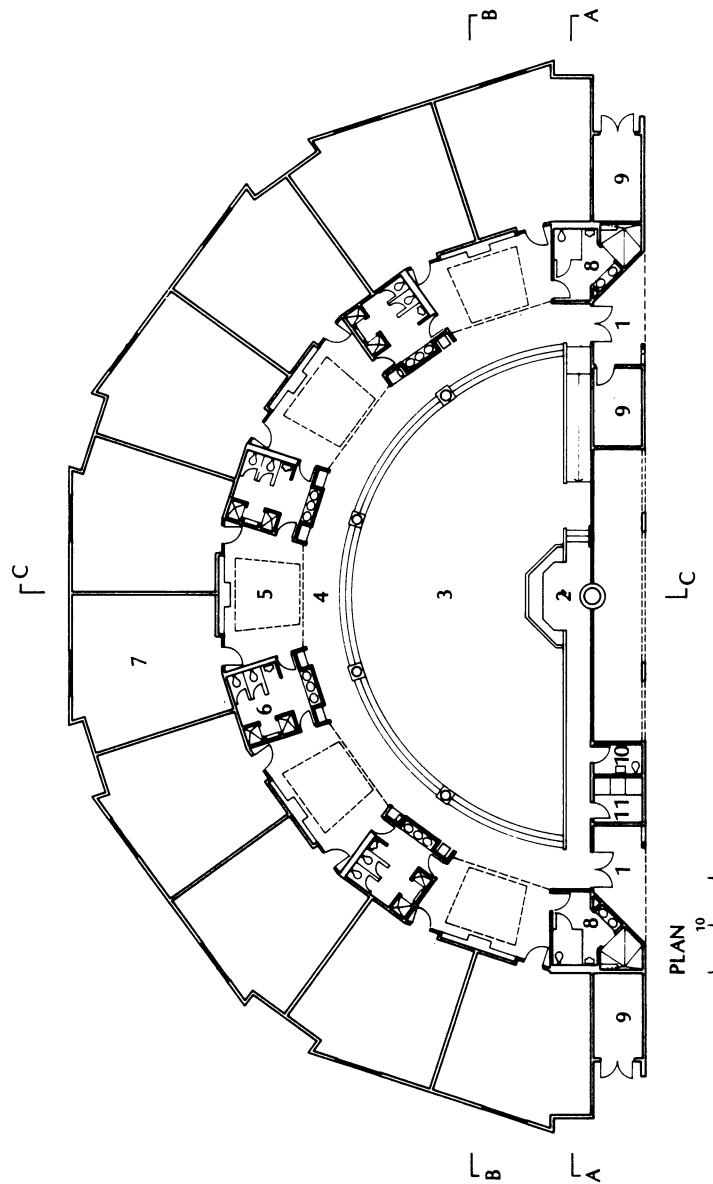
**Contact:** John DeWitt, Correctional Lieutenant, Sonoma North County Detention Facility, 2254 Airport Boulevard, Santa Rosa, CA 95401, 707-542-3375

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

**Construction manager:** None

<p><b>Groundbreaking:</b> March 1985  <b>Finish date:</b> April 1986  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 139  <b>Total cost:</b> \$5,200,000  <b>Total annual operating costs:</b> \$7,451,624 (entire facility)</p>	<p><b>Category:</b> New, ancillary building; remodel/renovation; phased project (future)  <b>Facility type:</b> County jail  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0          Double occupancy: 16          Dorms: 112          Special housing: 11          General population: 128          Total: 139</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> April 1985  <b>Finish date:</b> February 1986  <b>Construction time:</b> 10 months</p>	<p><b>Design capacity:</b> 40  <b>Total cost:</b> \$791,000  <b>Total annual operating costs:</b>  N/A (expansion)</p>	<p><b>Category:</b> Remodeling/renovation project to expand jail capacity  <b>Facility type:</b> Complex: county jail, law enforcement, courts  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; double fence/exercise yard  Inmate security level:  Maximum: 20%  Medium: 60%  Minimum: 20%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Revenue sharing; State funds  Contract method: Conventional  Use of inmate labor: Limited  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 40  Special housing: 0  General population: 40  Total: 40</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



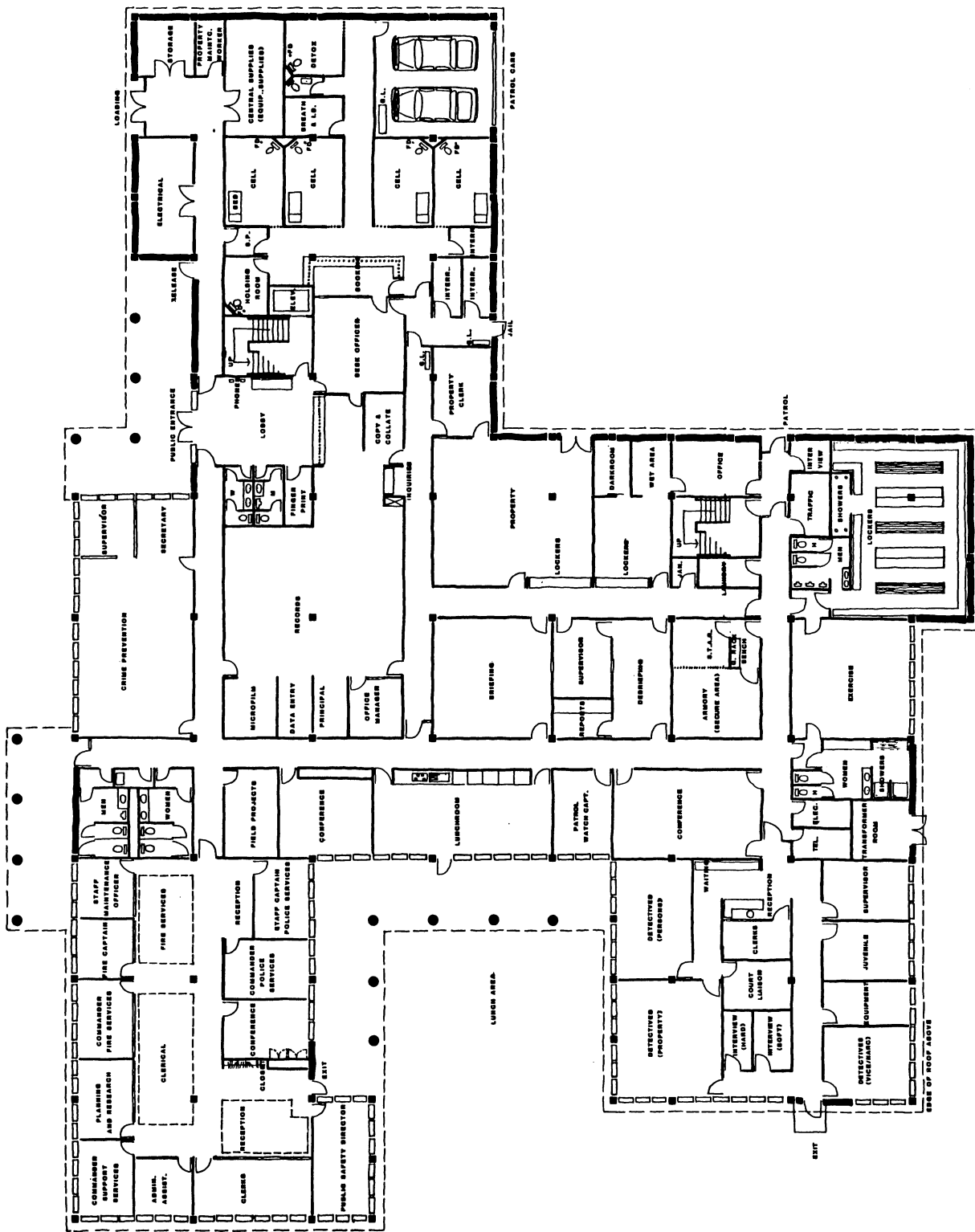
(No floorplan available at time of publication)

# 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><b>Groundbreaking:</b> August 1983  <b>Finish date:</b> April 1985  <b>Construction time:</b> 20 months</p>	<p><b>Design capacity:</b> 20  <b>Total cost:</b> \$6,100,000  <b>Total annual operating costs:</b> \$13,058,406</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: city jail, law enforcement, city emergency operations  <b>Building configuration:</b> Integ. structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Brick  Interior walls: CMU block; glazed  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: Local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 4  Double occupancy: 0  Dorms: 16  Special housing: 0  General population: 20  Total: 20</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: Unknown  Security: Unknown  Programs/treatment: Unknown  Maintenance: Unknown  Total: Unknown  Current inmate/staff ratio: Unknown</p>	<p><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> April 1980  <b>Finish date:</b> March 1982  <b>Construction time:</b> 23 months</p>	<p><b>Design capacity:</b> 58  <b>Total cost:</b> \$7,188,000  <b>Total annual operating costs:</b> \$509,800</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: city jail; law enforcement  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; alarm/detection systems; video camera surveillance  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Shared cost from multiple jurisdictions  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 7  Double occupancy: 0  Dorms: 38  Special housing: 13  General population: 45  Total: 58</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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</p> <p>Factors affecting time schedule:  Positive: Coordination of design between parties  Negative: Government procedures, regulations, and red tape; complex electronic, mechanical, and electrical systems</p>

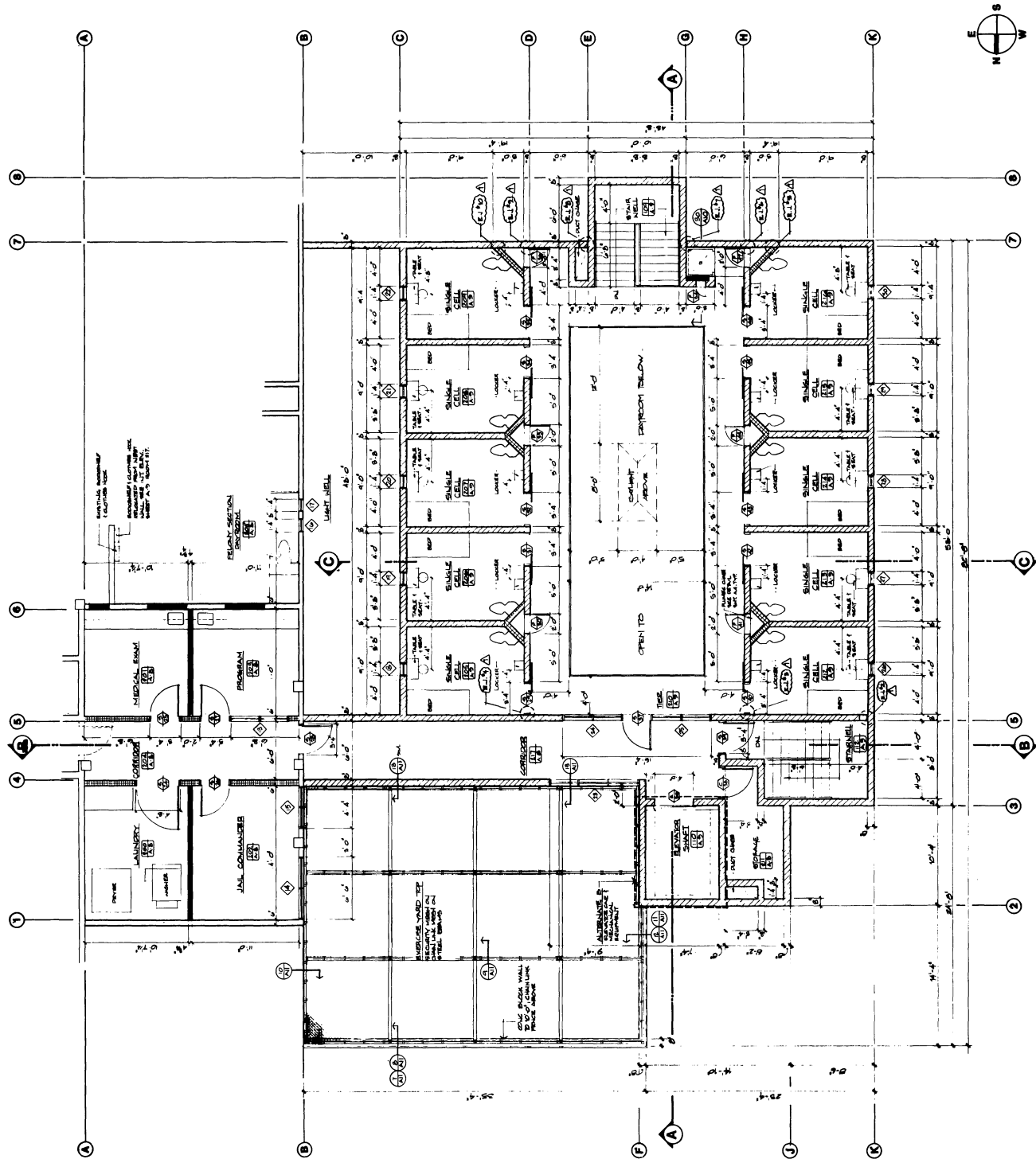


# Tuolumne County Jail (Remodel/Expansion)

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><b>Groundbreaking:</b> April 1985  <b>Finish date:</b> May 1986  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 21  <b>Total cost:</b> \$920,700  <b>Total annual operating costs:</b> \$463,325 (entire facility)</p>	<p><b>Category:</b> Remodel/renovation project; expansion project  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 70%  Medium: 20%  Minimum: 10%</p>	<p><b>Construction type</b></p> <p>Structural: CMU with concrete deck  Exterior walls: CMU block  Interior walls: CMU block  Exterior surface/facade: Stucco</p>	<p><b>Construction process</b></p> <p>Finance method: Local funds; State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 20  Double occupancy: 0  Dorms: 0  Special housing: 1  General population: 20  Total: 21</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></p> <p>Factors affecting construction costs:  Positive: None  Negative: None</p> <p>Factors affecting time schedule:  Positive: None  Negative: None</p>



UPPER FLOOR PLAN

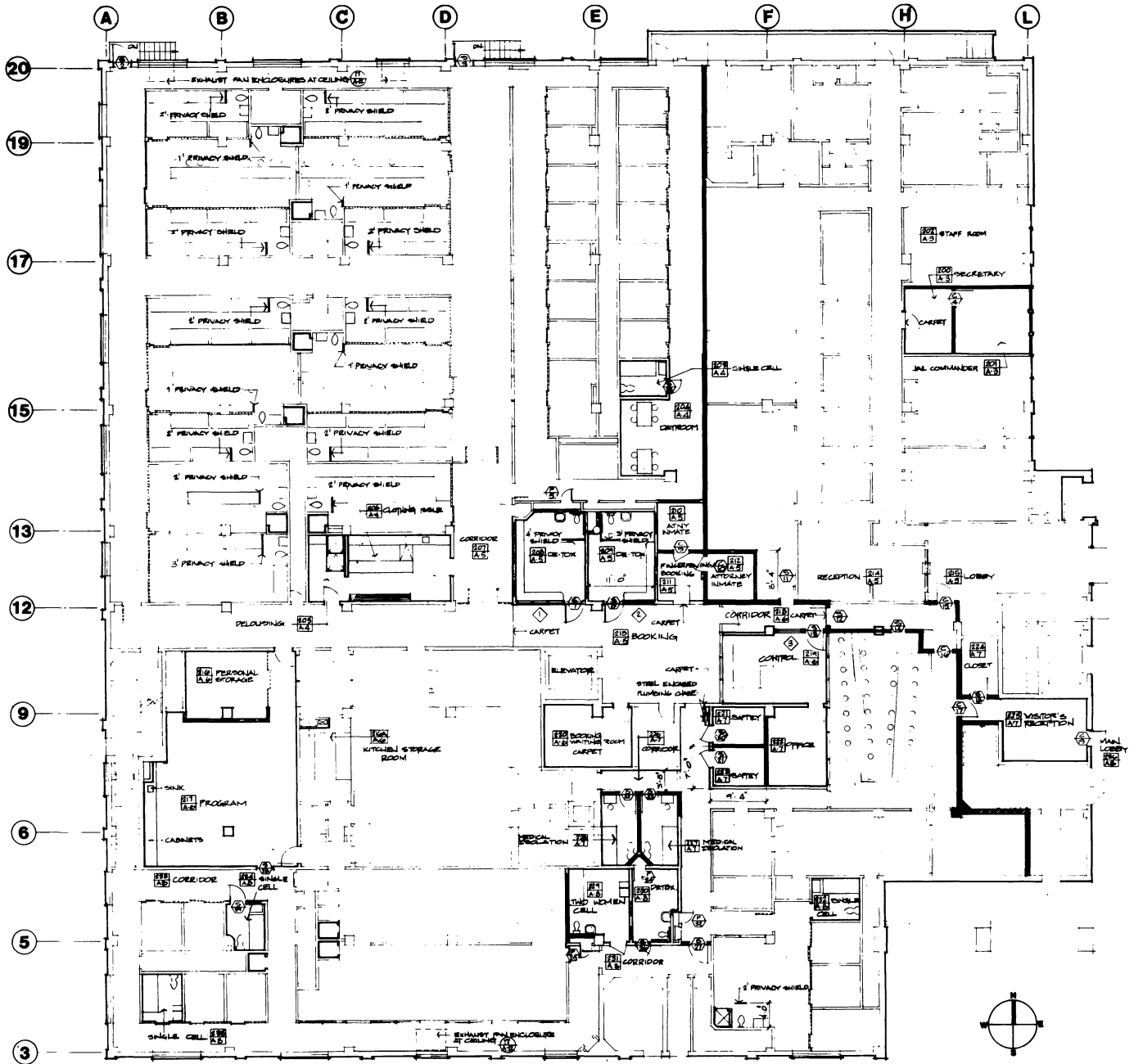
# Yuba County Jail (Remodel)

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><b>Groundbreaking:</b> June 1985  <b>Finish date:</b> July 1986  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 134  <b>Total cost:</b> \$500,000  <b>Total annual operating costs:</b> \$620,370</p>	<p><b>Category:</b> Remodel/renovation  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 24  Double occupancy: 4  Dorms: 104  Special housing: 2  General population: 132  Total: 134</p> <p><b>Current staff</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: No alteration  Inmate security level:  Maximum: 50%  Medium: 50%  Minimum: 0</p>		<p><b>Construction process</b></p> <p>Finance method: Local funds; State funds  Contract method: Conventional  Use of inmate labor: Yes, painting  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Architect's reported analyses</b></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

<p><b>Groundbreaking:</b> February 1984  <b>Finish date:</b> May 1985  <b>Construction time:</b> 15 months</p>	<p><b>Design capacity:</b> 485  <b>Total cost:</b> \$15,382,660  <b>Total annual operating costs:</b> \$3,371,143</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Wings connecting housing pods</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on fence          Inmate security level:            Maximum: 40%            Medium: 60%            Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds          Contract method: Construction management fast track          Use of inmate labor: None          Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 480          Double occupancy: 0          Dorms: 0          Special housing: 5          General population: 480          Total: 485</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

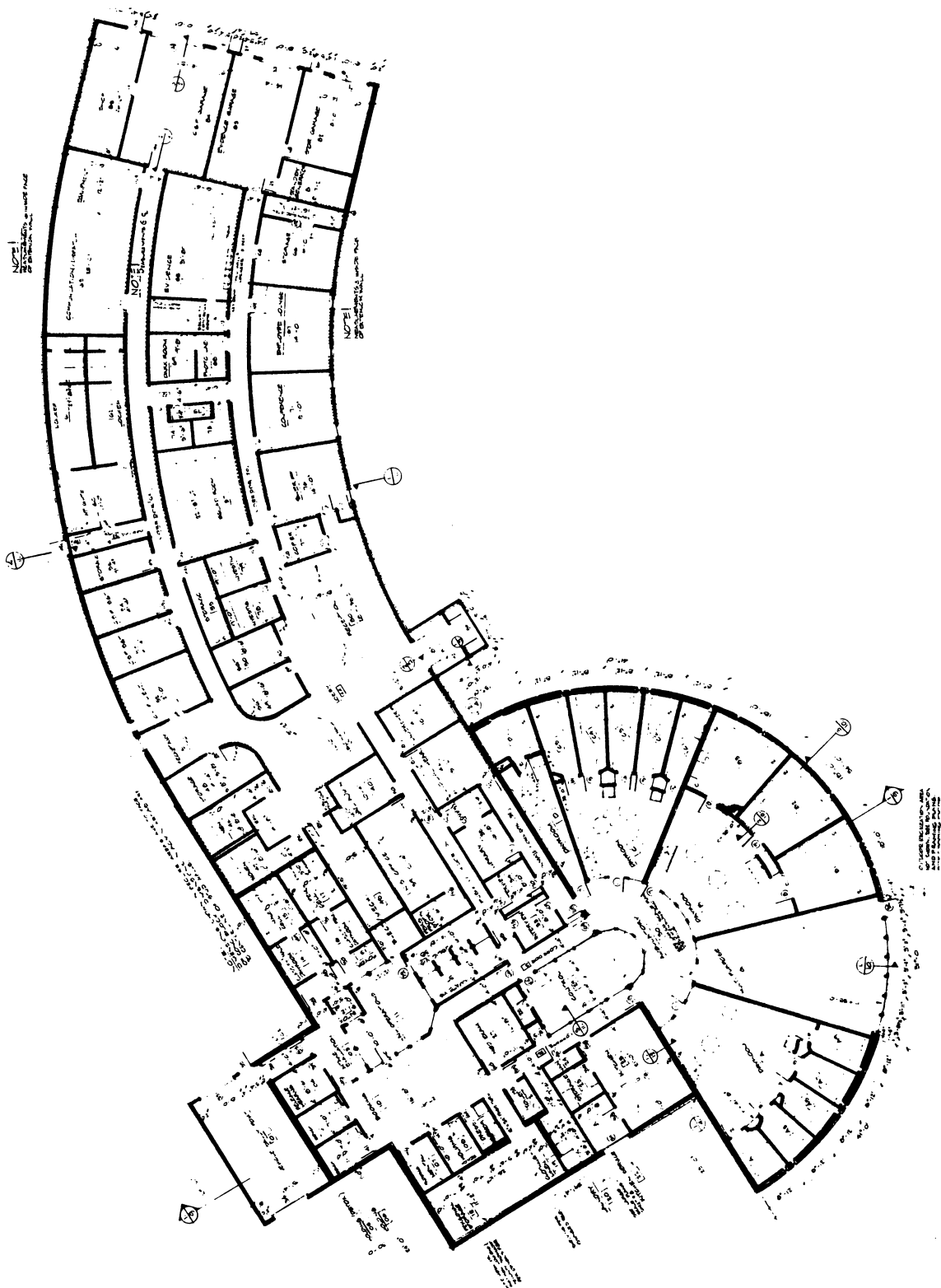
Jurisdiction official: James P. Drury, Sheriff

**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

<p><b>Groundbreaking:</b> May 1985  <b>Finish date:</b> July 1986  <b>Construction time:</b> 14 months</p>	<p><b>Design capacity:</b> 51  <b>Total cost:</b> \$1,993,693  <b>Total annual operating costs:</b> \$379,526</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail; law enforcement; Immigration &amp; Naturalization Service  <b>Building configuration:</b> Integrated structure; wheel, spoke or radial</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 14  Double occupancy: 14  Dorms: 12  Special housing: 11  General population: 40  Total: 51</p> <p><b>Current staff</b></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><b>Architect’s reported analyses</b></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>

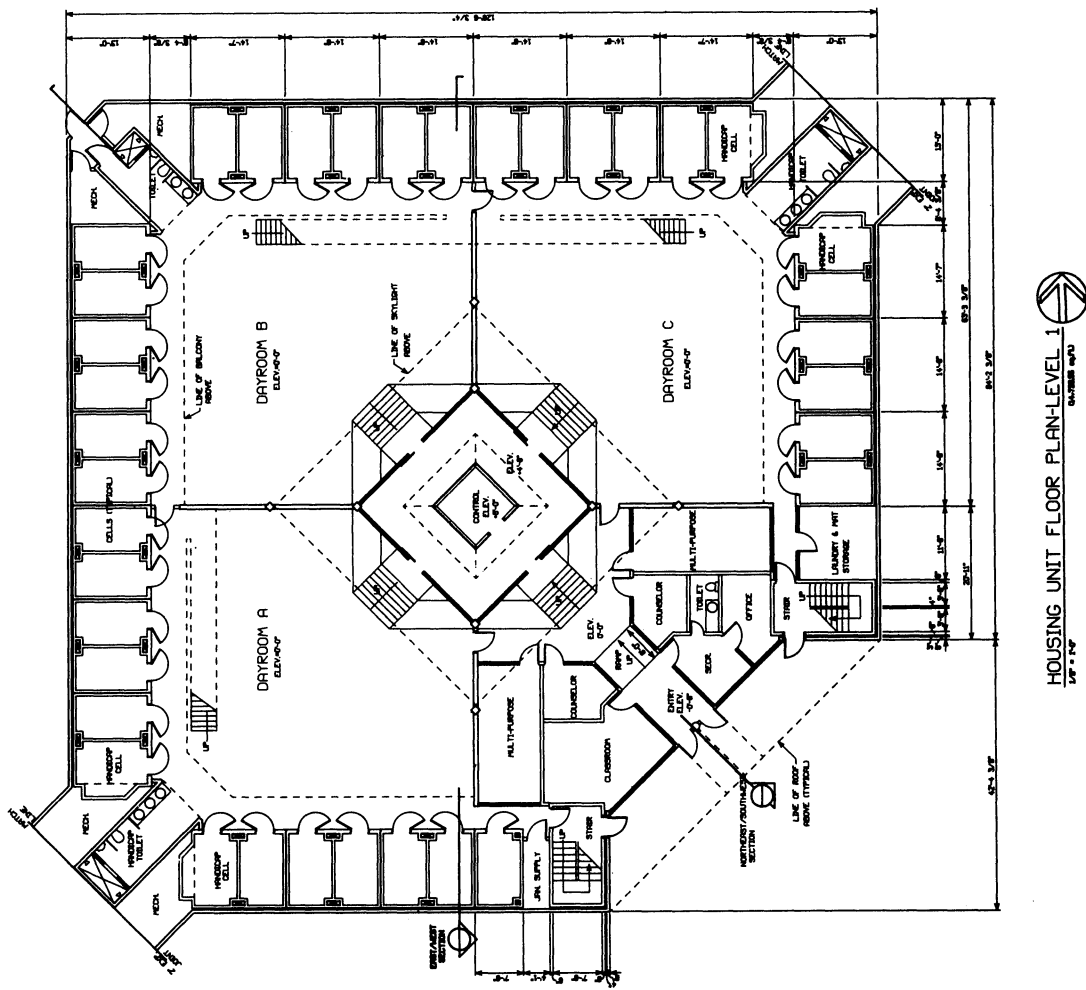
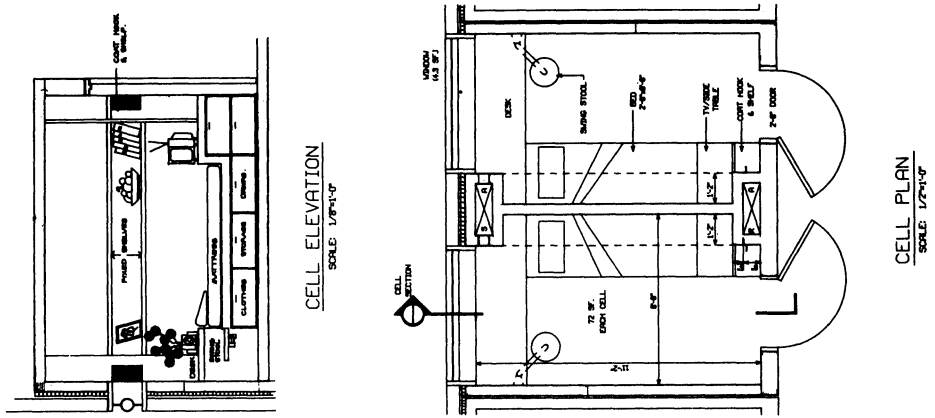


# Arkansas Valley Correctional Facility

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><b>Groundbreaking:</b> December 1985  <b>Finish date:</b> December 1987  <b>Construction time:</b> 24 months</p>	<p><b>Design capacity:</b> 742  <b>Total cost:</b> \$32,800,000  <b>Total annual operating costs:</b> \$9,878,725</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 726          Double occupancy: 0          Dorms: 0          Special housing: 16          General population: 726          Total: 742</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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, CO81416, 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><b>Groundbreaking:</b> November 1984  <b>Finish date:</b> January 1986  <b>Construction time:</b> 14 months</p>	<p><b>Design capacity:</b> 47  <b>Total cost:</b> \$3,400,000  <b>Total annual operating costs:</b>          \$102,689 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> Complex: county jail, court  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only          Inmate security level:              Maximum: 0              Medium: 100%              Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Concrete frame          Exterior walls: Reinforced concrete block          Interior walls: Concrete block          Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: Special election; local funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 36          Double occupancy: 0          Dorms: 8          Special housing: 3          General population: 44          Total: 47</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> June 1982  <b>Finish date:</b> October 1982  <b>Construction time:</b> 4 months</p>	<p><b>Design capacity:</b> 16  <b>Total cost:</b> \$293,000  <b>Total annual operating costs:</b> N/A (expansion)</p>	<p><b>Category:</b> Expansion project  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Steel panels  Interior walls: Steel panels  Exterior surface/facade: Steel panels</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 4  Dorms: 12  Special housing: 0  General population: 16  Total: 16</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

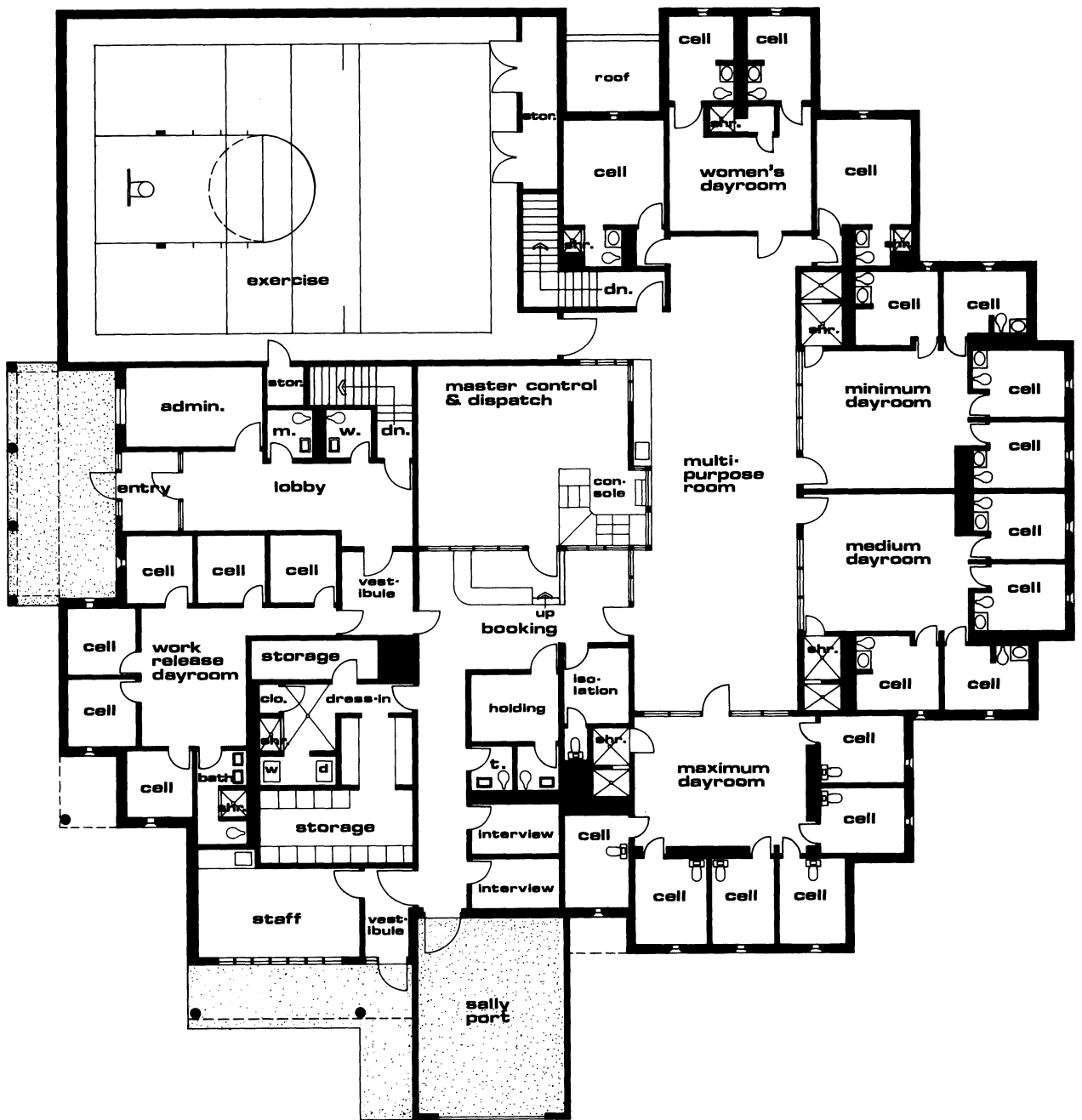
Jurisdiction official: Robert C. Braudis, Sheriff

**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><b>Groundbreaking:</b> October 1982  <b>Finish date:</b> September 1983  <b>Construction time:</b> 11 months</p>	<p><b>Design capacity:</b> 25  <b>Total cost:</b> \$1,685,950  <b>Total annual operating costs:</b> \$700,000</p>	<p><b>Category:</b> New, ancillary building; phased project (future)  <b>Facility type:</b> Complex: county jail, law enforcement admin., shell  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 25%  Medium: 50%  Minimum: 25%</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: CMU block; brick  Interior walls: CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 16  Double occupancy: 0  Dorms: 0  Special housing: 9  General population: 16  Total: 25</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>

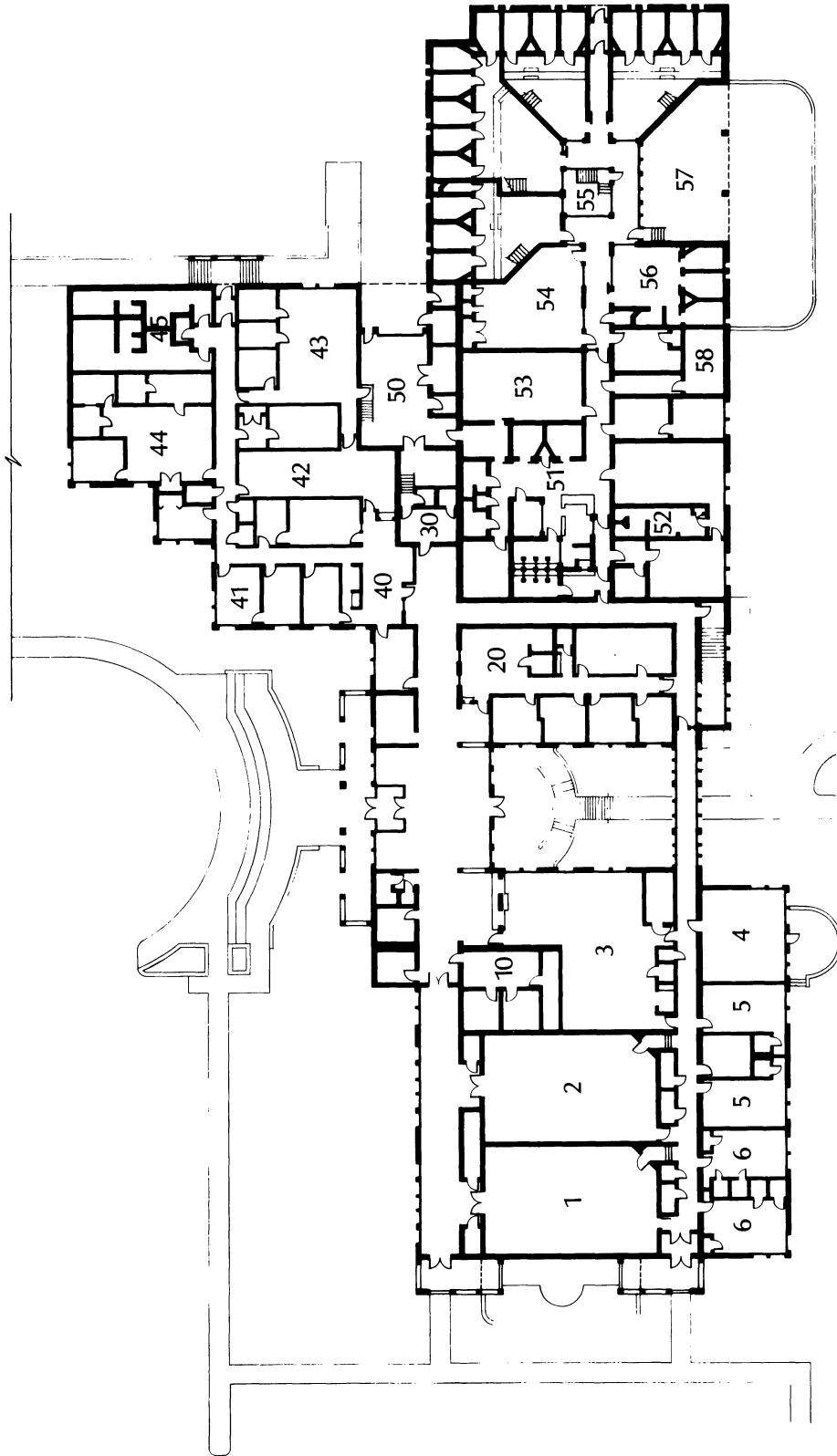


# Summit County Justice Center

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

<p><b>Groundbreaking:</b> July 1985  <b>Finish date:</b> December 1986  <b>Construction time:</b> 17 months</p>	<p><b>Design capacity:</b> 46  <b>Total cost:</b> \$6,300,000  <b>Total annual operating costs:</b> \$475,975</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement, courts, coroner, probation  <b>Building configuration:</b> Integ. structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 32          Double occupancy: 0          Dorms: 9          Special housing: 5          General population: 41          Total: 46</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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          | 1  | LAW ENFORCEMENT | 40 | COUNTY JAIL        | 50 |
| DISTRICT COURT    | 2  | RECEPTION       | 41 | VEHICLE SALLY PORT | 51 |
| COUNTY COURT      | 3  | SHERIFF         | 42 | BOOKING            | 52 |
| CLERK             | 4  | RECORDS         | 43 | WORK RELEASE       | 53 |
| LAW LIBRARY       | 5  | SQUAD ROOM      | 44 | KITCHEN            | 54 |
| CHAMBERS          | 6  | DETECTIVES      | 45 | MULTI-PURPOSE      | 55 |
| JURY ROOM         | 10 | LOCKER ROOMS    |    | GENERAL HOUSING    | 56 |
| PROBATION         | 20 |                 |    | SEGREGATION        | 57 |
| DISTRICT ATTORNEY | 30 |                 |    | OUTDOOR EXERCISE   | 58 |
| CORONER           |    |                 |    | LAUNDRY            |    |

# 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

<p><b>Groundbreaking:</b> January 1986  <b>Finish date:</b> July 1986  <b>Construction time:</b> 6 months</p>	<p><b>Design capacity:</b> 100  <b>Total cost:</b> \$1,326,316  <b>Total annual operating costs:</b> \$745,000 (addition only)</p>	<p><b>Category:</b> New, ancillary building; temporary facility/housing  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; razor wire on fence  Inmate security level:  Maximum: 0  Medium: 0  Minimum: 100%</p>	<p><b>Construction type</b></p> <p>Structural: Wood construction, wood trusses  Exterior walls: Wood framed  Interior walls: Wood framed  Exterior surface/facade: Masonite</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 100  Special housing: 0  General population: 100  Total: 100</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

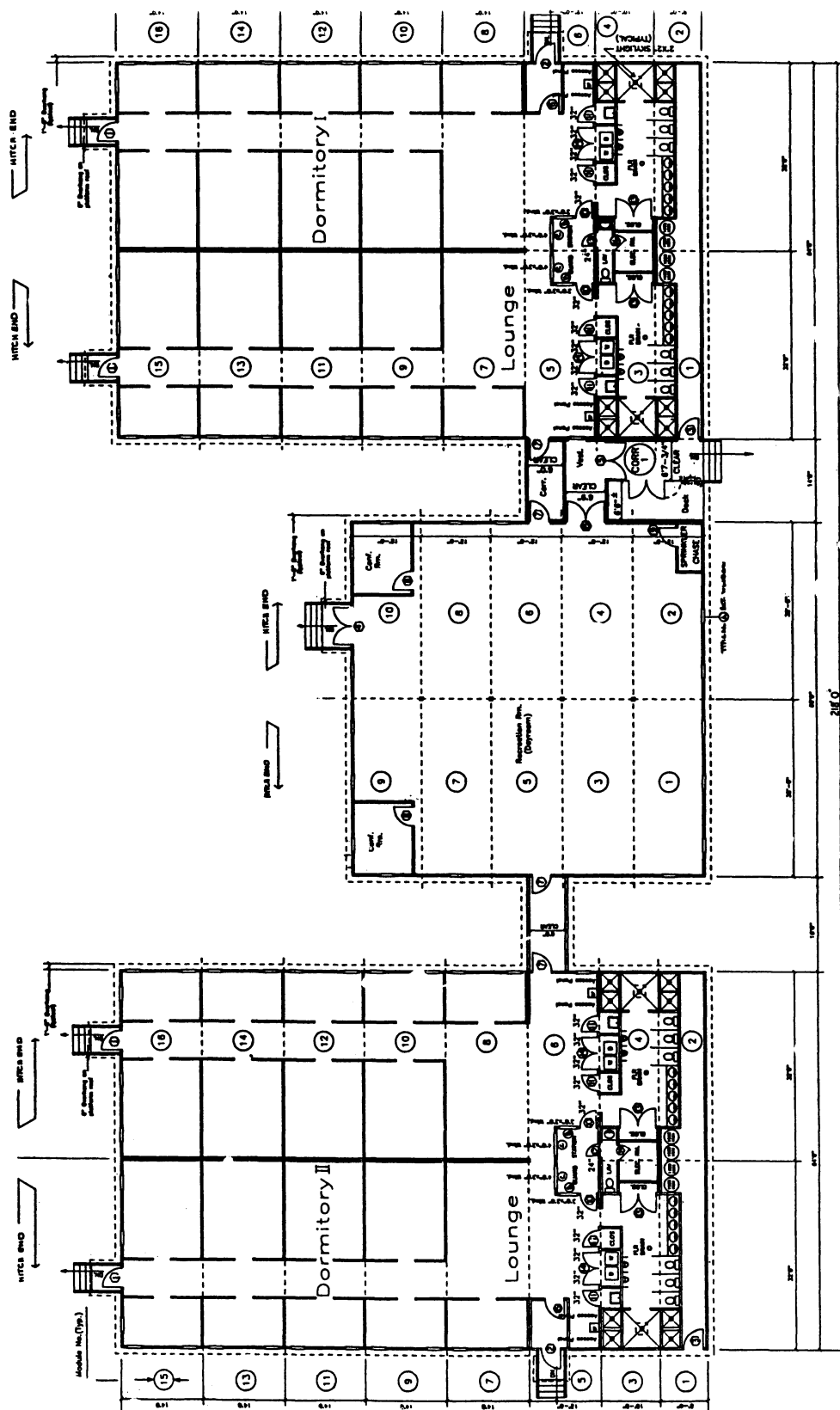
Jurisdiction official: Raymond M. Lopes, Commissioner, Department of Correction

**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><b>Groundbreaking:</b> January 1986  <b>Finish date:</b> July 1986  <b>Construction time:</b> 6 months</p>	<p><b>Design capacity:</b> 104  <b>Total cost:</b> \$1,272,546  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building; temporary facility/housing  <b>Facility type:</b> State jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; razor wire on fence  Inmate security level:  Maximum: 0  Medium: 0  Minimum: 100%</p>	<p><b>Construction type</b></p> <p>Structural: Wood construction/wood trusses  Exterior walls: Wood framed  Interior walls: Wood framed  Exterior surface/facade: Masonite</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 104  Special housing: 0  General population: 104  Total: 104</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

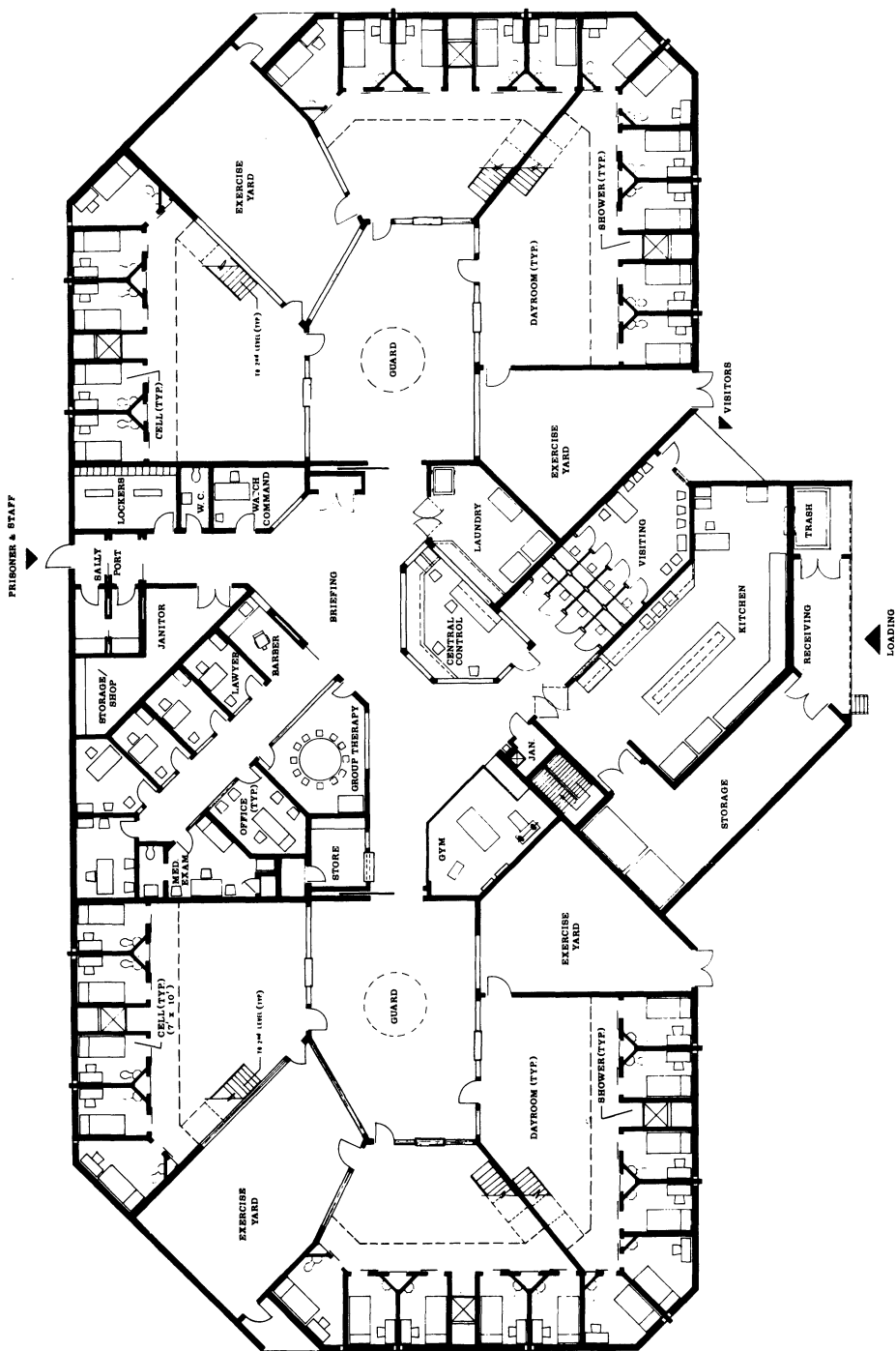
Jurisdiction official: Robert Watson, Commissioner, Department of Correction

**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

<p><b>Groundbreaking:</b> April 1979  <b>Finish date:</b> August 1981  <b>Construction time:</b> 28 months</p>	<p><b>Design capacity:</b> 64  <b>Total cost:</b> \$5,100,000  <b>Total annual operating costs:</b>          \$1,134,797 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 64          Double occupancy: 0          Dorms: 0          Special housing: 0          General population: 64          Total: 64</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

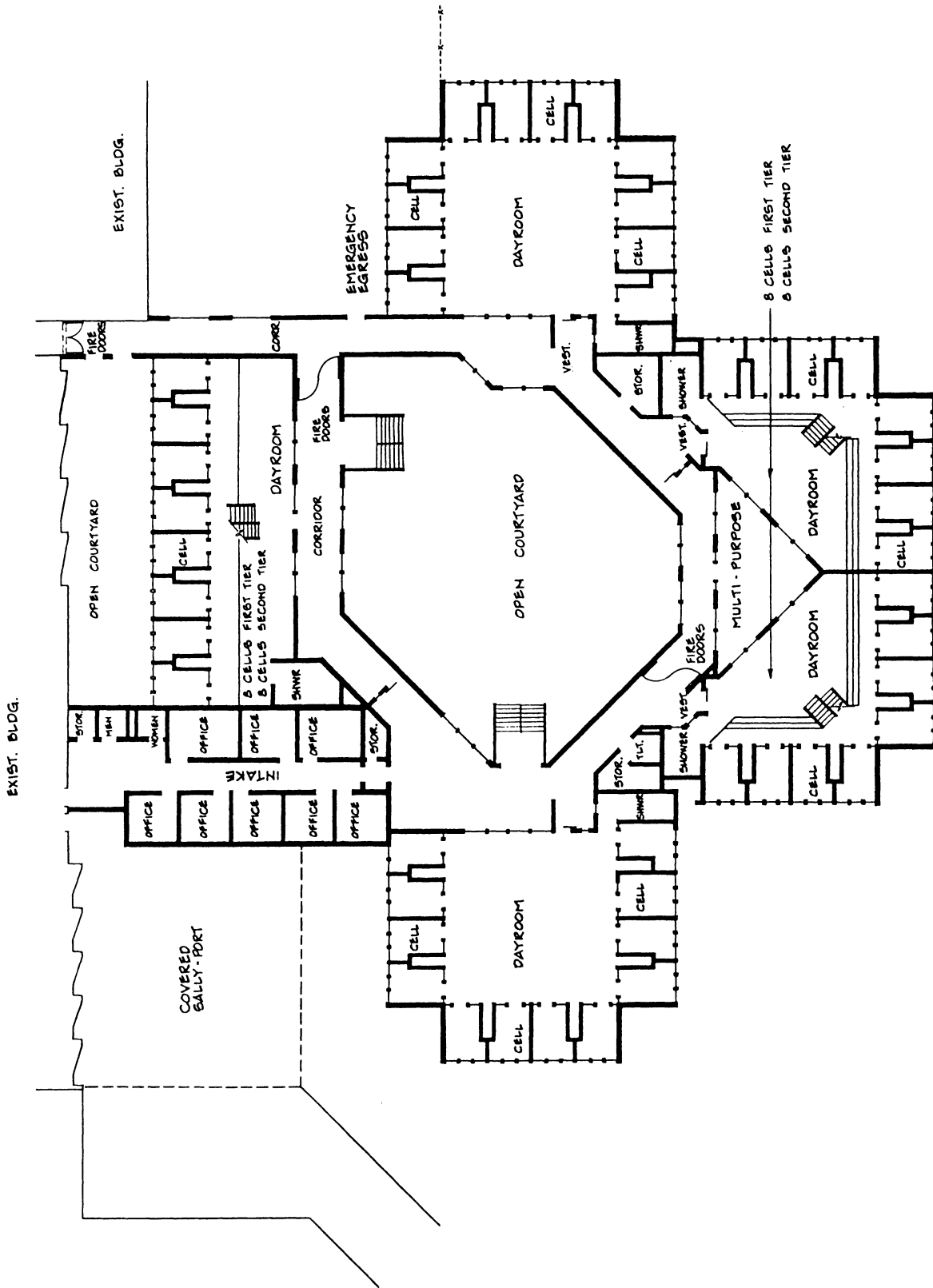
Jurisdiction official: Tom L. Allison, Acting Director

**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><b>Groundbreaking:</b> February 1983  <b>Finish date:</b> June 1985  <b>Construction time:</b> 29 months</p>	<p><b>Design capacity:</b> 292  <b>Total cost:</b> \$2,800,000  <b>Total annual operating costs:</b> \$4,643,382</p>	<p><b>Category:</b> Remodeling/renovation; expansion; temporary housing  <b>Facility type:</b> County jail; drug rehabilitation  <b>Building configuration:</b> Courtyard</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; patrols  Inmate security level:  Maximum: 10%  Medium: 70%  Minimum: 20%</p>	<p><b>Construction type</b></p> <p>Structural: Cast-in-place concrete frame  Exterior walls: CMU block  Interior walls: CMU block  Exterior surface/facade: Stucco</p>	<p><b>Construction process</b></p> <p>Finance method: Local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 190  Double occupancy: 0  Dorms: 90  Special housing: 12  General population: 280  Total: 292</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

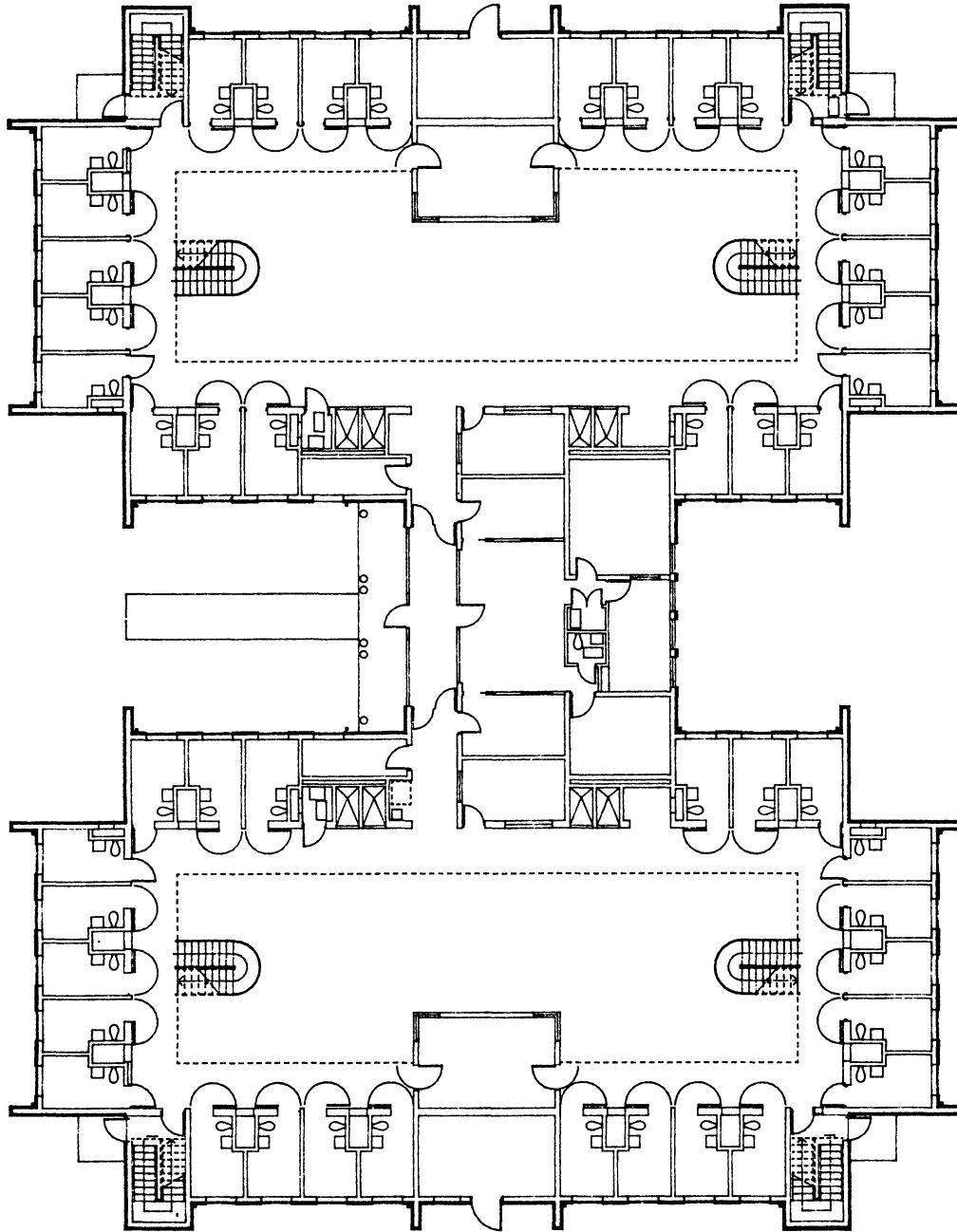
# Federal Correctional Institution (Addition)

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

<p><b>Groundbreaking:</b> March 1984  <b>Finish date:</b> December 1985  <b>Construction time:</b> 21 months</p>	<p><b>Design capacity:</b> 98  <b>Total cost:</b> \$1,738,932  <b>Total annual operating costs:</b>  N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> Federal prison  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></p> <p>Finance method: Federal funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Current staff</b></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><b>Architect's reported analyses</b></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

<p><b>Groundbreaking:</b> October 1984  <b>Finish date:</b> December 1985  <b>Construction time:</b> 14 months</p>	<p><b>Design capacity:</b> 100  <b>Total cost:</b> \$710,255  <b>Total annual operating costs:</b> N/A (expansion)</p>	<p><b>Category:</b> Expansion project  <b>Facility type:</b> County jail  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; razor wire on fence; video camera surveillance  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></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><b>Inmate cells</b></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>Single occupancy: 0  Double occupancy: 0  Dorms: 100  Special housing: 0  General population: 100  Total: 100</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

<p><b>Groundbreaking:</b> October 1985  <b>Finish date:</b> December 1987  <b>Construction time:</b> 26 months</p>	<p><b>Design capacity:</b> 51  <b>Total cost:</b> \$32,000,000  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> Complex: holding areas, law enforcement, courts  <b>Building configuration:</b> Integrated structure; high rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance  Inmate security level:  Maximum: 80%  Medium: 20%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 1  Double occupancy: 10  Dorms: 25  Special housing: 15  General population: 36  Total: 51</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

<p><b>Groundbreaking:</b> February 1983  <b>Finish date:</b> May 1985  <b>Construction time:</b> 27 months</p>	<p><b>Design capacity:</b> 390  <b>Total cost:</b> \$8,648,000  <b>Total annual operating costs:</b> \$3,917,824</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Wings connecting housing pods</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; single fence  Inmate security level:  Maximum: 25%  Medium: 75%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: CMU block  Interior walls: Precast panels; cast-in-place concrete  Exterior surface/facade: CMU block</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 384  Double occupancy: 0  Dorms: 0  Special housing: 6  General population: 384  Total: 390</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

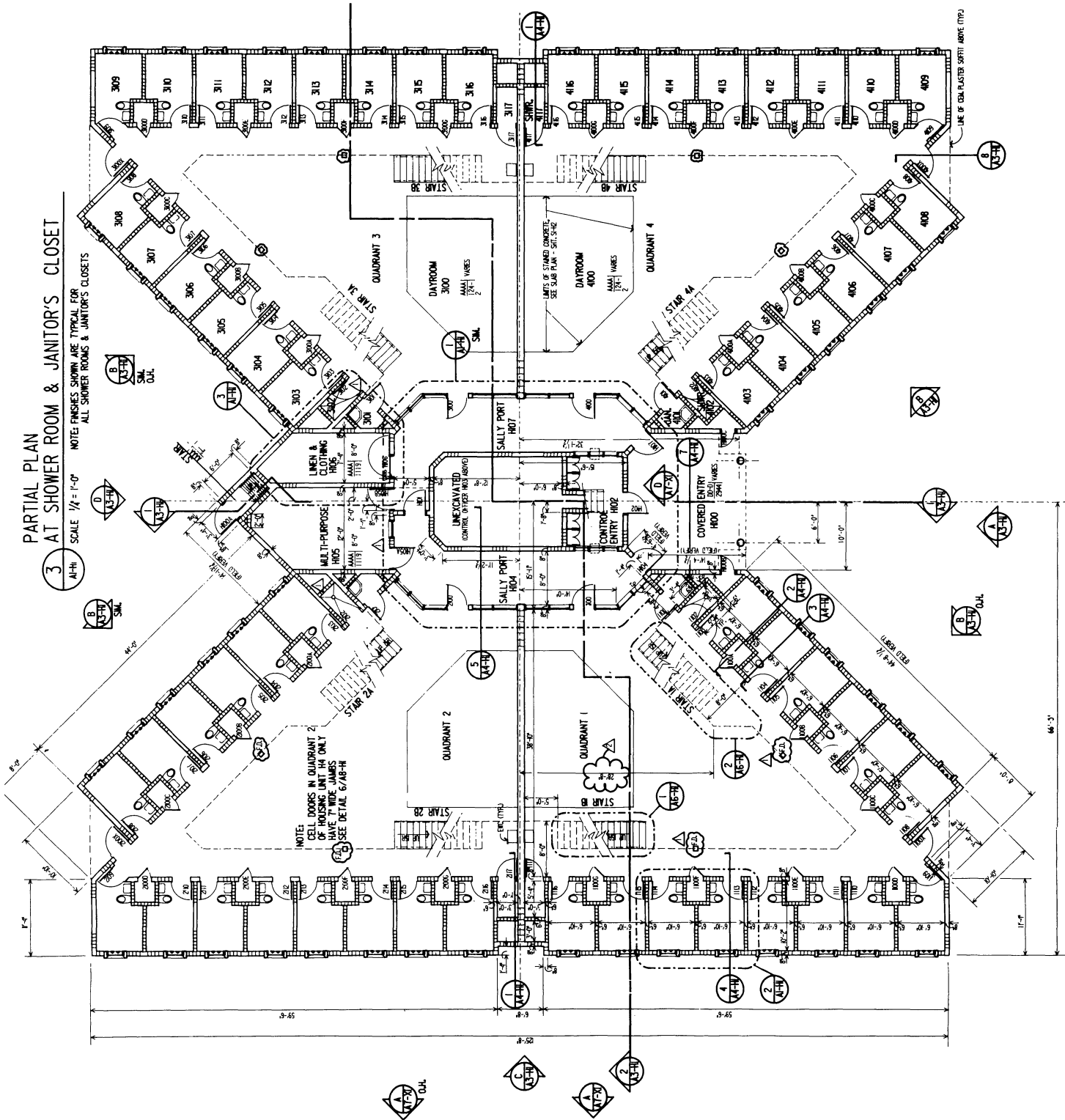
**Contact:** Superintendent David E. Watson, Martin Correctional Institution, 1150 Southwest Allapattah Road, Indiantown, FL 33456, 305-597-3705

**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

<p><b>Groundbreaking:</b> August 1983  <b>Finish date:</b> November 1985  <b>Construction time:</b> 27 months</p>	<p><b>Design capacity:</b> 929  <b>Total cost:</b> \$25,000,000  <b>Total annual operating costs:</b> \$6,625,073</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></p> <p>Structural: Steel frame; precast concrete frame  Exterior walls: CMU block  Interior walls: CMU block  Exterior surface/facade: Stucco</p>	<p><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Construction management fast track  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 448  Double occupancy: 448  Dorms: 0  Special housing: 33  General population: 896  Total: 929</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

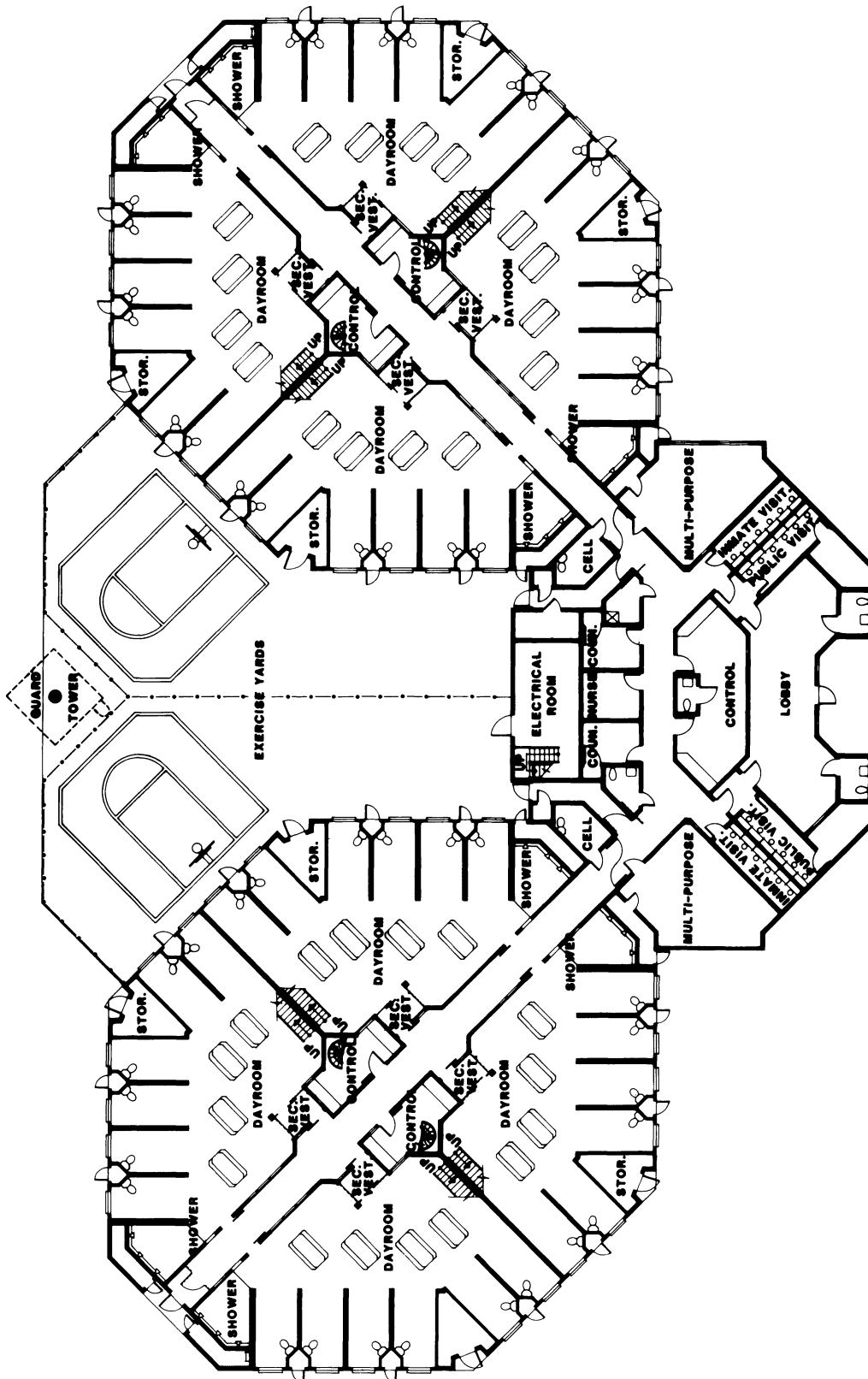
Jurisdiction official: Gerard Coleman, Sheriff

**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

<p><b>Groundbreaking:</b> May 1984  <b>Finish date:</b> March 1985  <b>Construction time:</b> 10 months</p>	<p><b>Design capacity:</b> 194  <b>Total cost:</b> \$2,976,221  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction process</b></p> <p>Finance method: Ad valorem funds, budget allocation  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Extensive</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 192  Dorms: 0  Special housing: 2  General population: 192  Total: 194</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

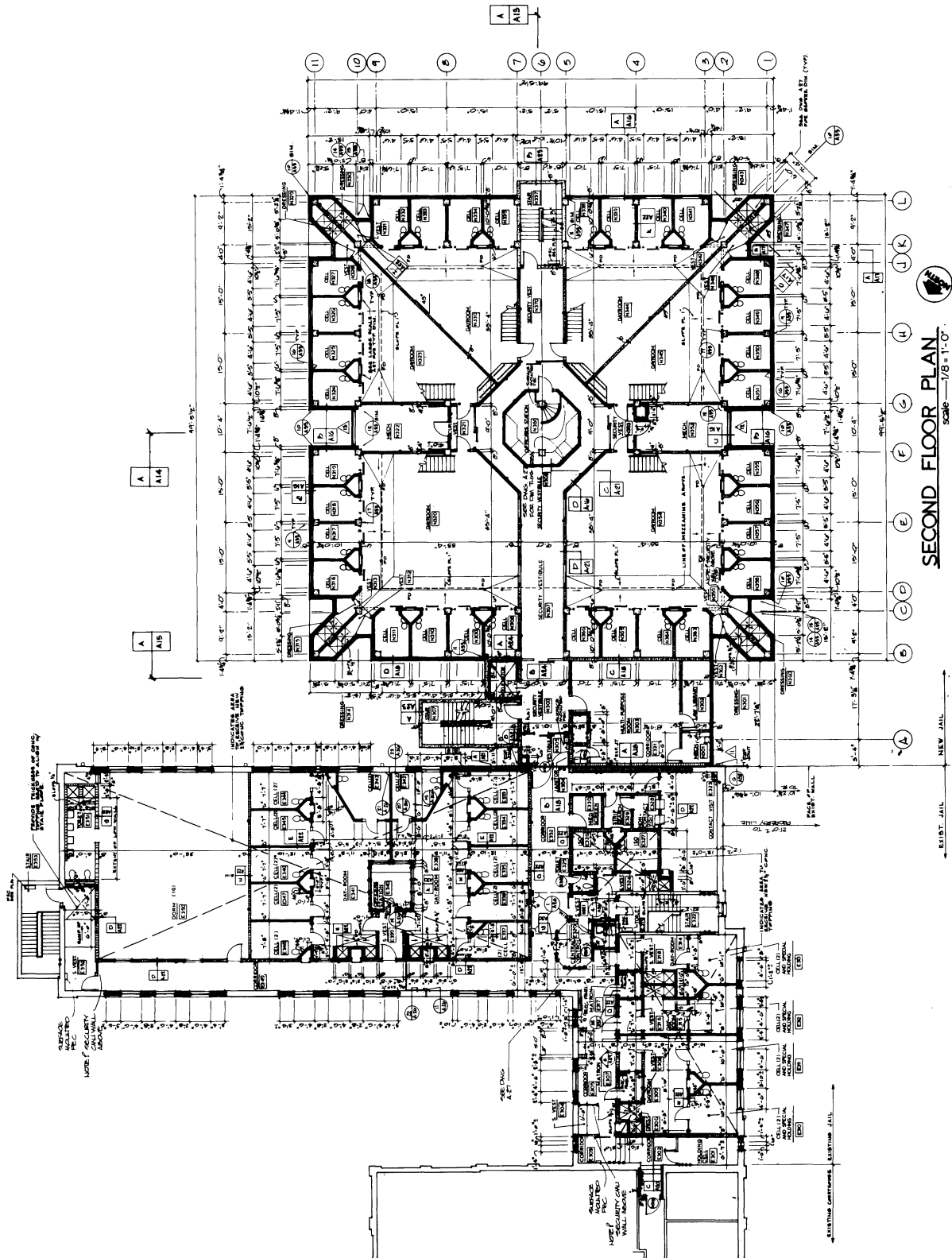
Jurisdiction official: William Carroll, Chairman, Board of County Commissioners

**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

<p><b>Groundbreaking:</b> May 1982  <b>Finish date:</b> March 1984  <b>Construction time:</b> 22 months</p>	<p><b>Design capacity:</b> 126  <b>Total cost:</b> \$3,665,127  <b>Total annual operating costs:</b> \$1,262,024</p>	<p><b>Category:</b> Remodeling/renovation project; expansion project  <b>Facility type:</b> Complex: county jail, law enforcement  <b>Building configuration:</b> Integ. structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 57%  Medium: 29%  Minimum: 14%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 64  Double occupancy: 32  Dorms: 16  Special housing: 14  General population: 112  Total: 126</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>

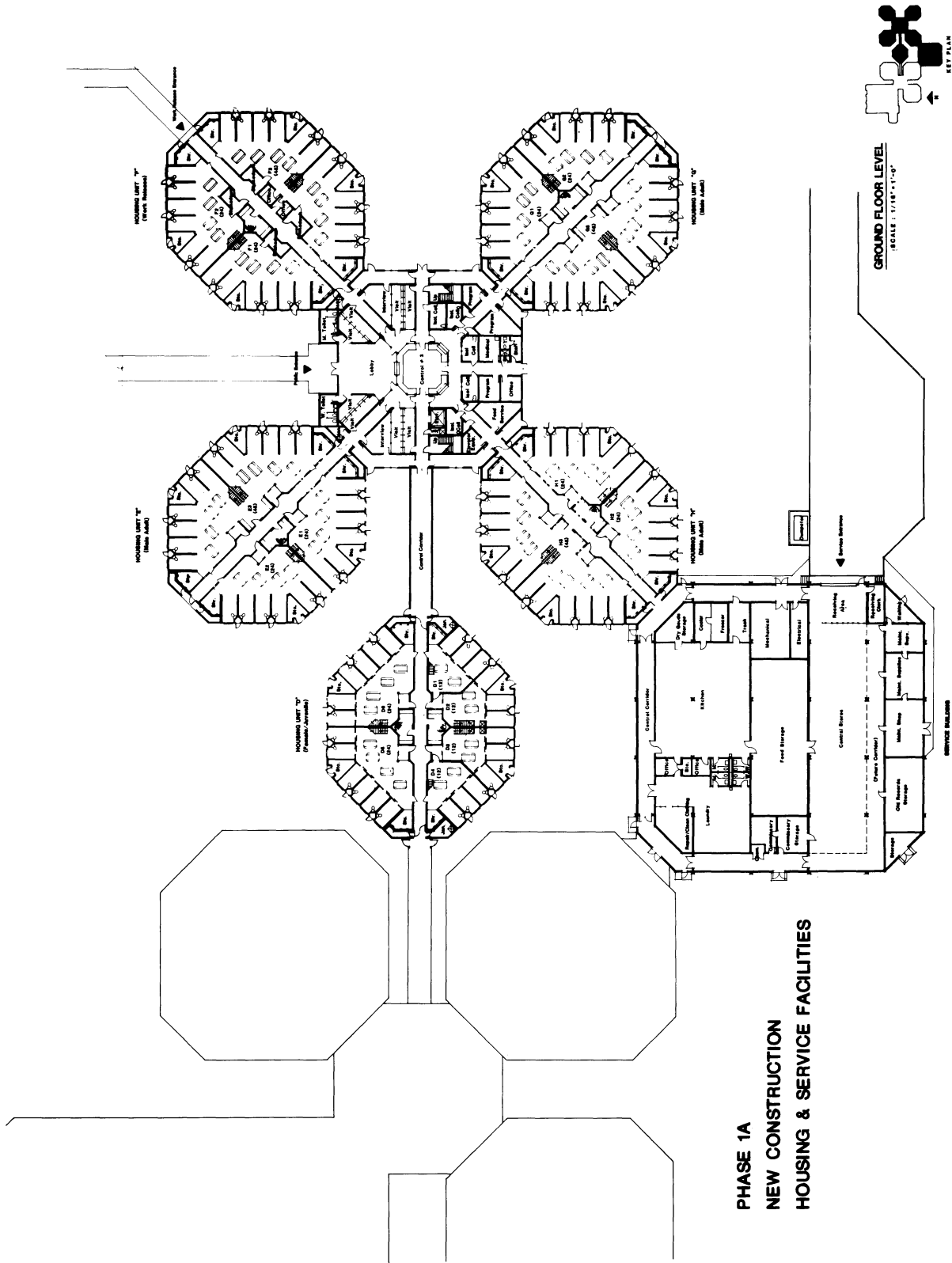


# Seminole County Correctional Facility (Addition/Remodel)

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

<p><b>Groundbreaking:</b> August 1985  <b>Finish date:</b> October 1987  <b>Construction time:</b> 26 months</p>	<p><b>Design capacity:</b> 739  <b>Total cost:</b> \$12,059,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, ancillary building; remodeling/renovation project  <b>Facility type:</b> County jail  <b>Building configuration:</b> Clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; video camera surveillance  Inmate security level:  Maximum: 10%  Medium: 76%  Minimum: 14%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Special election  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Extensive; prefabricated concrete cells</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 128  Double occupancy: 480  Dorms: 64  Special housing: 67  General population: 672  Total: 739 (entire facility)</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: Unknown  Security: Unknown  Programs/treatment: Unknown  Maintenance: Unknown  Total: Unknown  Current inmate/staff ratio: Unknown</p>	<p><b>Architect's reported analyses</b></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

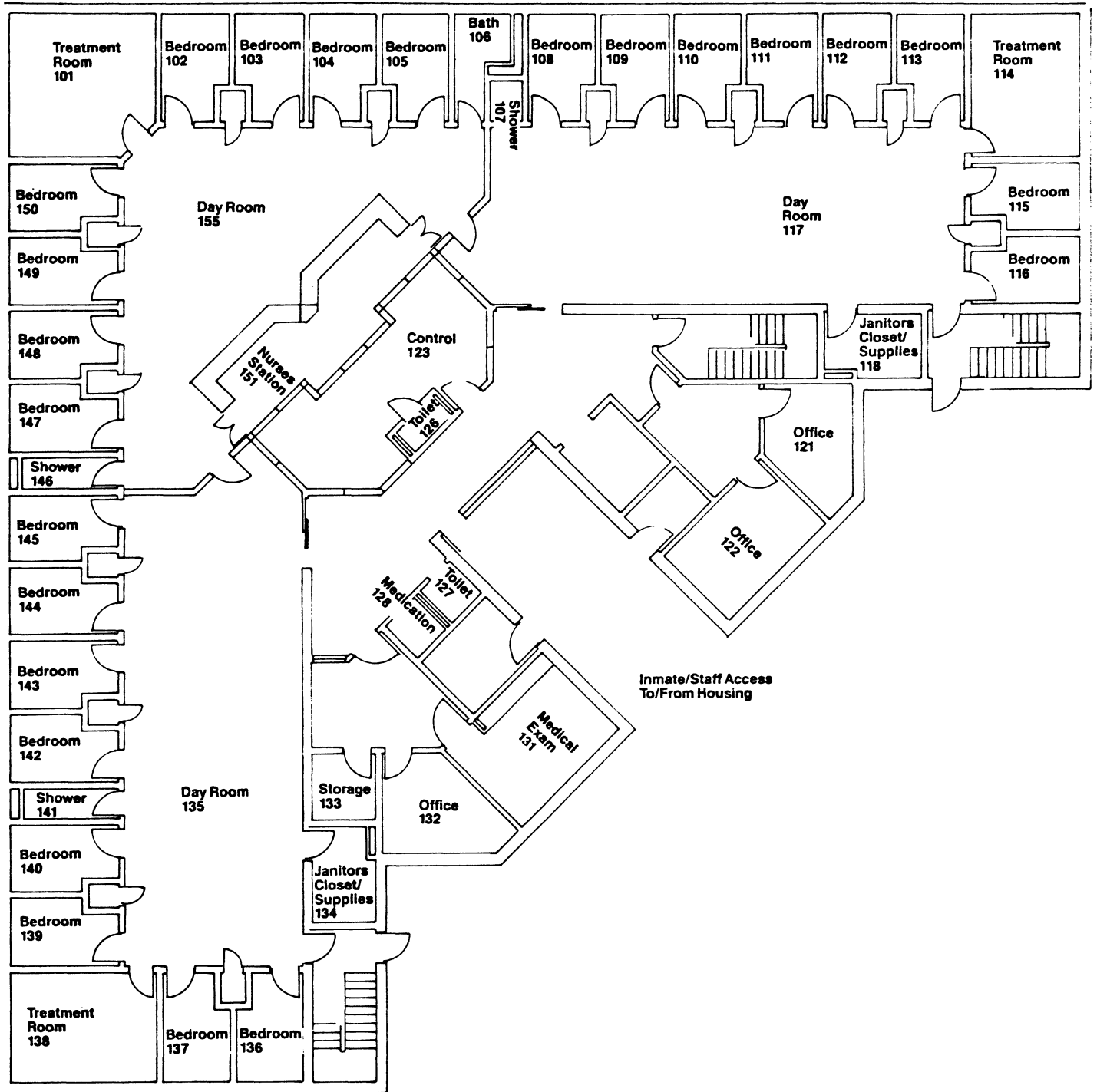
**Architect:** Spillis Candela & Partners, Inc., 800 Douglas Entrance, Coral Gables, FL 33134, 305-447-3539

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

**Construction manager:** None

<p><b>Groundbreaking:</b> April 1983  <b>Finish date:</b> March 1986  <b>Construction time:</b> 35 months</p>	<p><b>Design capacity:</b> 624  <b>Total cost:</b> \$23,142,326  <b>Total annual operating costs:</b> \$6,879,328</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: Moderate  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 576  Double occupancy: 0  Dorms: 0  Special housing: 48  General population: 576  Total: 624</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

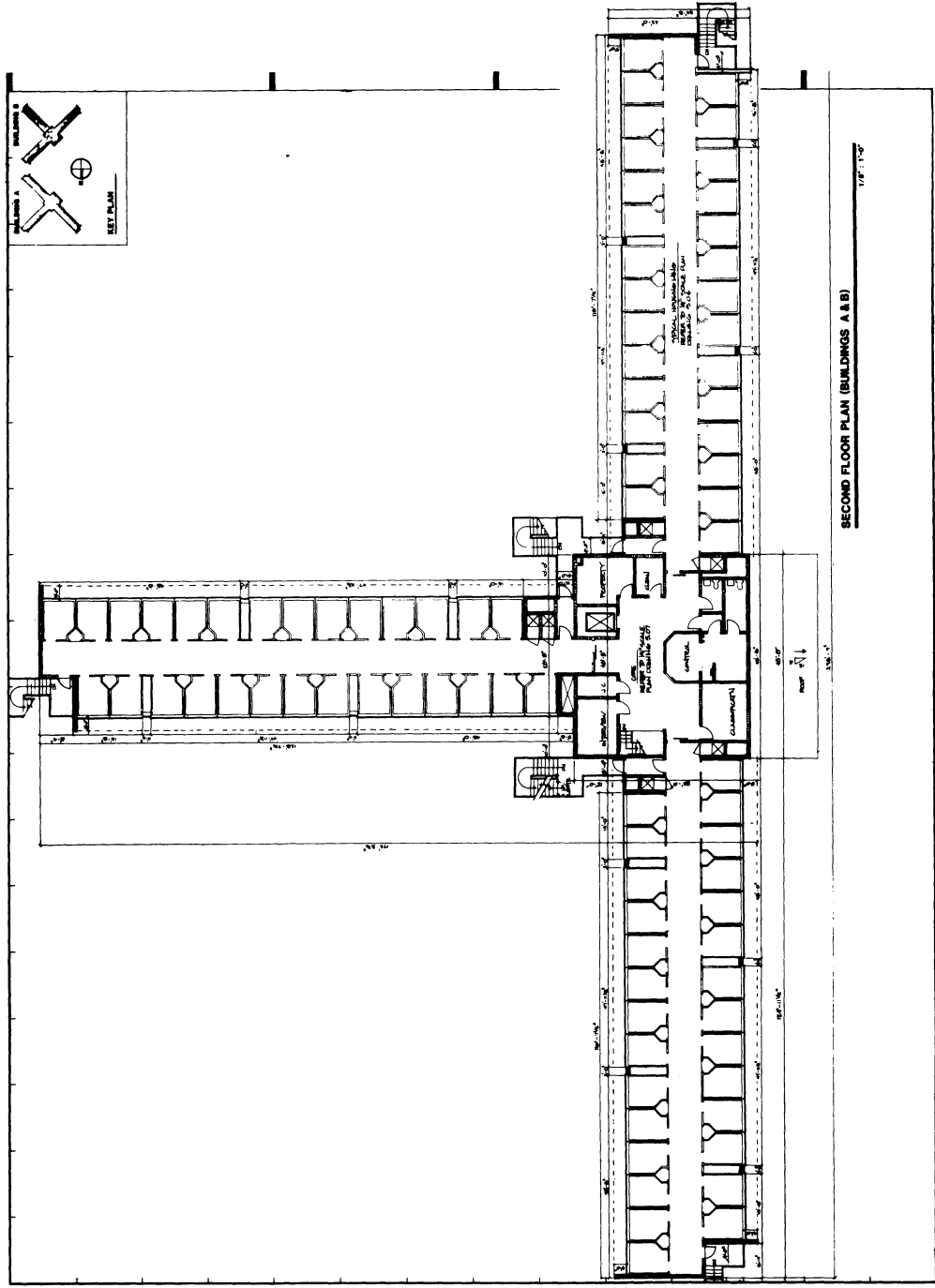
Jurisdiction official: Richard L. Dugger, Secretary, Department of Corrections

**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><b>Groundbreaking:</b> September 1984  <b>Finish date:</b> June 1985  <b>Construction time:</b> 8 months</p>	<p><b>Design capacity:</b> 336  <b>Total cost:</b> \$5,773,179  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Wheel</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></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><b>Inmate cells</b></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>Single occupancy: 336  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 336  Total: 336</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>

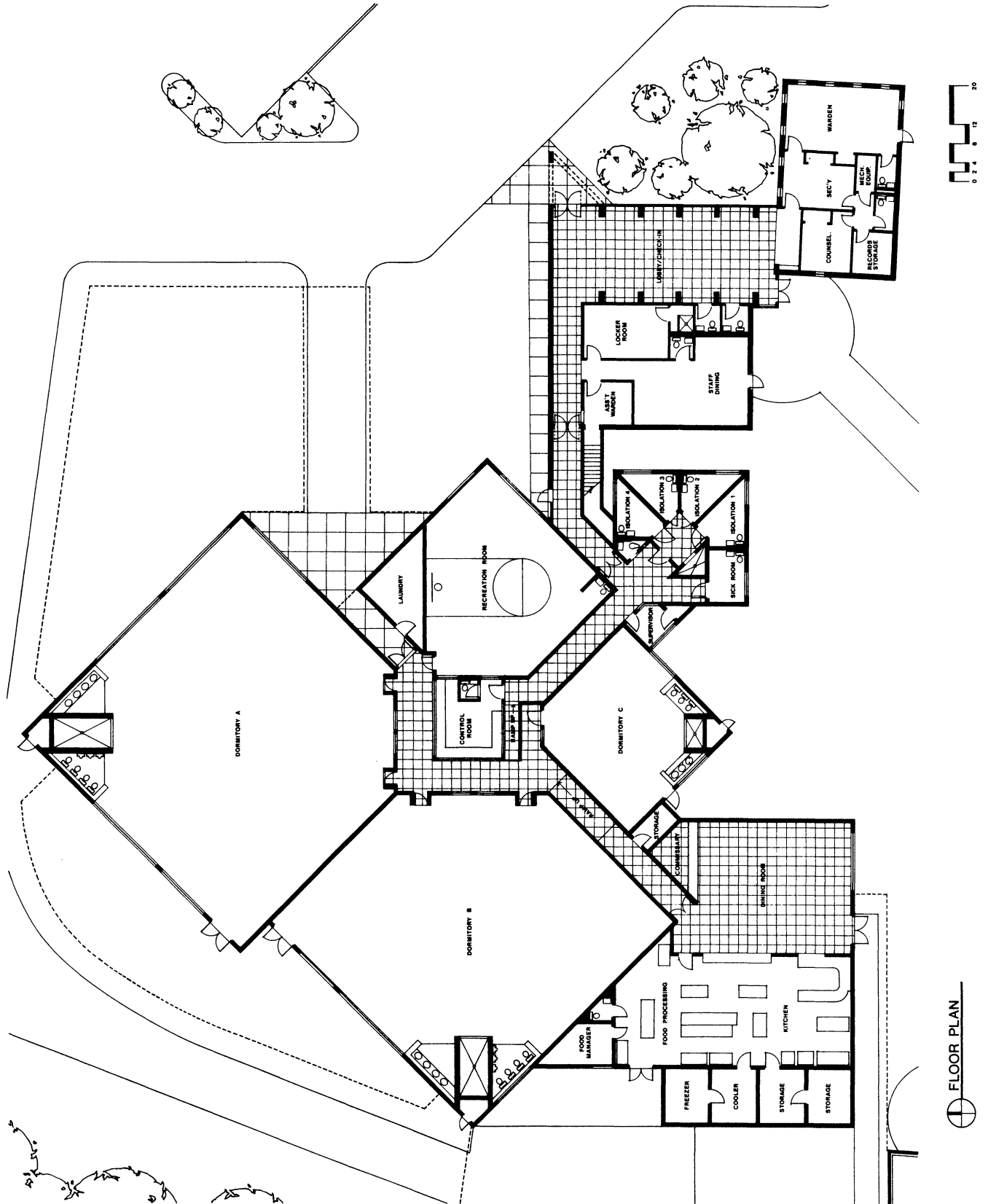


# Clarke County Correctional Institution

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

<p><b>Groundbreaking:</b> July 1985  <b>Finish date:</b> December 1986  <b>Construction time:</b> 17 months</p>	<p><b>Design capacity:</b> 132  <b>Total cost:</b> \$900,000  <b>Total annual operating costs:</b> \$870,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; video camera surveillance  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 100  Special housing: 32  General population: 100  Total: 132</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>

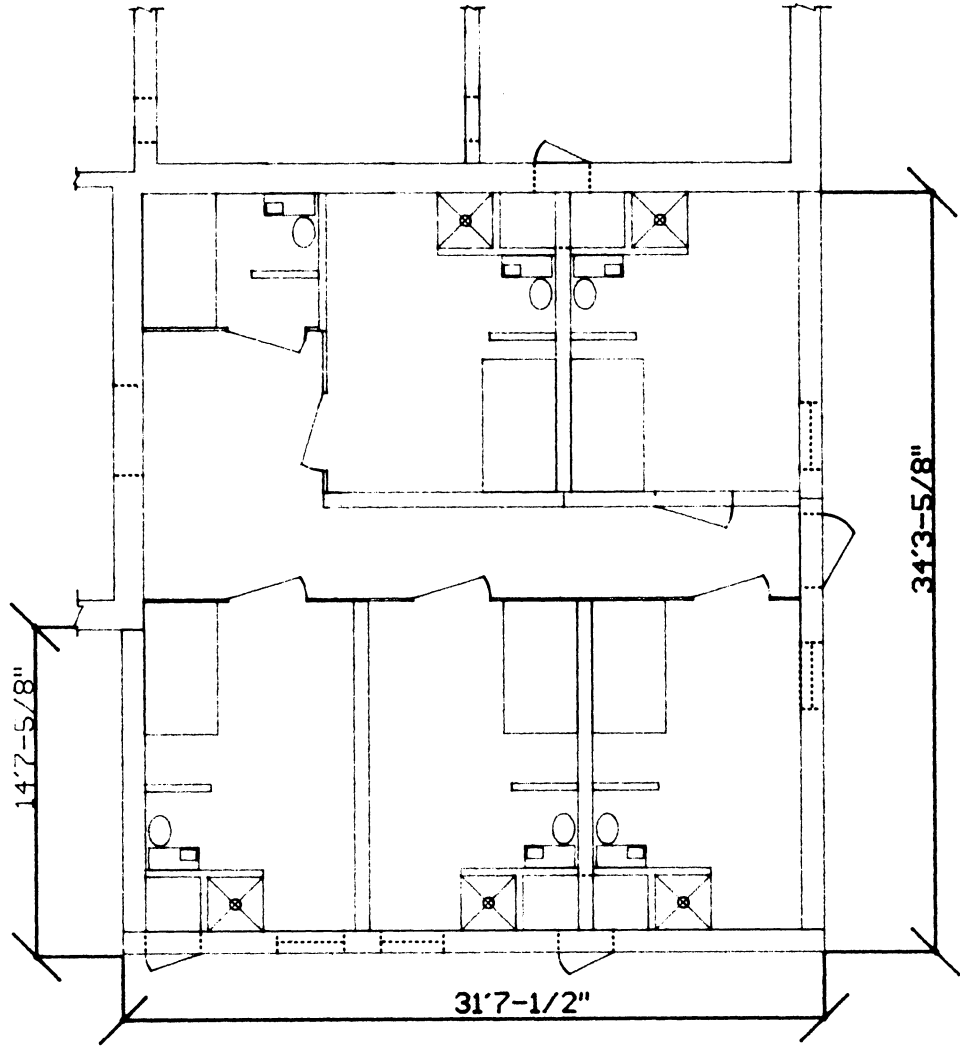


# Dooly County Jail (Expansion)

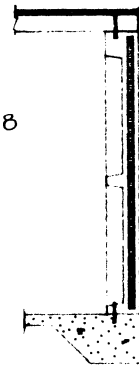
Jurisdiction official: L. Van Peavy, Sheriff

**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

<p><b>Groundbreaking:</b> June 1985  <b>Finish date:</b> October 1985  <b>Construction time:</b> 4 months</p>	<p><b>Design capacity:</b> 11  <b>Total cost:</b> \$78,000  <b>Total annual operating costs:</b> N/A (expansion)</p>	<p><b>Category:</b> Expansion project  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence  Inmate security level:  Maximum: 0  Medium: 90%  Minimum: 10%</p>	<p><b>Construction type</b></p> <p>Structural: Load bearing precast panels  Exterior walls: Precast panels (insulated)  Interior walls: Precast panels  Exterior surface/facade: Paint; textured concrete</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 1  Double occupancy: 10  Dorms: 0  Special housing: 0  General population: 11  Total: 11</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

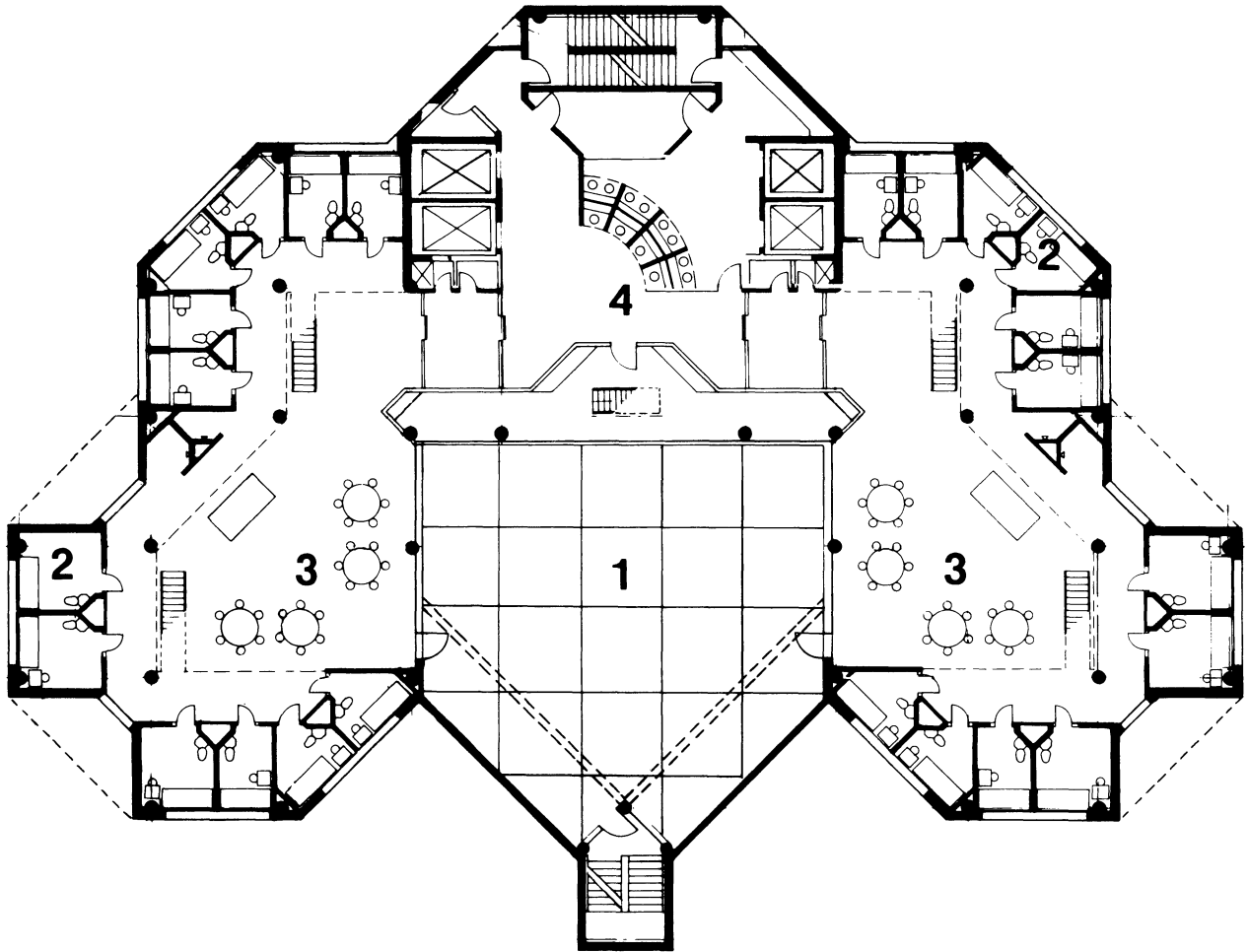
**Contact:** Charles A. Toole, Sr., Chief Jailer, Richmond County Law Enforcement and Justice Center, 401 Walton Way, Augusta, GA 30901, 404-821-1005

**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

<p><b>Groundbreaking:</b> November 1982  <b>Finish date:</b> October 1985  <b>Construction time:</b> 35 months</p>	<p><b>Design capacity:</b> 240  <b>Total cost:</b> \$15,743,000 (excl. site work)  <b>Total annual operating costs:</b>                  \$1,200,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, courts, law enforcement, other  <b>Building configuration:</b> High rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; perimeter alarm/detection systems                  Inmate security level:                  Maximum: 10%                  Medium: 90%                  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds                  Contract method: Construction management fast track                  Use of inmate labor: None                  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 240                  Double occupancy: 0                  Dorms: 0                  Special housing: 0                  General population: 240                  Total: 240</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

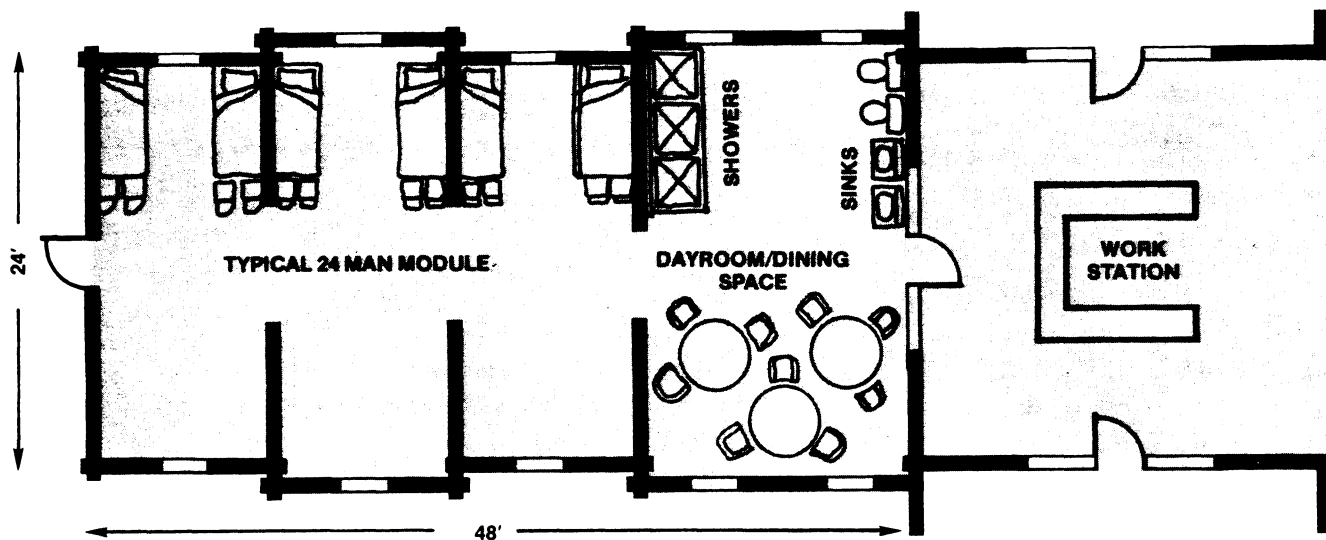
Jurisdiction official: Theodore Sakai, Administrator, Corrections Division

**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><b>Groundbreaking:</b> March 1984  <b>Finish date:</b> May 1984  <b>Construction time:</b> 2 months</p>	<p><b>Design capacity:</b> 83  <b>Total cost:</b> \$170,000  <b>Total annual operating costs:</b> \$261,025 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> County jail; city jail; State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; razor wire on fence; patrols  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Solid log walls  Exterior walls: Solid log  Interior walls: Solid log  Exterior surface/facade: Solid cedar logs</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 1  Double occupancy: 40  Dorms: 40  Special housing: 2  General population: 81  Total: 83</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

<p><b>Groundbreaking:</b> October 1979  <b>Finish date:</b> October 1981  <b>Construction time:</b> 24 months</p>	<p><b>Design capacity:</b> 800  <b>Total cost:</b> \$15,000,000  <b>Total annual operating costs:</b> \$1,389,500 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Wheel, spoke or radial (modified)</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds; State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 750  Double occupancy: 0  Dorms: 0  Special housing: 50  General population: 750  Total: 800</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

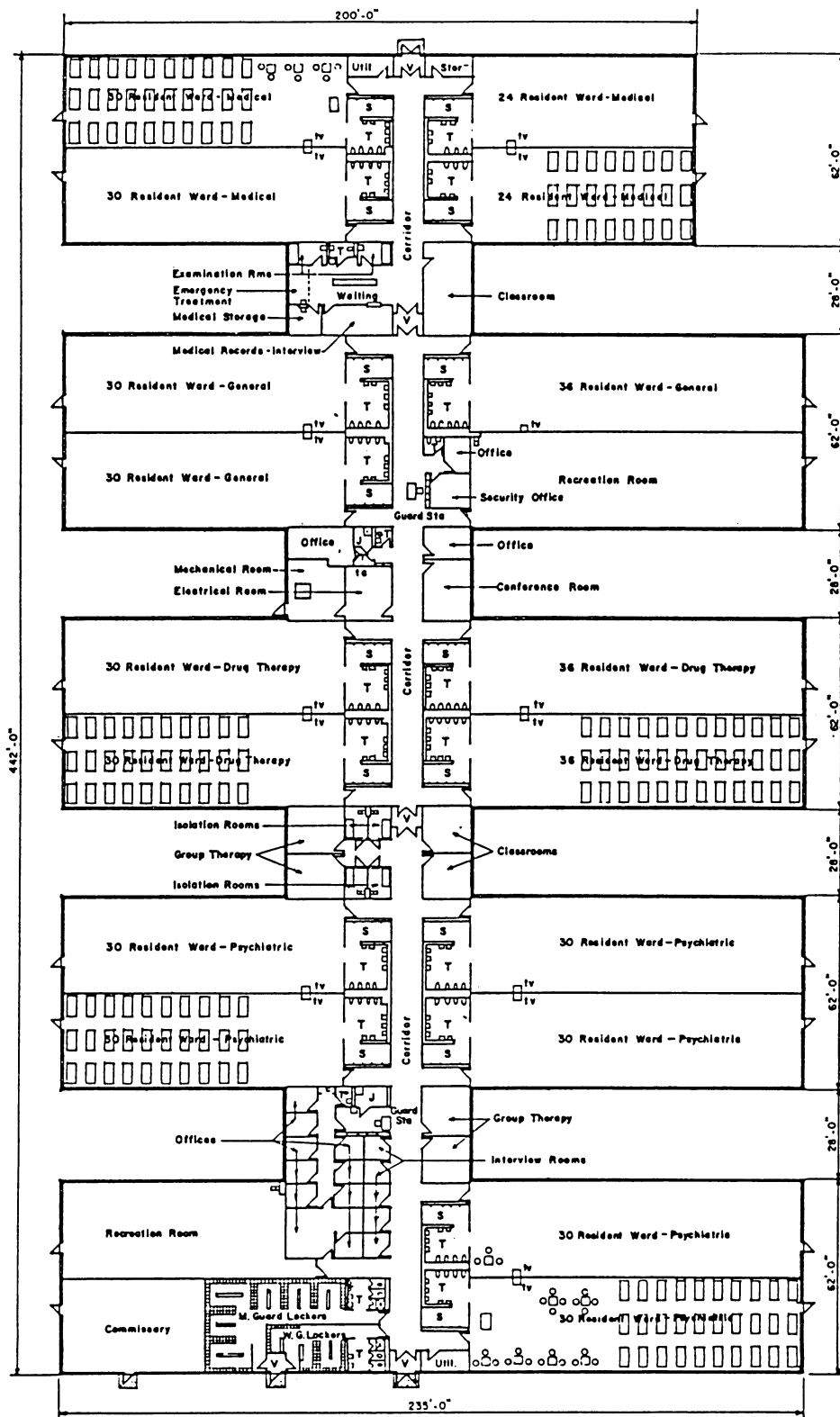
Jurisdiction official: James O'Grady, Sheriff

**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><b>Groundbreaking:</b> June 1984  <b>Finish date:</b> May 1985  <b>Construction time:</b> 11 months</p>	<p><b>Design capacity:</b> 524  <b>Total cost:</b> \$5,900,000  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> County jail, medical and psychiatric treatment facility  <b>Building configuration:</b> Integrated structure; ladder, telephone pole</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on and between fences; towers; patrols  Inmate security level:  Maximum: 0  Medium: 1%  Minimum: 99%</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Brick  Interior walls: CMU block; metal panels  Exterior surface/facade: Brick</p> <p><b>Inmate design capacity</b></p> <p>Single occupancy: 4  Double occupancy: 0  Dorms: 520  Special housing: 0  General population: 524  Total: 524</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Interior wall panels</p>
<p><b>Inmate cells</b></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><b>Current staff</b></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><b>Architect's reported analyses</b></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

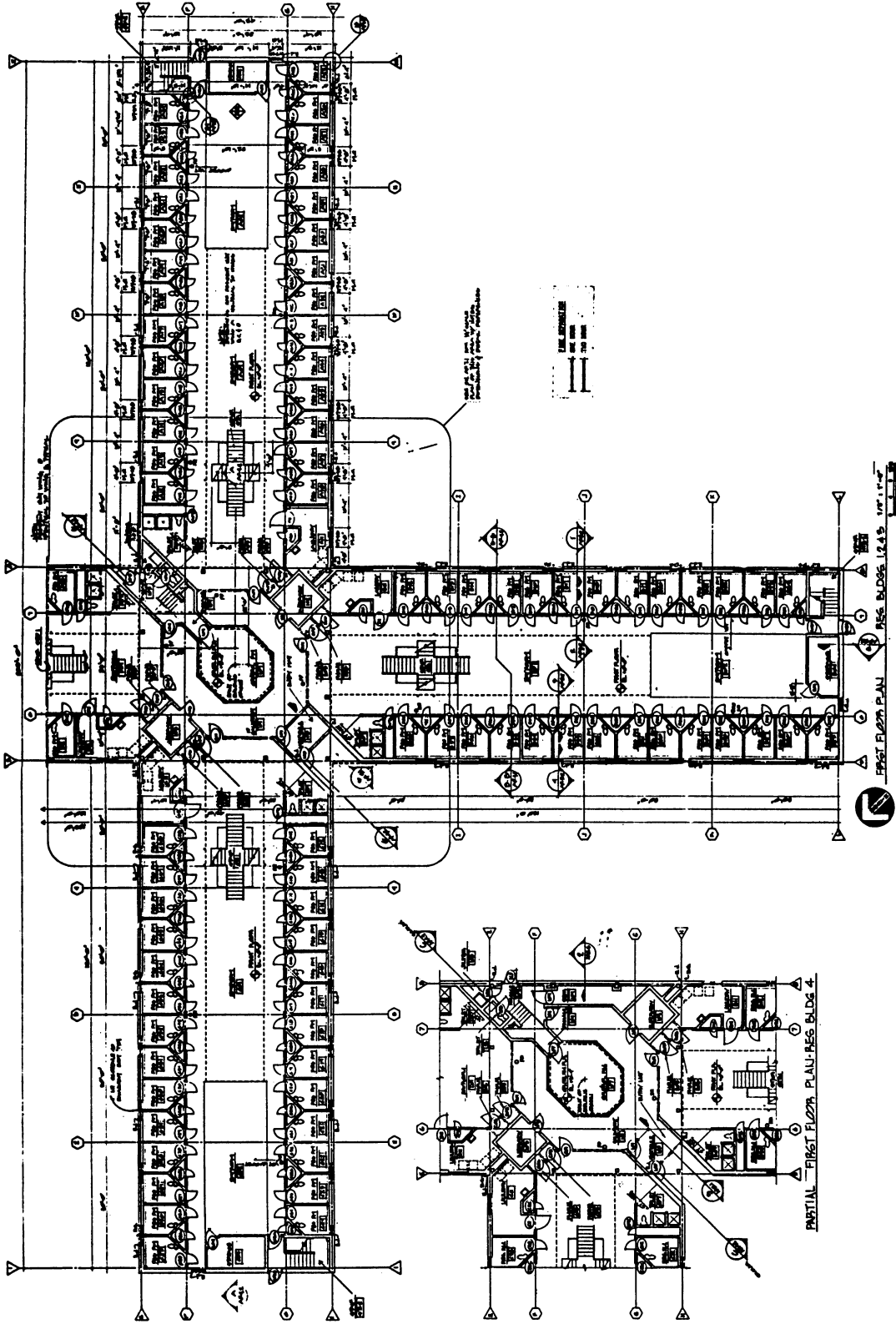
**Contact:** John Russian, Chief Engineer, Danville Correctional Center, Route 136 East, Danville, IL 61832, 217-446-0441

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

**Construction manager:** None

<p><b>Groundbreaking:</b> July 1983  <b>Finish date:</b> September 1985  <b>Construction time:</b> 26 months</p>	<p><b>Design capacity:</b> 941  <b>Total cost:</b> \$33,120,000  <b>Total annual operating costs:</b>          \$9,363,200</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 926          Double occupancy: 0          Dorms: 0          Special housing: 15          General population: 926          Total: 941</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

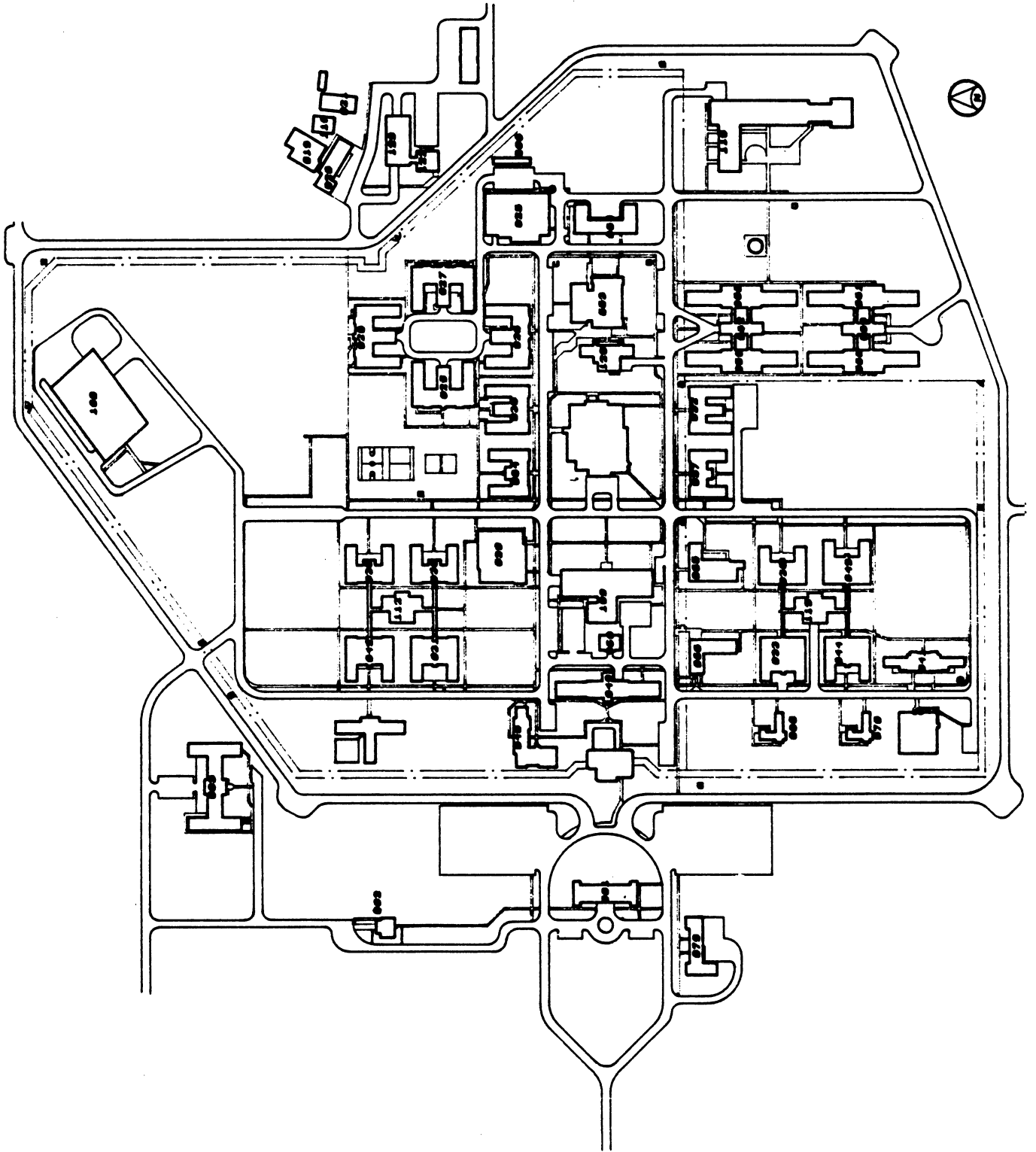
Jurisdiction official: Michael P. Lane, Director, Department of Corrections

**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><b>Groundbreaking:</b> August 1983  <b>Finish date:</b> December 1984  <b>Construction time:</b> 16 months</p>	<p><b>Design capacity:</b> 50  <b>Total cost:</b> \$1,152,303  <b>Total annual operating costs:</b> \$15,247,100 (entire facility)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></p> <p>Structural: Masonry bearing          Exterior walls: CMU block; brick          Interior walls: CMU block          Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds; State funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0          Double occupancy: 0          Dorms: 0          Special housing: 50          General population: 0          Total: 50</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

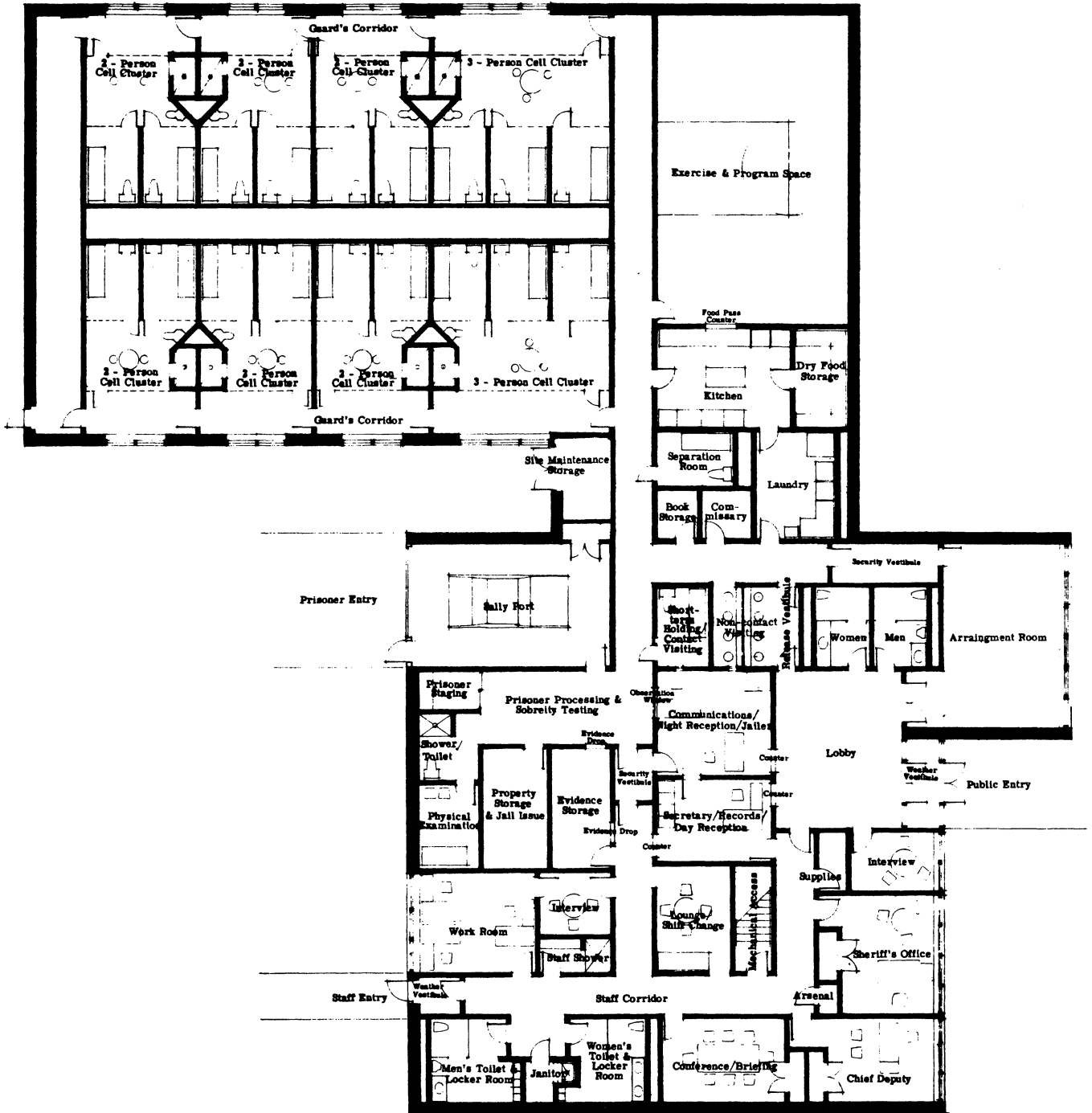
Jurisdiction official: Charles "Chub" Conner, Sheriff

**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><b>Groundbreaking:</b> April 1984  <b>Finish date:</b> May 1986  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 20  <b>Total cost:</b> \$2,100,000  <b>Total annual operating costs:</b> \$128,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement, courts  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 18  Double occupancy: 0  Dorms: 0  Special housing: 2  General population: 18  Total: 20</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> May 1981  <b>Finish date:</b> March 1983  <b>Construction time:</b> 22 months</p>	<p><b>Design capacity:</b> 354  <b>Total cost:</b> \$14,059,500  <b>Total annual operating costs:</b> N/A (complex)</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; video camera surveillance  Inmate security level:  Maximum: 50%  Medium: 50%  Minimum: 0</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 194  Double occupancy: 0  Dorms: 122  Special housing: 38  General population: 316  Total: 354</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architect's reported analyses</b></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>	



# 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><b>Groundbreaking:</b> April 1978  <b>Finish date:</b> May 1979  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 100  <b>Total cost:</b> \$1,241,079  <b>Total annual operating costs:</b> \$1,176,700 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison (women's facility)  <b>Building configuration:</b> Wheel, spoke or radial (modified)</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; double fence; razor wire on and between fences  Inmate security level:  Maximum: 50%  Medium: 50%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds; State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 50  Double occupancy: 0  Dorms: 0  Special housing: 50  General population: 50  Total: 100</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: Unknown  Security: Unknown  Programs/treatment: Unknown  Maintenance: Unknown  Total: Unknown  Current inmate/staff ratio: Unknown</p>	<p><b>Architect's reported analyses</b></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)

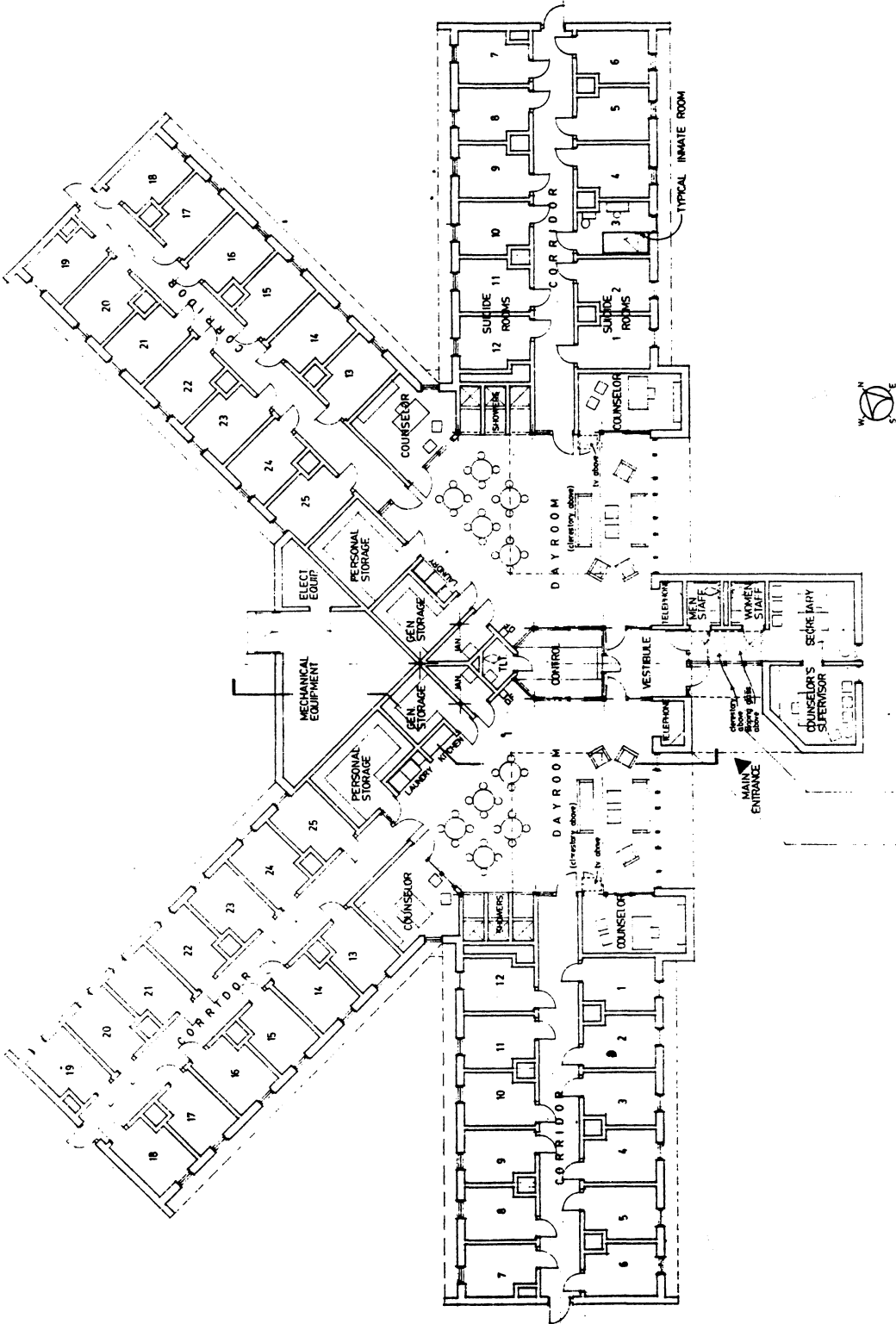
Jurisdiction official: Michael P. Lane, Director, Department of Corrections

**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><b>Groundbreaking:</b> March 1984  <b>Finish date:</b> December 1984  <b>Construction time:</b> 9 months</p>	<p><b>Design capacity:</b> 96  <b>Total cost:</b> \$3,120,935  <b>Total annual operating costs:</b> \$1,366,800 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison (women's facility)  <b>Building configuration:</b> Wheel, spoke or radial (modified)</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; double fence; razor wire on and between fences  Inmate security level:  Maximum: 51%  Medium: 49%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 50  Double occupancy: 0  Dorms: 0  Special housing: 46  General population: 50  Total: 96</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: Unknown  Security: Unknown  Programs/treatment: Unknown  Maintenance: Unknown  Total: Unknown  Current inmate/staff ratio: Unknown</p>	<p><b>Architect's reported analyses</b></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  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>

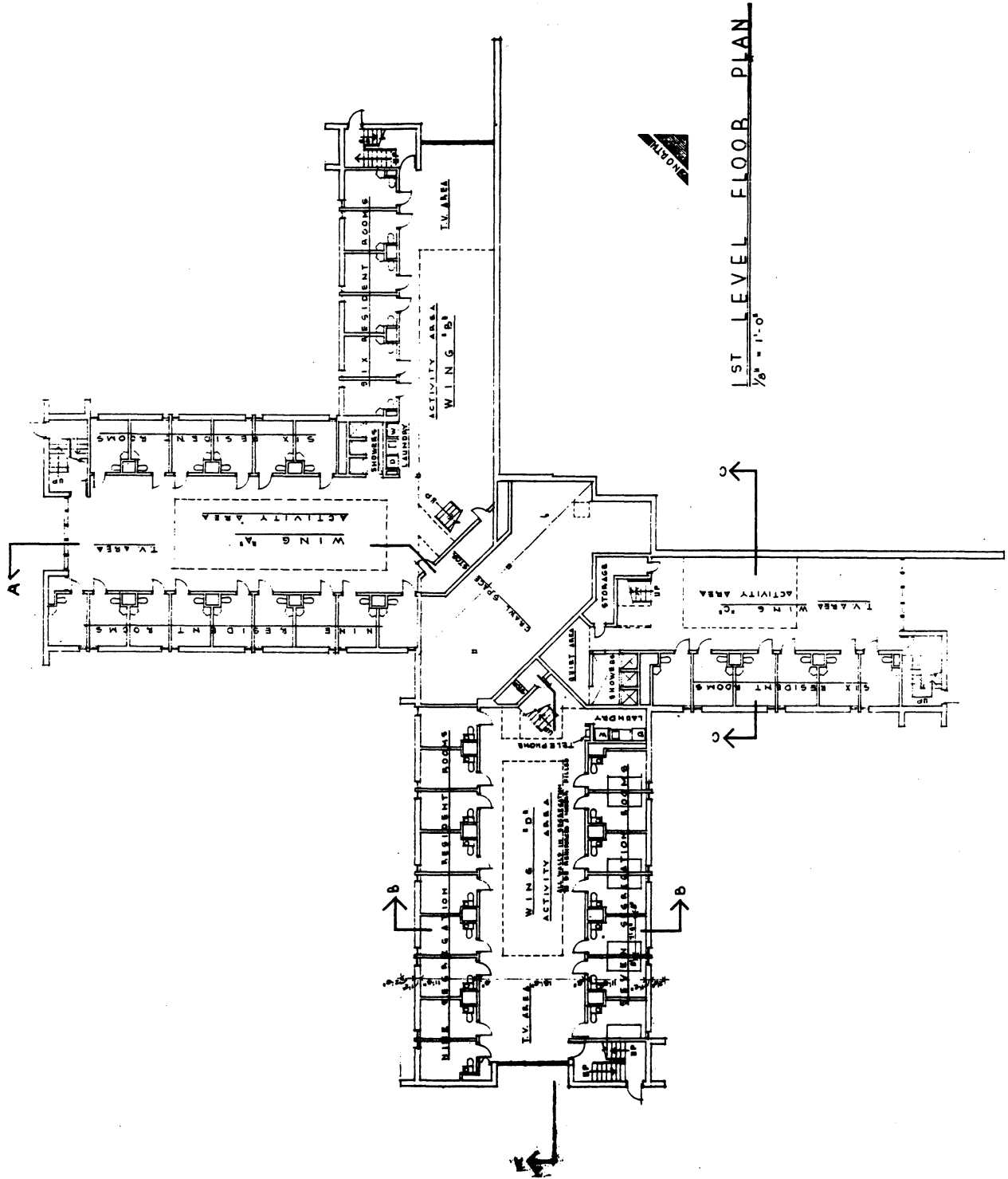


# East Moline Correctional Center (Addition)

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><b>Groundbreaking:</b> October 1982  <b>Finish date:</b> May 1984  <b>Construction time:</b> 19 months</p>	<p><b>Design capacity:</b> 200  <b>Total cost:</b> \$4,225,999  <b>Total annual operating costs:</b> \$3,135,000 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> High rise; wheel, spoke or radial (modified)</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; razor wire on fence  Inmate security level:  Maximum: 3%  Medium: 0  Minimum: 97%</p>	<p><b>Construction type</b></p> <p>Structural: Masonry bearing precast concrete floor slabs  Exterior walls: CMU block; brick  Interior walls: CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 200  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 200  Total: 200</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> October 1979  <b>Finish date:</b> October 1981  <b>Construction time:</b> 24 months</p>	<p><b>Design capacity:</b> 786  <b>Total cost:</b> \$15,000,000  <b>Total annual operating costs:</b> \$1,388,200 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Wheel, spoke or radial (modified)</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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: 36  General population: 750  Total: 786</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> October 1980  <b>Finish date:</b> April 1981  <b>Construction time:</b> 6 months</p>	<p><b>Design capacity:</b> N/A  <b>Total cost:</b> \$426,906  <b>Total annual operating costs:</b> \$1,475,100 (entire facility)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> Juvenile correctional facility (dining room/kitchen)  <b>Building configuration:</b> Wheel, spoke or radial (modified)</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 4%  Medium: 0  Minimum: 96%</p>	<p><b>Construction type</b></p> <p>Structural: Unknown  Exterior walls: CMU block; brick  Interior walls: CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds; State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b>  (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><b>Inmate design capacity</b></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><b>Current staff</b></p> <p>Full-time equivalent:  Administration: 12  Security: 21  Programs/treatment: 6  Maintenance: 4  Total: 43  Current inmate/staff ratio: N/A</p>	<p><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> October 1979  <b>Finish date:</b> November 1980  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 50  <b>Total cost:</b> \$905,313  <b>Total annual operating costs:</b> \$1,475,100          (entire facility)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> Juvenile correctional facility  <b>Building configuration:</b> Wheel, spoke or radial</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only          Inmate security level:            Maximum: 4%            Medium: 0            Minimum: 96%</p>	<p><b>Construction type</b></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; combination brick and redwood siding</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds; State funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 50          Double occupancy: 0          Dorms: 0          Special housing: 0          General population: 50          Total: 50</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

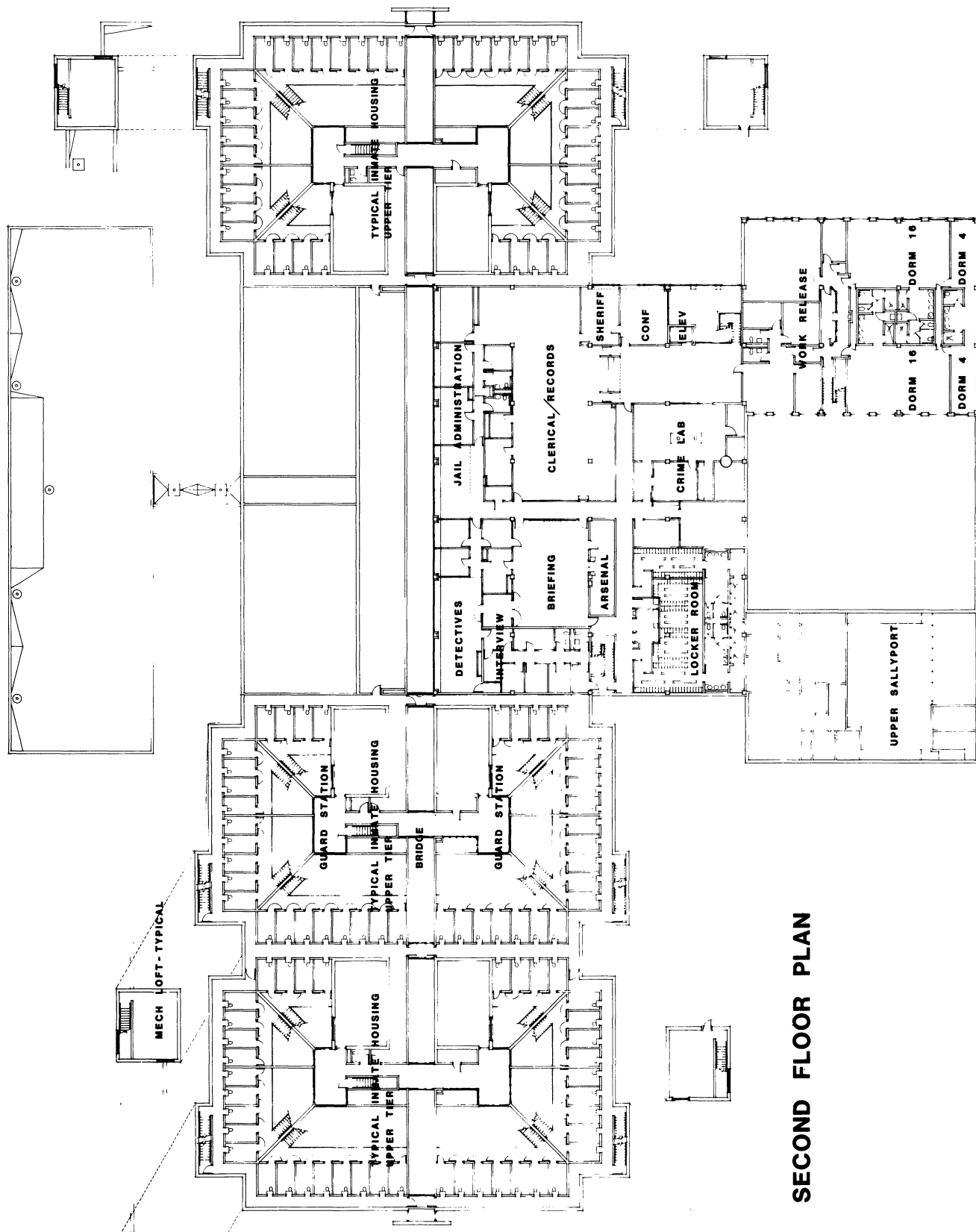
Jurisdiction official: George P. Shadid, Sheriff

**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><b>Groundbreaking:</b> April 1983 <b>Finish date:</b> June 1985 <b>Construction time:</b> 26 months</p>	<p><b>Design capacity:</b> 345 <b>Total cost:</b> \$12,500,000 <b>Total annual operating costs:</b> \$2,000,000</p>	<p><b>Category:</b> New, independent facility <b>Facility type:</b> Complex: county jail, law enforcement <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on fences; video camera surveillance Inmate security level: Maximum: 71% Medium: 0 Minimum: 29%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Lease revenue bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 222 Double occupancy: 0 Dorms: 0 Special housing: 123 General population: 222 Total: 345</p> <p><b>Current staff</b></p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p>	<p><b>Architects' reported analyses</b></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

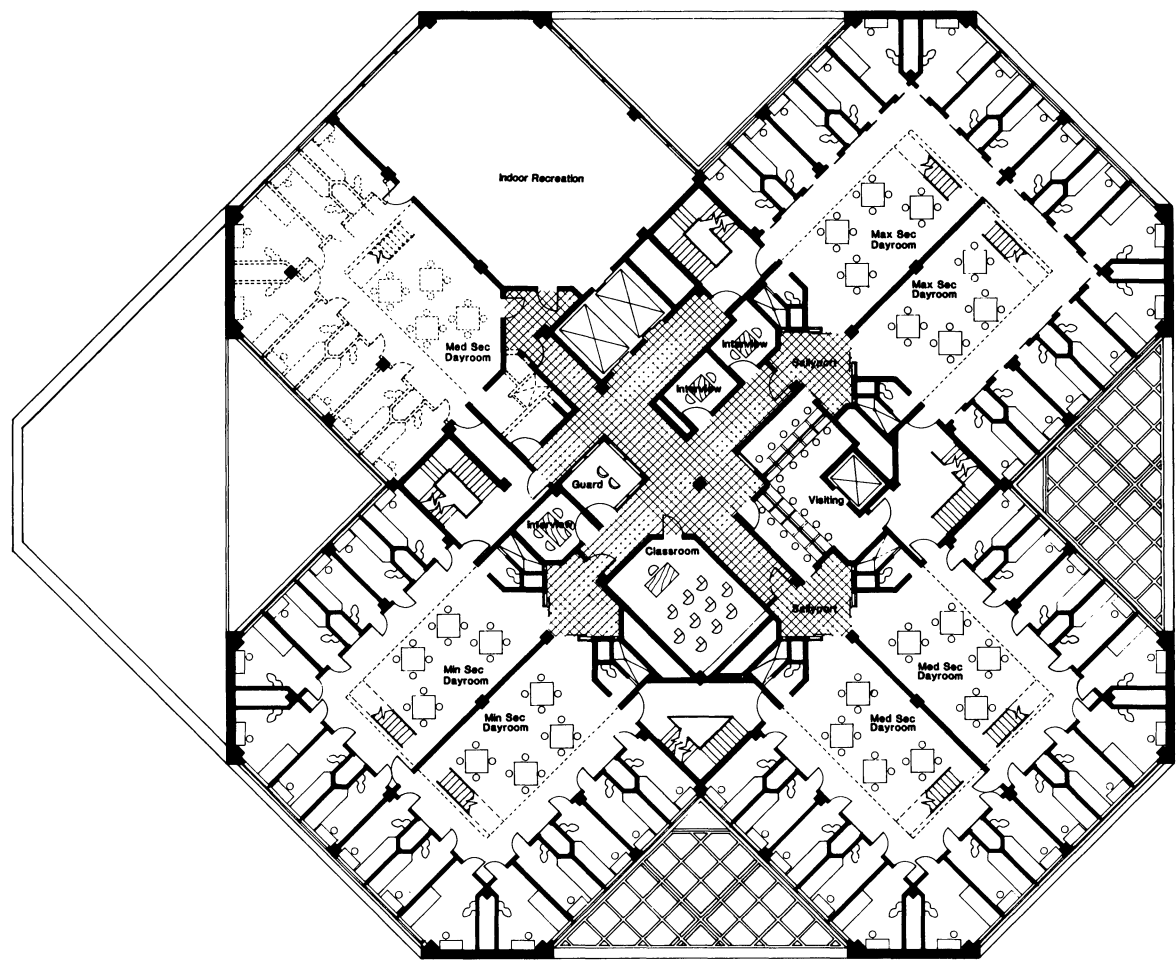
Jurisdiction official: Gordon Powell, Sheriff

**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><b>Groundbreaking:</b> July 1983  <b>Finish date:</b> August 1985  <b>Construction time:</b> 25 months</p>	<p><b>Design capacity:</b> 200  <b>Total cost:</b> \$7,566,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, sheriff admin., court  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Current staff</b></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><b>Architect's reported analyses</b></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

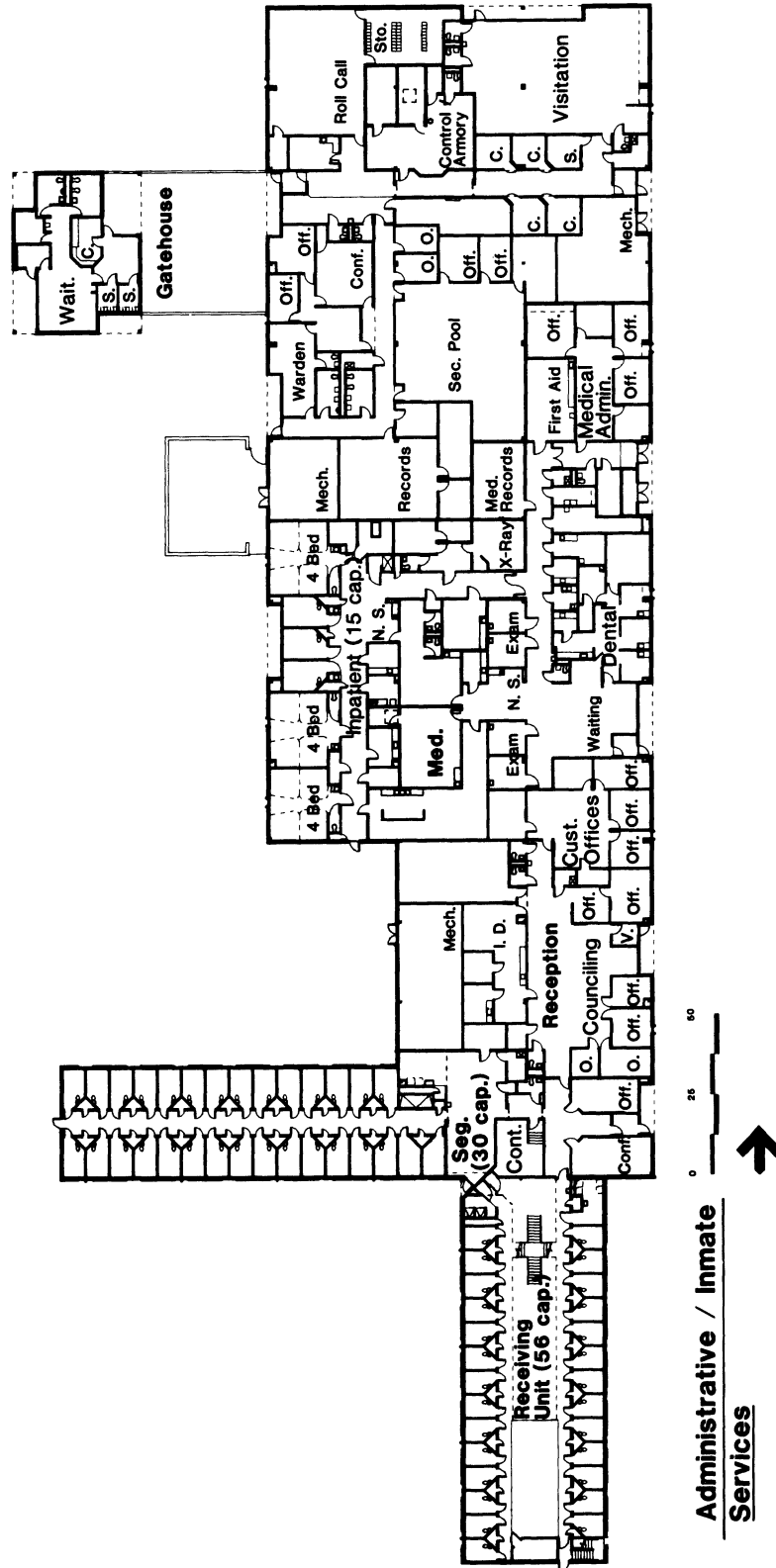
**Contact:** Warden James H. Thieret, Shawnee Correctional Center, P.O. Box 400, Vienna, IL 62995, 618-658-8331

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

**Construction manager:** None

<p><b>Groundbreaking:</b> November 1982  <b>Finish date:</b> February 1985  <b>Construction time:</b> 28 months</p>	<p><b>Design capacity:</b> 926  <b>Total cost:</b> \$32,400,000  <b>Total annual operating costs:</b> \$14,796,200 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison; State vehicle maintenance  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on and between fences; towers; patrols  Inmate security level:  Maximum: 3%  Medium: 97%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 896  Double occupancy: 0  Dorms: 0  Special housing: 30  General population: 896  Total: 926</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>





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

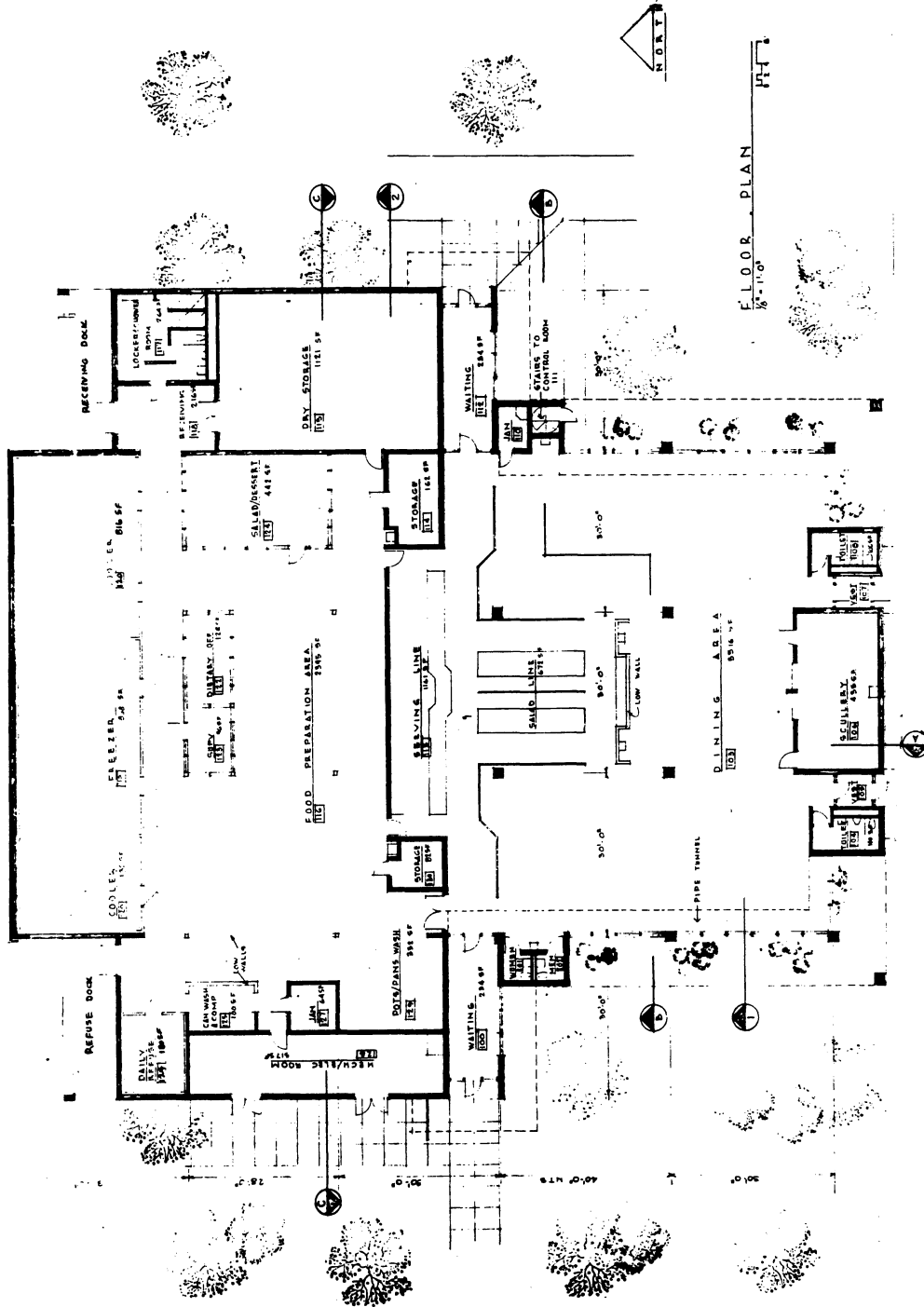
Jurisdiction official: Michael P. Lane, Director, Department of Corrections

**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><b>Groundbreaking:</b> May 1982  <b>Finish date:</b> May 1983  <b>Construction time:</b> 12 months</p>	<p><b>Design capacity:</b> N/A  <b>Total cost:</b> \$2,088,303  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison (kitchen/dining facility)  <b>Building configuration:</b> Unknown</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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>Structural: Masonry bearing with heavy timber  Exterior walls: Brick; cedar siding  Interior walls: CMU block; structural glazed tile  Exterior surface/facade: Brick</p> <p><b>Inmate design capacity</b></p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Moderate; roof construction</p>
<p><b>Inmate cells</b>  (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>	<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><b>Current staff</b></p> <p>Full-time equivalent:  Administration: Unknown  Security: Unknown  Programs/treatment: Unknown  Maintenance: Unknown  Total: Unknown  Current inmate/staff ratio: Unknown</p>	<p><b>Architect's reported analyses</b></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>



# 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><b>Groundbreaking:</b> December 1982  <b>Finish date:</b> February 1984  <b>Construction time:</b> 14 months</p>	<p><b>Design capacity:</b> 10  <b>Total cost:</b> \$2,812,065  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building; remodel/renovation project; expansion  <b>Facility type:</b> State prison  <b>Building configuration:</b> Existing buildings and additions</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Brick  Interior walls: CMU block  Exterior surface/facade: Brick</p> <p><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 0  Special housing: 10  General population: 0  Total: 10</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds; State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Current staff</b></p> <p>Full-time equivalent:  Administration: Unknown  Security: Unknown  Programs/treatment: Unknown  Maintenance: Unknown  Total: Unknown  Current inmate/staff ratio: Unknown</p>	<p><b>Architect's reported analyses</b></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>

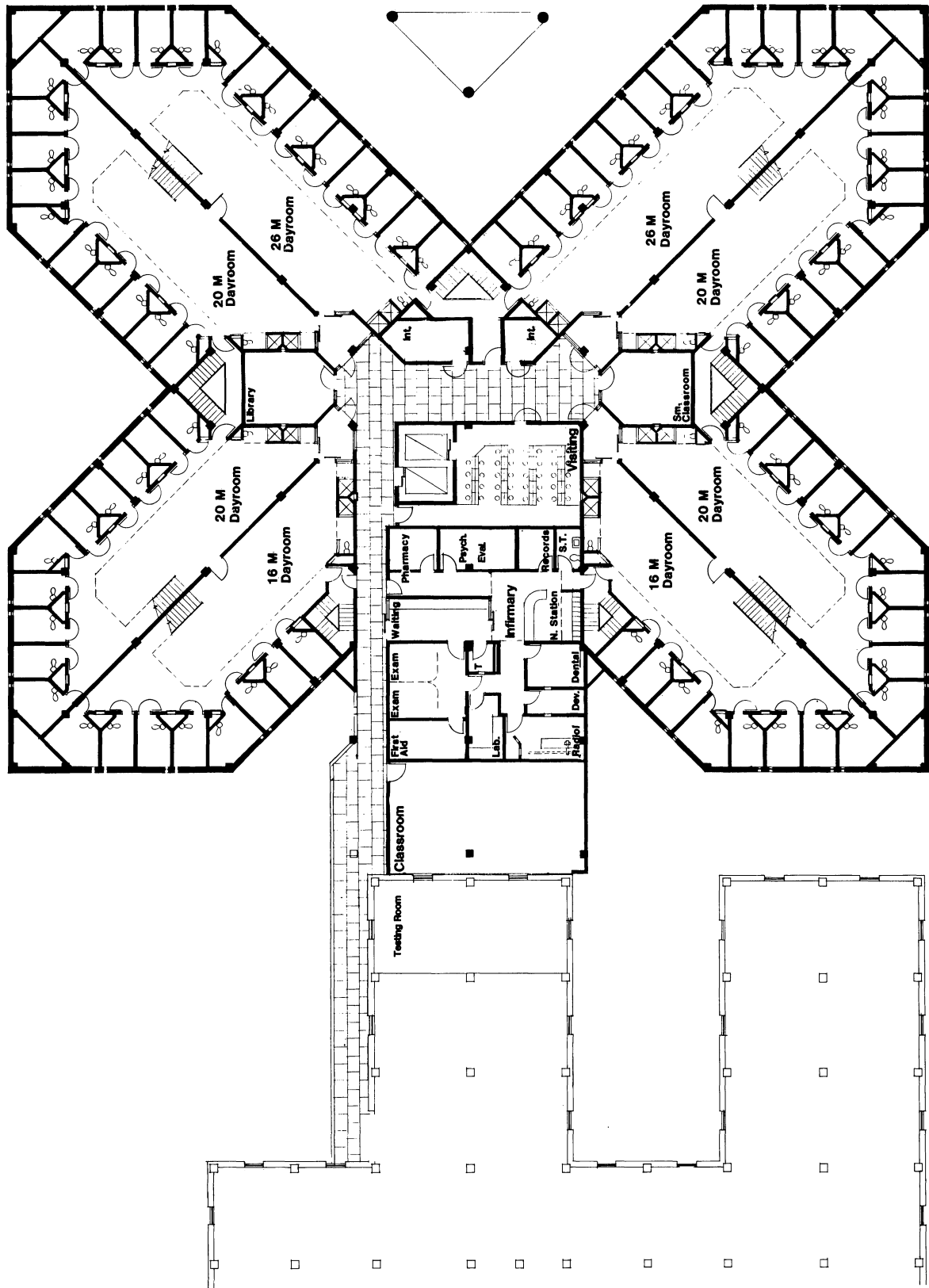
(No floorplan available at time of publication)

# 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><b>Groundbreaking:</b> January 1983  <b>Finish date:</b> December 1985  <b>Construction time:</b> 36 months</p>	<p><b>Design capacity:</b> 337  <b>Total cost:</b> \$18,000,000  <b>Total annual operating costs:</b> \$24,500,000 (entire facility)</p>	<p><b>Category:</b> New, ancil. building; remodel  <b>Facility type:</b> Complex: county jail, law enforcement, crime lab  <b>Building configuration:</b> High rise in radial formation</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Alarm detection systems; video camera surveillance  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Cast-in-place concrete frame  Exterior walls: Brick  Interior walls: CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 325  Double occupancy: 0  Dorms: 0  Special housing: 12  General population: 325  Total: 337</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

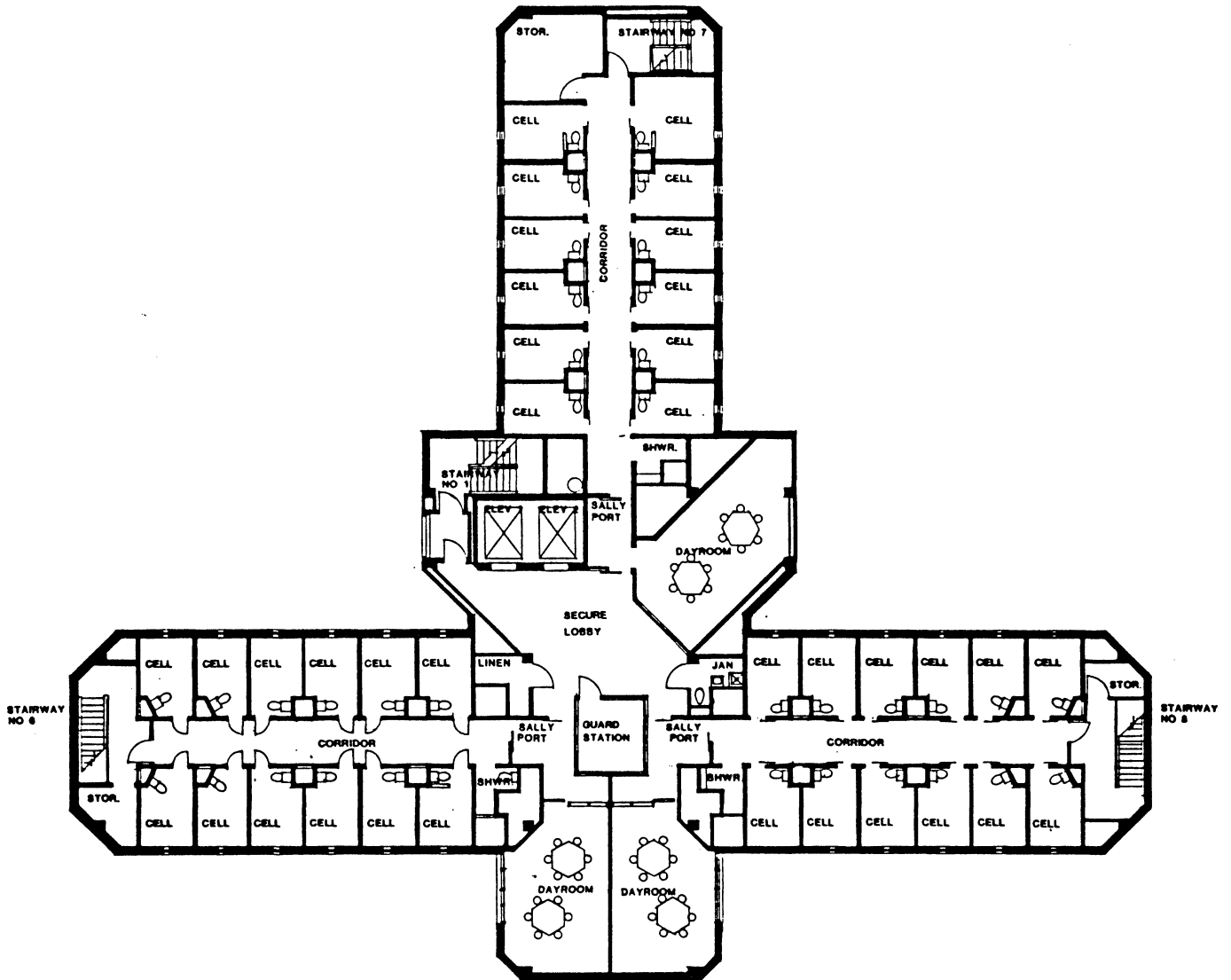
**Contact:** Floyd Jones, Chief Jailer, Polk County Jail, 110 6th Avenue, Des Moines, IA 50309, 515-286-3804

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

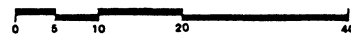
**Construction manager:** None

<p><b>Groundbreaking:</b> April 1981  <b>Finish date:</b> December 1983  <b>Construction time:</b> 32 months</p>	<p><b>Design capacity:</b> 210  <b>Total cost:</b> \$8,900,000  <b>Total annual operating costs:</b> \$2,276,016</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> High rise in radial formation</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; single fence; alarm/detection systems          Inmate security level:              Maximum: 83%              Medium: 0              Minimum: 17%</p>	<p><b>Construction type</b></p> <p>Structural: Cast-in-place concrete frame          Exterior walls: CMU block; brick          Interior walls: CMU block          Exterior surface/facade: Brick</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 180          Double occupancy: 0          Dorms: 0          Other: 18          Special housing: 12          General population: 198          Total: 210</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> January 1986  <b>Finish date:</b> September 1987  <b>Construction time:</b> 20 months</p>	<p><b>Design capacity:</b> 108  <b>Total cost:</b> \$7,112,760  <b>Total annual operating costs:</b> \$840,601</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement, courts, Sheriff's Department  <b>Building configuration:</b> Integ. structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 66  Double occupancy: 0  Dorms: 0  Special housing: 42  General population: 66  Total: 108</p> <p><b>Current staff</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 11%  Medium: 89%  Minimum: 0</p>	<p><b>Construction process</b></p> <p>Finance method: Lease Purchase Bonds  Contract method: Separate contracts  Use of inmate labor: None  Use of prefabrication: None</p>	<p><b>Architect's reported analyses</b></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>
<p><b>Inmate cells</b></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>		

(No floorplan available at time of publication)

# Johnson County Juvenile Hall

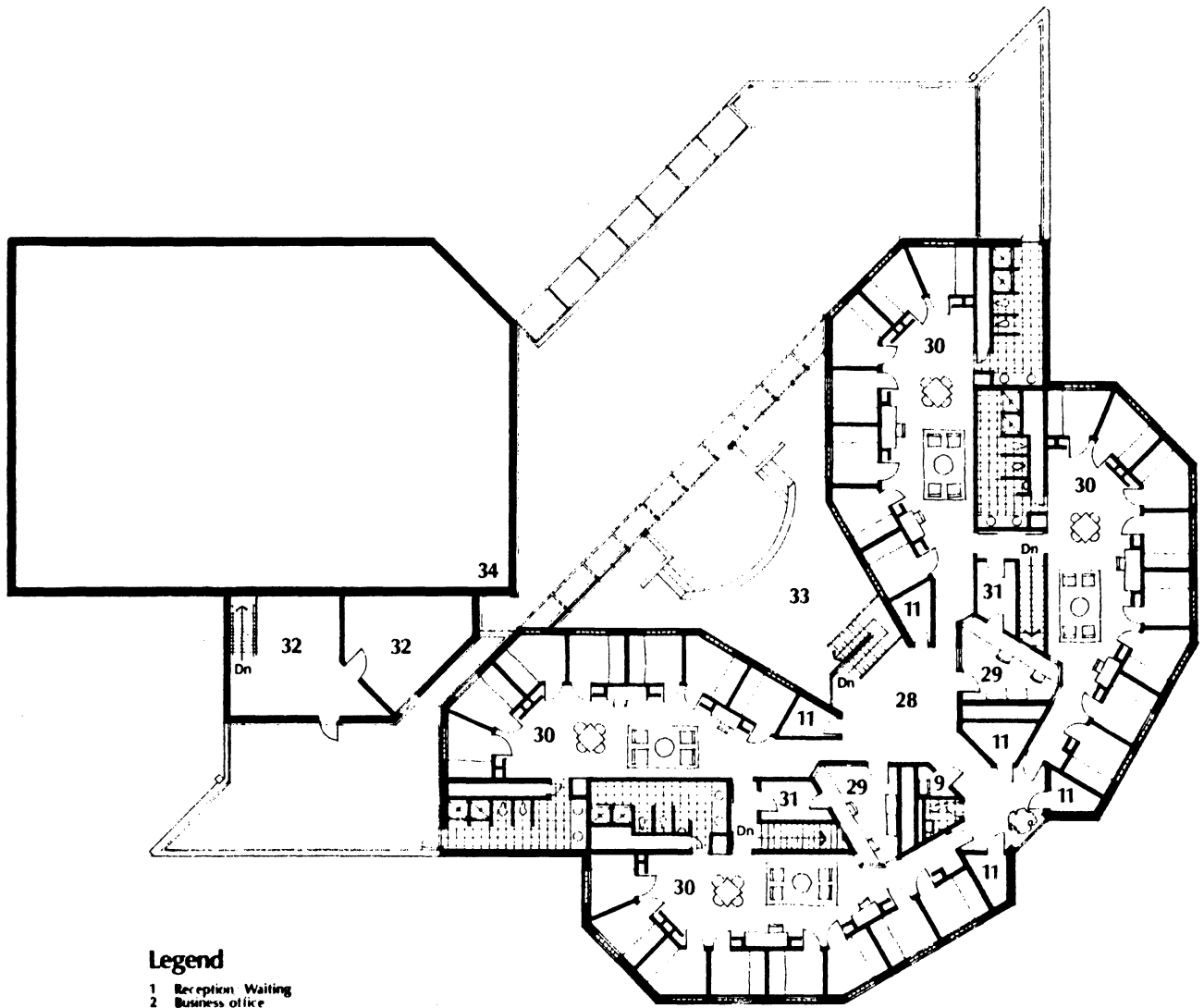
Jurisdiction official: Herbert Walton, Judge

**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

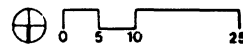
<p><b>Groundbreaking:</b> May 1978  <b>Finish date:</b> May 1980  <b>Construction time:</b> 24 months</p>	<p><b>Design capacity:</b> 34  <b>Total cost:</b> \$1,700,000  <b>Total annual operating costs:</b> \$697,594</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Juvenile detention facility  <b>Building configuration:</b> Clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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>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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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>Single occupancy: 30  Double occupancy: 0  Dorms: 0  Other: 4  Special housing: 0  General population: 34  Total: 34</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: 2  Security: 21  Programs/treatment: 3  Maintenance: 4  Total: 30  Current inmate/staff ratio: .60:1</p>	<p><b>Architect's reported analyses</b></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
- 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

**Second Floor Plan**



# Kansas State Penitentiary (Phase One) (Addition)

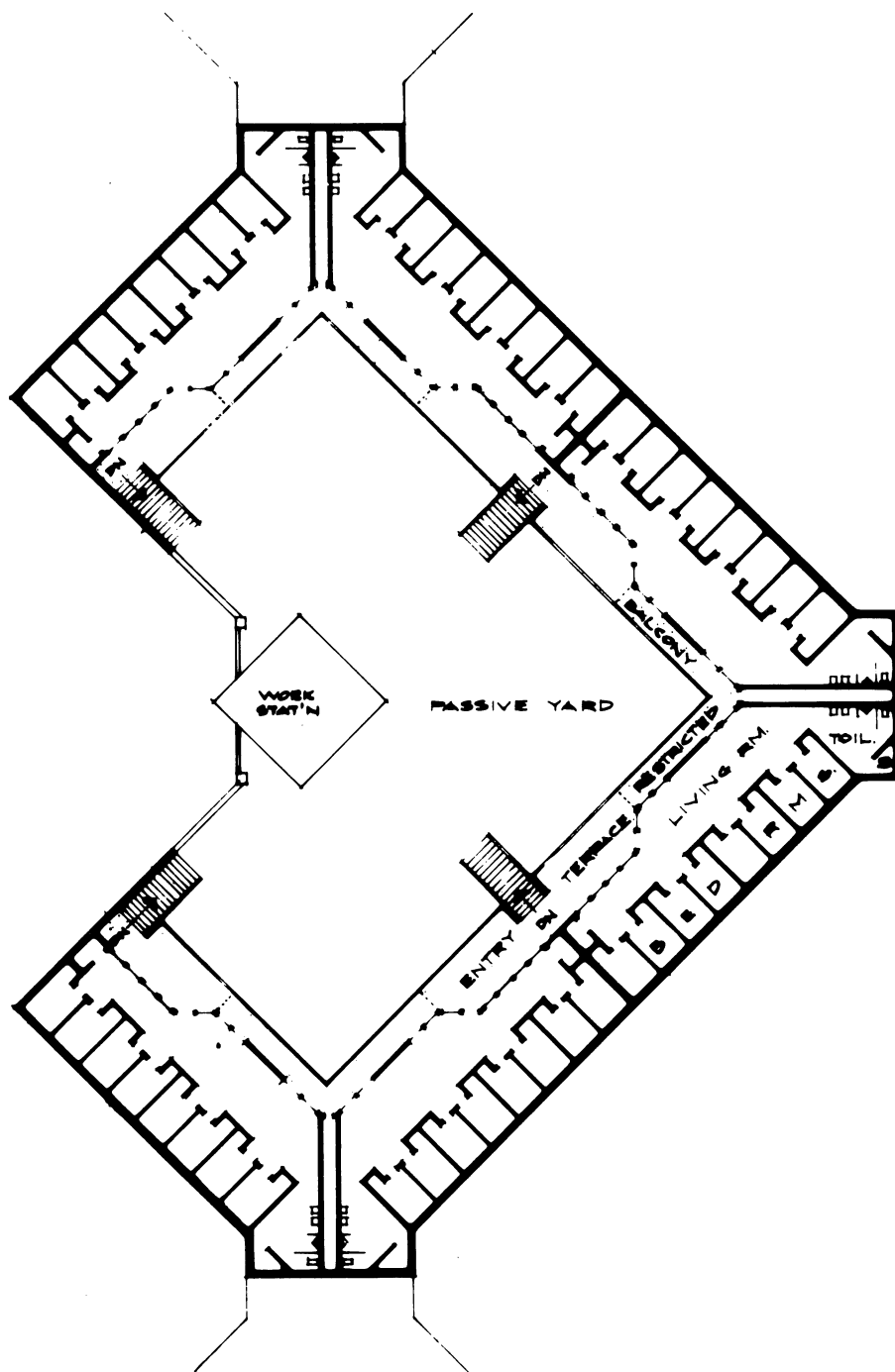
Jurisdiction official: Richard A. Mills, Secretary, Department of Corrections

**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><b>Groundbreaking:</b> September 1982  <b>Finish date:</b> July 1985  <b>Construction time:</b> 35 months</p>	<p><b>Design capacity:</b> 288  <b>Total cost:</b> \$10,700,000  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building; phased project (future)  <b>Facility type:</b> State prison  <b>Building configuration:</b> Courtyard; clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction process</b></p> <p>Finance method: Revenue sharing; State funds  Contract method: Conventional  Use of inmate labor: Extensive  Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 288  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 288  Total: 288</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

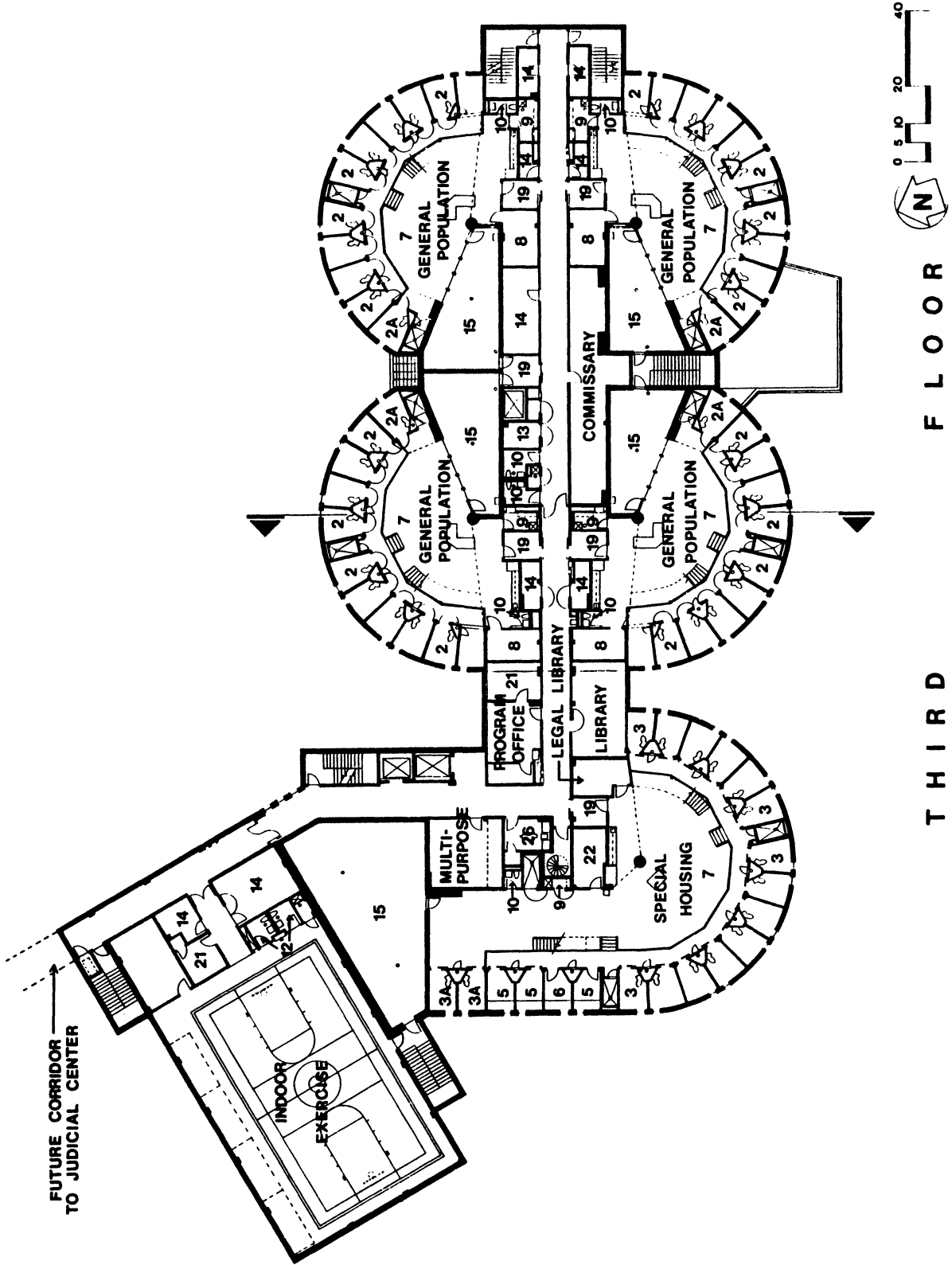
**Contact:** Earl Hindman, Director, Shawnee County Department of Corrections, 501 East 8th Street, Topeka, KS 66607, 913-291-4073

**Architect:** Slemmons Associates Architects, P.A., Suite 1515, One Townsite Plaza, Topeka, KS 66603, 913-235-9244

**Construction manager:** None

<p><b>Groundbreaking:</b> August 1985  <b>Finish date:</b> September 1987  <b>Construction time:</b> 25 months</p>	<p><b>Design capacity:</b> 190  <b>Total cost:</b> \$14,407,900  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, city jail, work release center, admin. offices  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; alarm/detection systems; video camera surveillance  Inmate security level:  Maximum: 74%  Medium: 0  Minimum: 21%  Other: 5%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds; local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 140  Double occupancy: 0  Dorms: 0  Special housing: 50  General population: 140  Total: 190</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



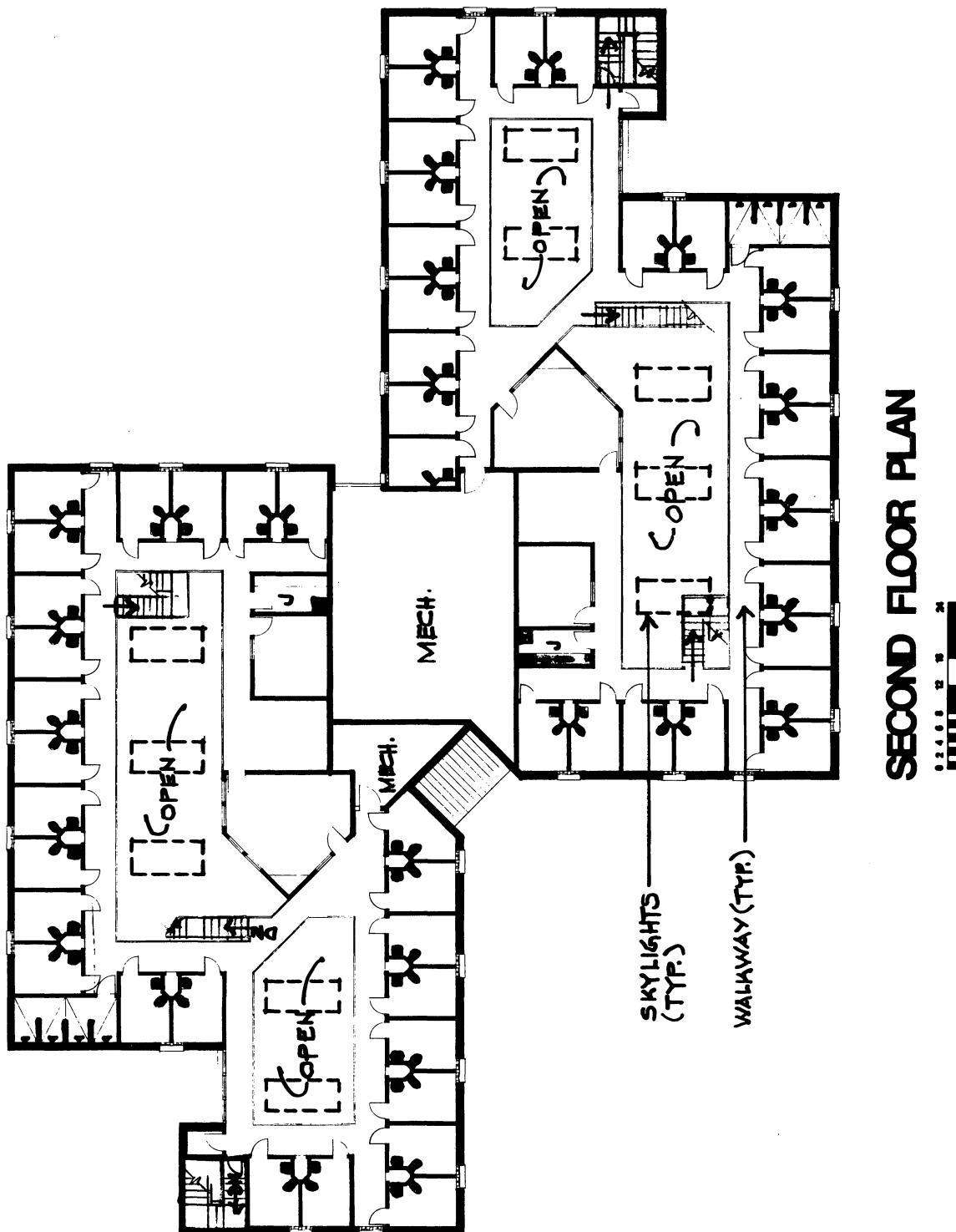


# Federal Correctional Institution (Addition)

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><b>Groundbreaking:</b> December 1983  <b>Finish date:</b> November 1985  <b>Construction time:</b> 23 months</p>	<p><b>Design capacity:</b> 100  <b>Total cost:</b> \$1,753,000  <b>Total annual operating costs:</b> \$418,310 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> Federal prison  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Federal funds  Contract method: Conventional  Use of inmate labor: Limited; painting  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 100  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 100  Total: 100</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



# Knox County Jail

Jurisdiction official: Wilbur Bingham, Sheriff

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

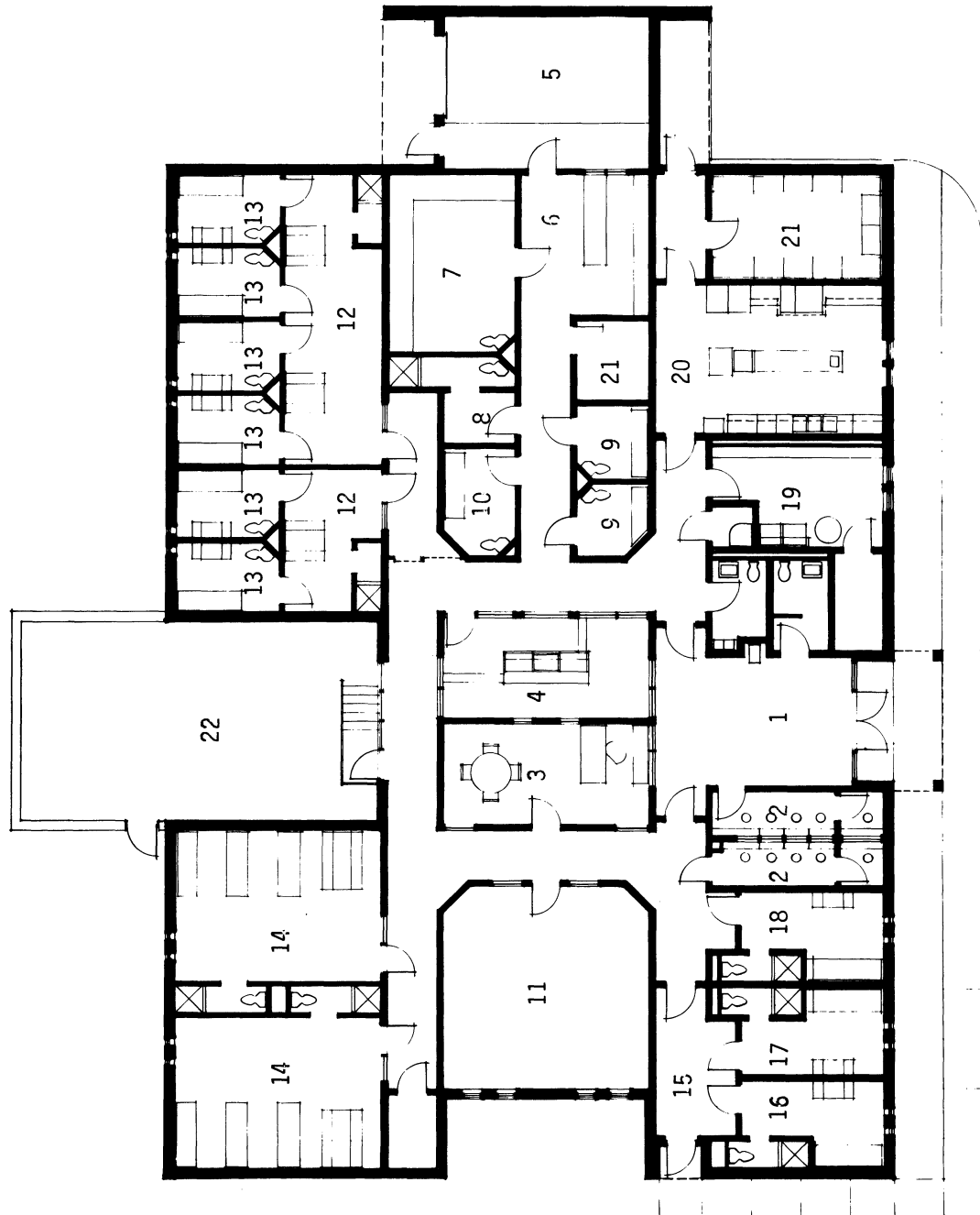
**Architect:** Chrisman, Miller, Woodford, Inc., 326 South Broadway, Lexington, KY 40508, 606-254-6623

**Construction manager:** None

<p><b>Groundbreaking:</b> January 1984  <b>Finish date:</b> November 1984  <b>Construction time:</b> 10 months</p>	<p><b>Design capacity:</b> 37  <b>Total cost:</b> \$666,000  <b>Total annual operating costs:</b> \$284,115</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 40%  Medium: 20%  Minimum: 40%</p>	<p><b>Construction type</b></p> <p>Structural: Load bearing masonry  Exterior walls: CMU block  Interior walls: CMU block  Exterior surface/facade: Stucco; textured concrete block</p>	<p><b>Construction process</b></p> <p>Finance method: Local funds; State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 18  Dorms: 12  Special housing: 7  General population: 30  Total: 37</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

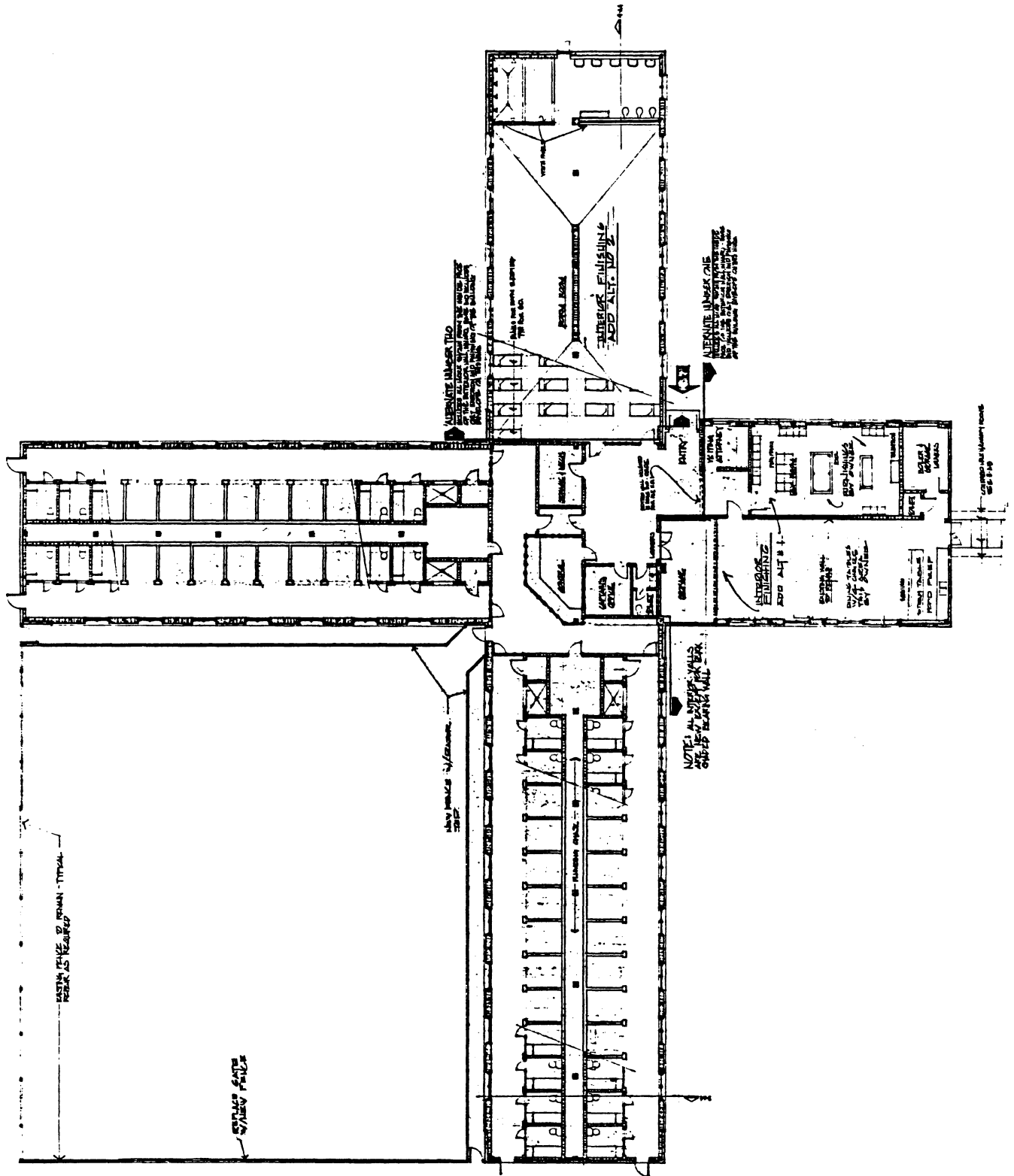


# Dixon Correctional Institute (Remodel)

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><b>Groundbreaking:</b> November 1983  <b>Finish date:</b> January 1985  <b>Construction time:</b> 14 months</p>	<p><b>Design capacity:</b> 100  <b>Total cost:</b> \$1,135,427  <b>Total annual operating costs:</b> \$1,475,400</p>	<p><b>Category:</b> Remodeling/renovation project  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; razor wire on fence; patrols  Inmate security level:  Maximum: 50%  Medium: 0  Minimum: 50%</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Brick  Interior walls: CMU block  Exterior surface/facade: Brick</p> <p><b>Inmate design capacity</b></p> <p>Single occupancy: 50  Double occupancy: 0  Dorms: 50  Special housing: 0  General population: 100  Total: 100</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Current staff</b></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><b>Architect's reported analyses</b></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

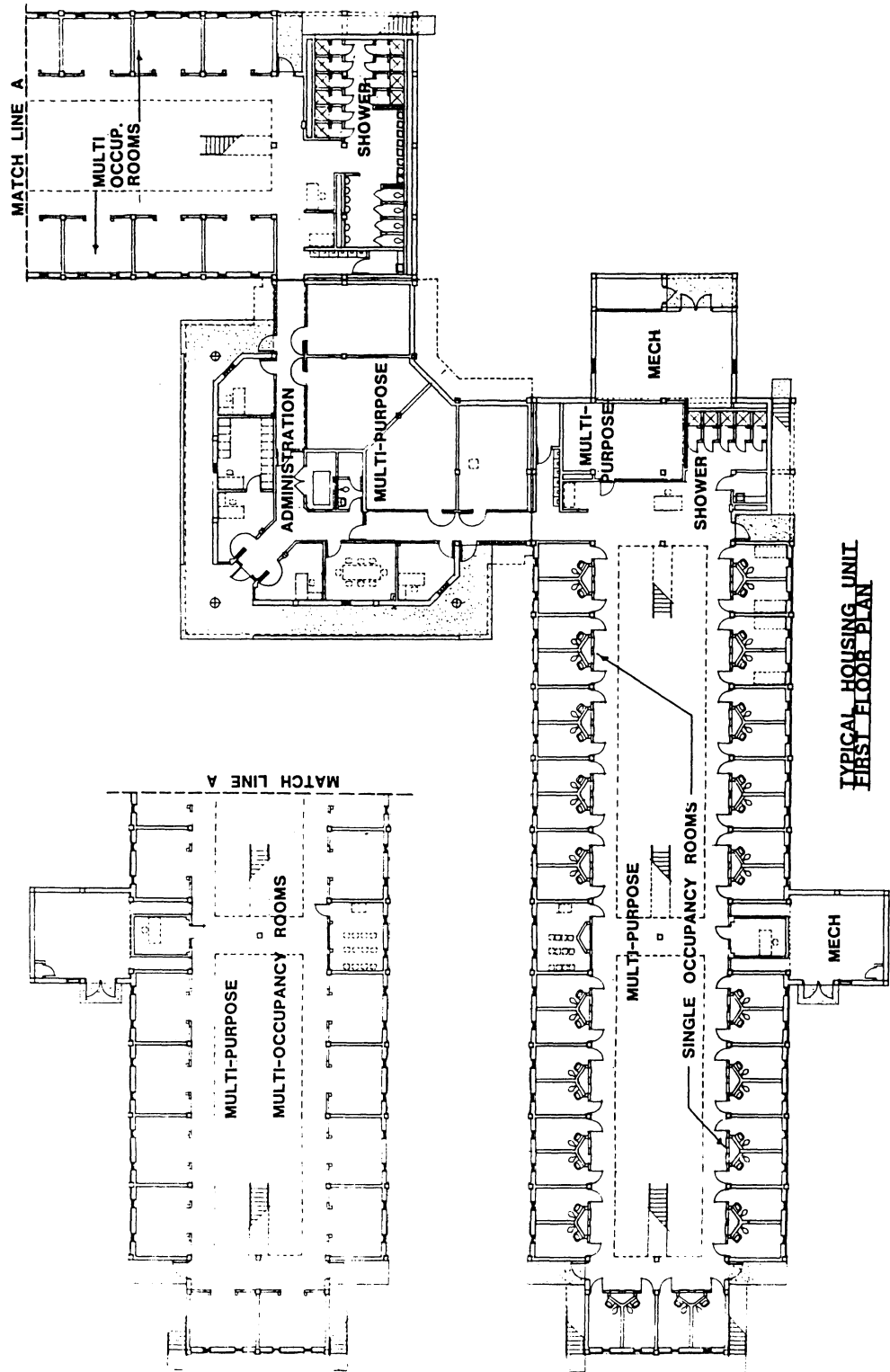
**Contact:** Warden J.R. Johnson, Federal Detention Center, P.O. Box 5050, East Whatley Road, Oakdale, LA 71463, 318-335-4070

**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><b>Groundbreaking:</b> July 1984  <b>Finish date:</b> March 1986  <b>Construction time:</b> 20 months</p>	<p><b>Design capacity:</b> 907  <b>Total cost:</b> \$16,823,295  <b>Total annual operating costs:</b> \$10,400,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: Federal detention center, law enforcement, courts  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; alarm/detection systems; patrols  Inmate security level:  Maximum: None  Medium: 16%  Minimum: 84%</p>	<p><b>Construction process</b></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><b>Architect's reported analyses</b></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>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 82  Double occupancy: 0  Dorms: 820  Special housing: 5  General population: 902  Total: 907</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: 45  Security: 98  Programs/treatment: 48  Maintenance: 25  Total: 216  Current inmate/staff ratio: N/A</p>	



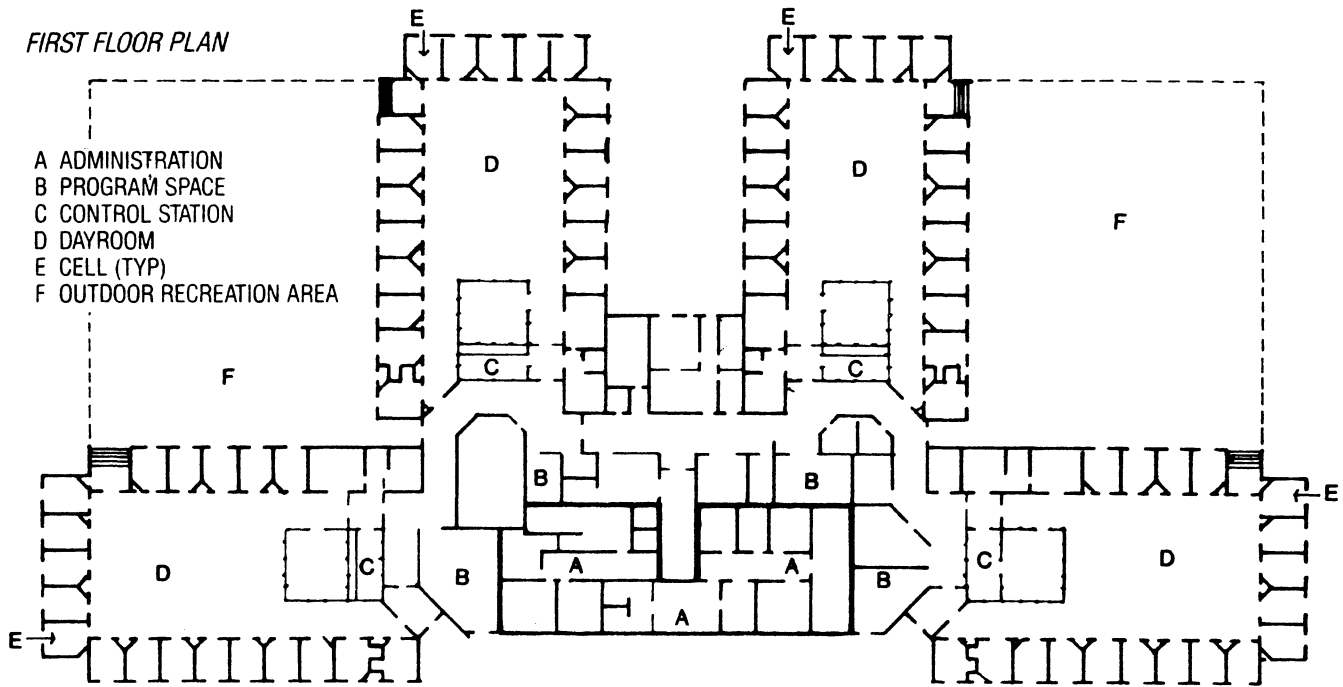
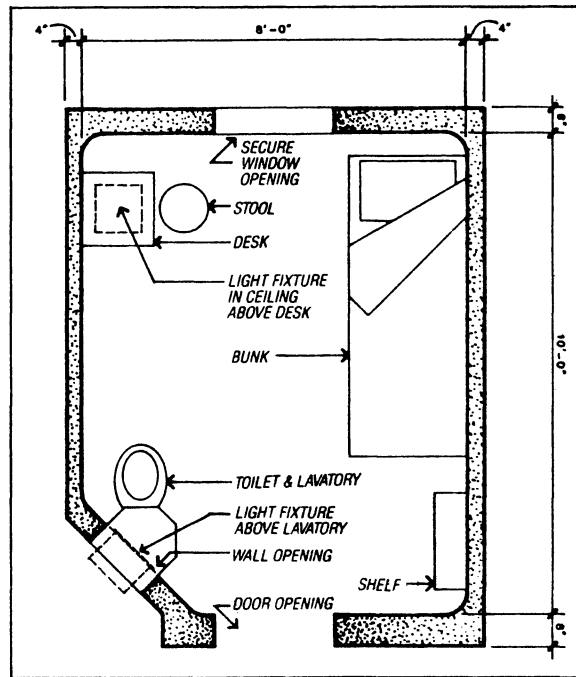


# Felician Forensic Facility (Addition)

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

**Contact:** Murry Henderson, Administrator, Felician 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><b>Groundbreaking:</b> April 1982  <b>Finish date:</b> May 1984  <b>Construction time:</b> 24 months</p>	<p><b>Design capacity:</b> 75  <b>Total cost:</b> \$3,647,164  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> Complex: State prison, courts, forensic hospital  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Extensive, precast cell units</p>
<p><b>Inmate cells</b></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><b>Current staff</b></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><b>Architect's reported analyses</b></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  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>

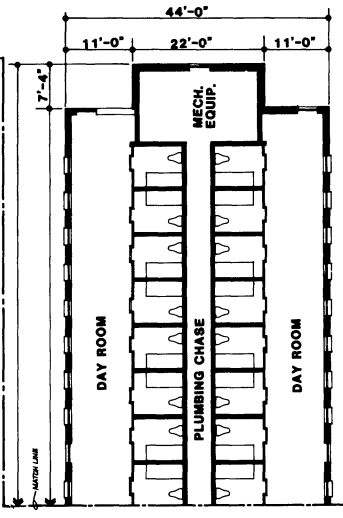
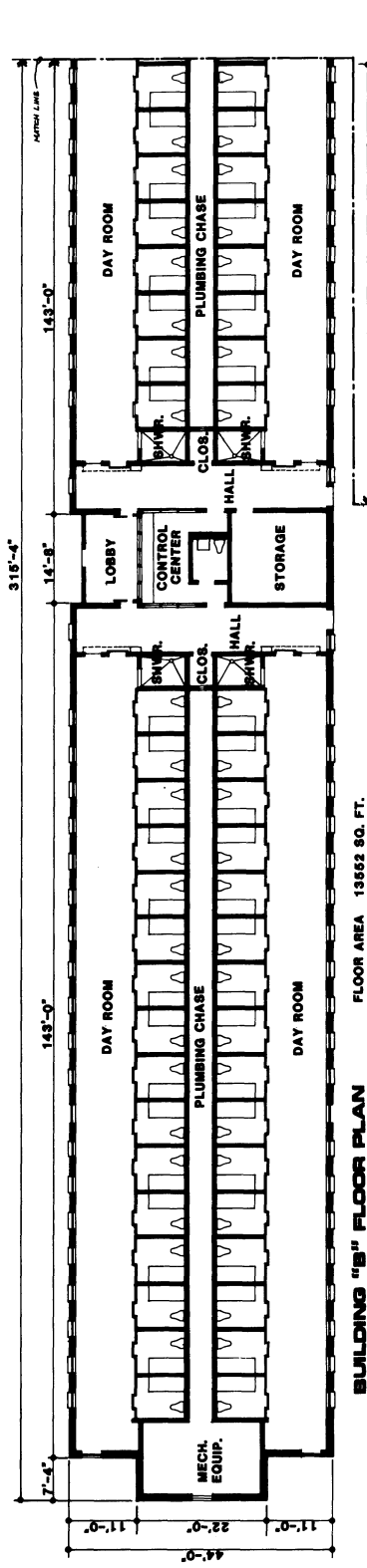


# Hunt Correctional Center (Addition)

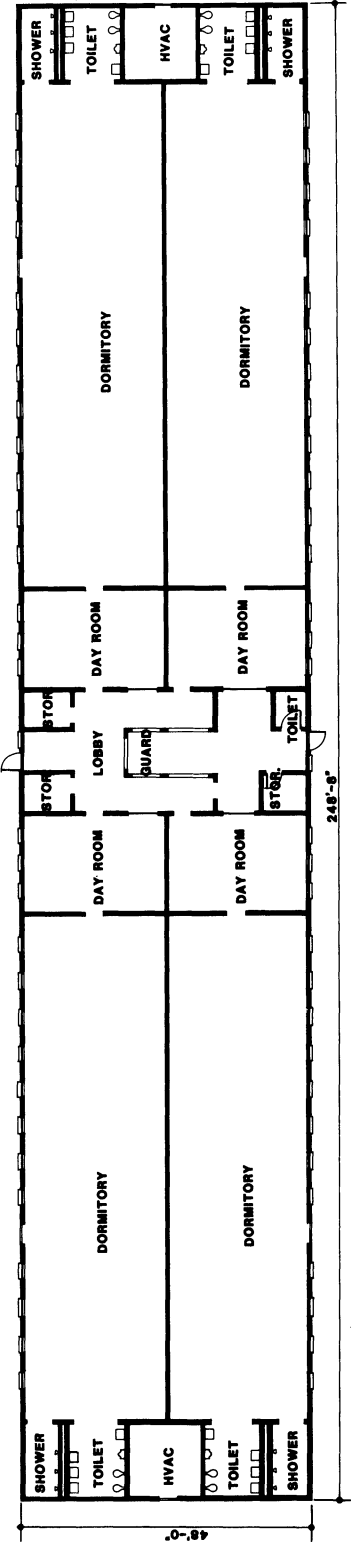
Jurisdiction official: C. Paul Phelps, Secretary, Department of Public Safety and Corrections

**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

<p><b>Groundbreaking:</b> September 1984  <b>Finish date:</b> November 1985  <b>Construction time:</b> 14 months</p>	<p><b>Design capacity:</b> 744  <b>Total cost:</b> \$6,571,257  <b>Total annual operating costs:</b> \$3,800,000 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Ladder, telephone pole; covered walkways to connect buildings</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></p> <p>Structural: Load bearing masonry  Exterior walls: CMU block; precast panel roof  Interior walls: CMU block  Exterior surface/facade: Paint</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 640  Dorms: 104  Special housing: 0  General population: 744  Total: 744</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



**BUILDING "A" FLOOR PLAN**  
SCALE: 1/8" = 1'-0"  
FLOOR AREA 11936 SQ. FT.



# Louisiana Correctional Institute for Women (Addition)

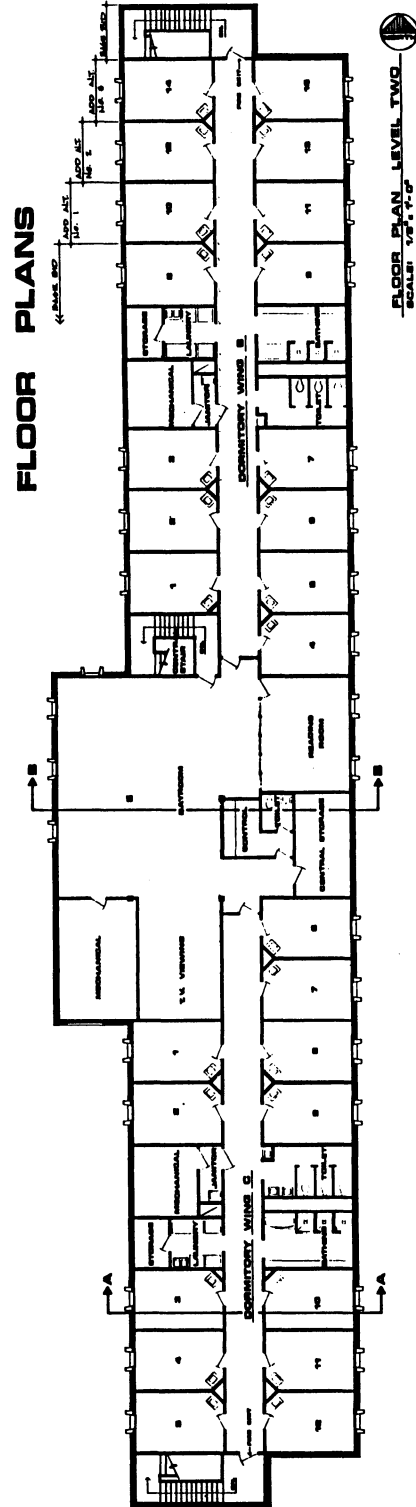
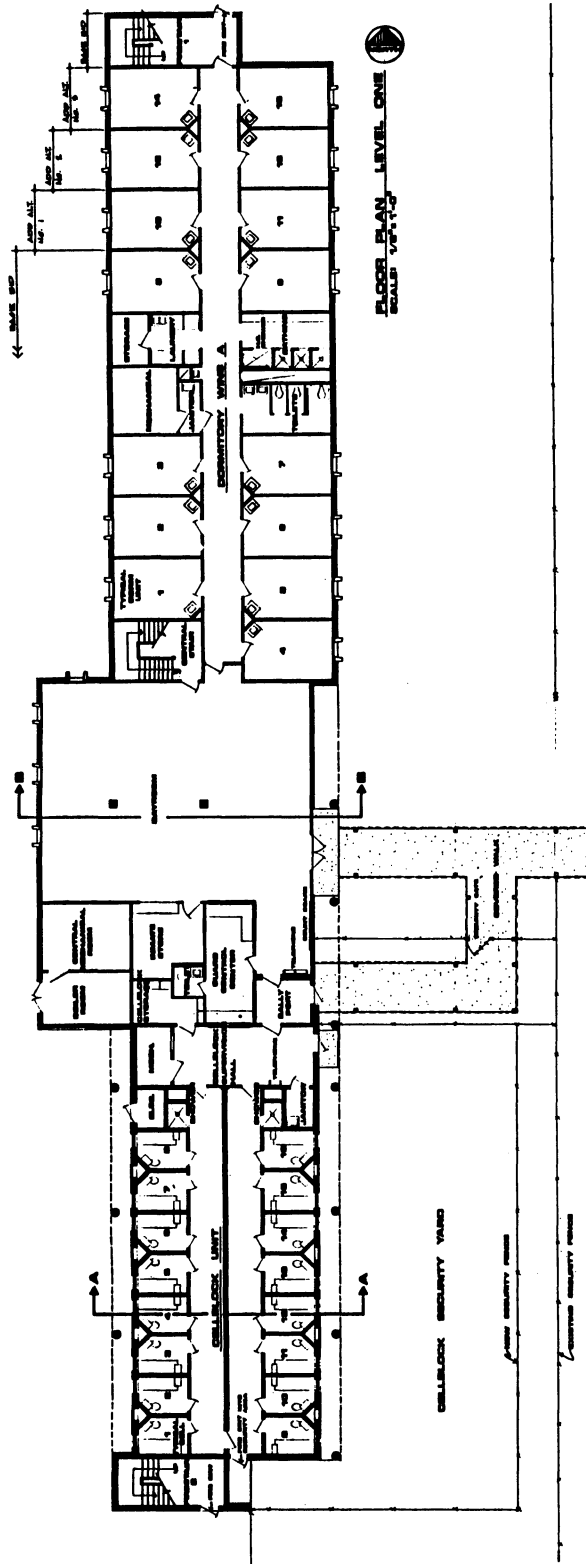
Jurisdiction official: C. Paul Phelps, Secretary, Department of Public Safety and Corrections

**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

<p><b>Groundbreaking:</b> November 1979  <b>Finish date:</b> December 1980  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 100  <b>Total cost:</b> \$1,373,421  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison (women's facility)  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; patrols; double "V" barbed wire top          Inmate security level:              Maximum: 16%              Medium: 0              Minimum: 84%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0          Double occupancy: 84          Dorms: 0          Special housing: 16          General population: 84          Total: 100</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></p> <p>Factors affecting construction costs:          Positive: Simple construction methods, repetitiveness of design          Negative: None          Factors affecting time schedule:          Positive: Simple construction methods, repetitiveness of design          Negative: None</p>



# 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><b>Groundbreaking:</b> December 1980  <b>Finish date:</b> July 1983  <b>Construction time:</b> 31 months</p>	<p><b>Design capacity:</b> 1,182  <b>Total cost:</b> \$27,316,900  <b>Total annual operating costs:</b> \$9,824,653</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on and between fences; towers  Inmate security level:  Maximum: 5%  Medium: 95%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 52  Double occupancy: 0  Dorms: 1,120  Special housing: 10  General population: 1,172  Total: 1,182</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

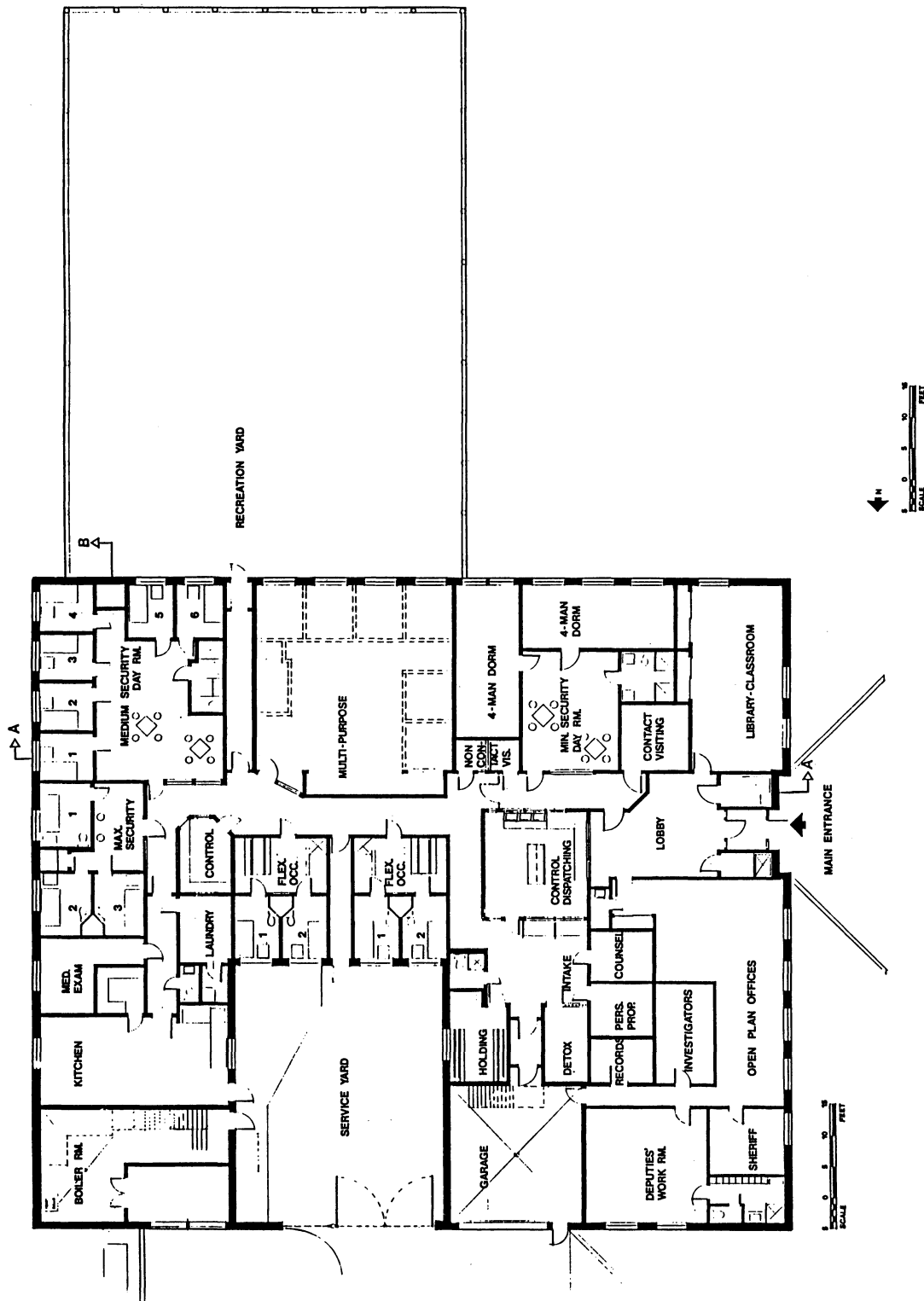
Jurisdiction official: Ronald A. Durrell, Sheriff

**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><b>Groundbreaking:</b> May 1982  <b>Finish date:</b> April 1983  <b>Construction time:</b> 11 months</p>	<p><b>Design capacity:</b> 24  <b>Total cost:</b> \$1,302,000  <b>Total annual operating costs:</b> \$417,188</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 13          Double occupancy: 0          Dorms: 8          Special housing: 3          General population: 21          Total: 24</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

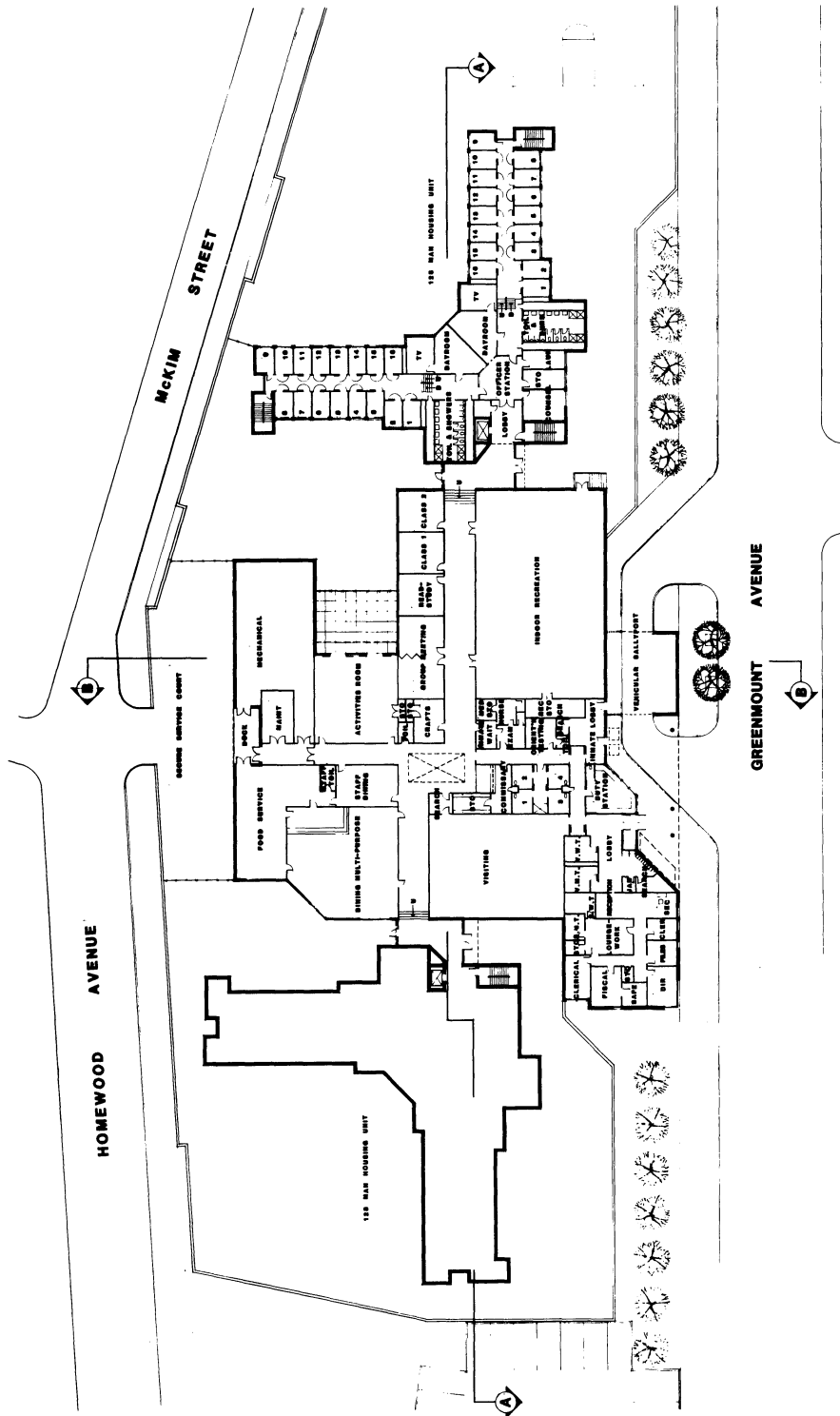
Jurisdiction official: Arnold J. Hopkins, Commissioner, Department of Public Safety and Correctional Services, Division of Correction


**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><b>Groundbreaking:</b> May 1982  <b>Finish date:</b> July 1984  <b>Construction time:</b> 26 months</p>	<p><b>Design capacity:</b> 384  <b>Total cost:</b> \$7,918,000  <b>Total annual operating costs:</b> \$3,758,432</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integrated structure; wheel</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; razor wire on fences  Inmate security level:  Maximum: 0  Medium: 0  Minimum: 100%</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><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Construction management fast track  Use of inmate labor: None  Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 128  Double occupancy: 256  Dorms: 0  Special housing: 0  General population: 384  Total: 384</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



**FIRST FLOOR PLAN**  
 0 10 20 30 40 50 60  


## Baltimore City Jail (Addition)

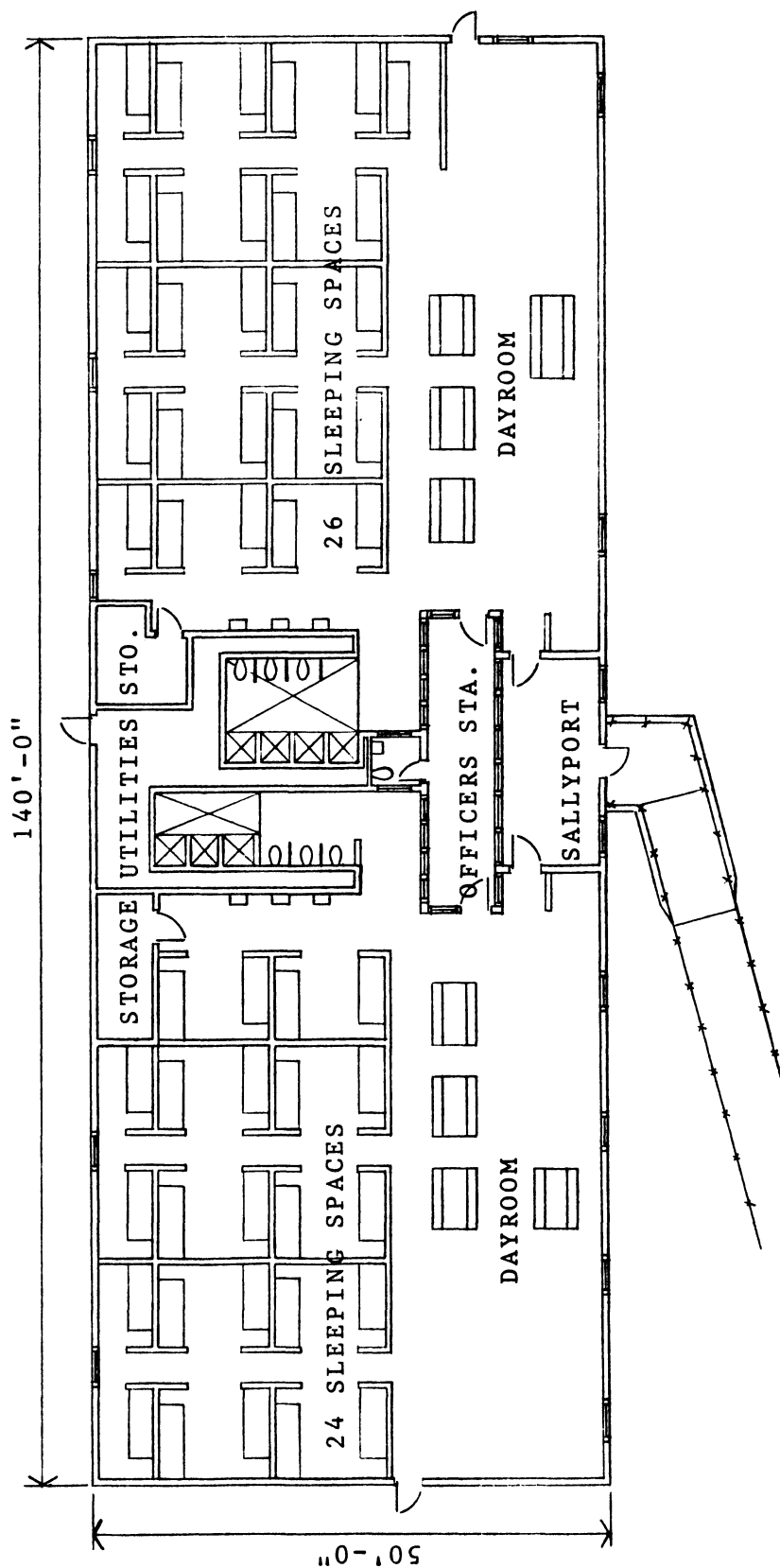
Jurisdiction official: Clarence "Du" Burns, Mayor

**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><b>Groundbreaking:</b> August 1984  <b>Finish date:</b> May 1985  <b>Construction time:</b> 9 months</p>	<p><b>Design capacity:</b> 50  <b>Total cost:</b> \$655,000  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> City jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; alarm/detection system; razor wire on fence  Inmate security level:  Maximum: 0  Medium: 10%  Minimum: 90%</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 50  Special housing: 0  General population: 50  Total: 50</p> <p><b>Current staff</b></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><b>Construction process</b></p> <p>Finance method: Federal funding  Contract method: Turn-key design and build  Use of inmate labor: None  Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Architect's reported analyses</b></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

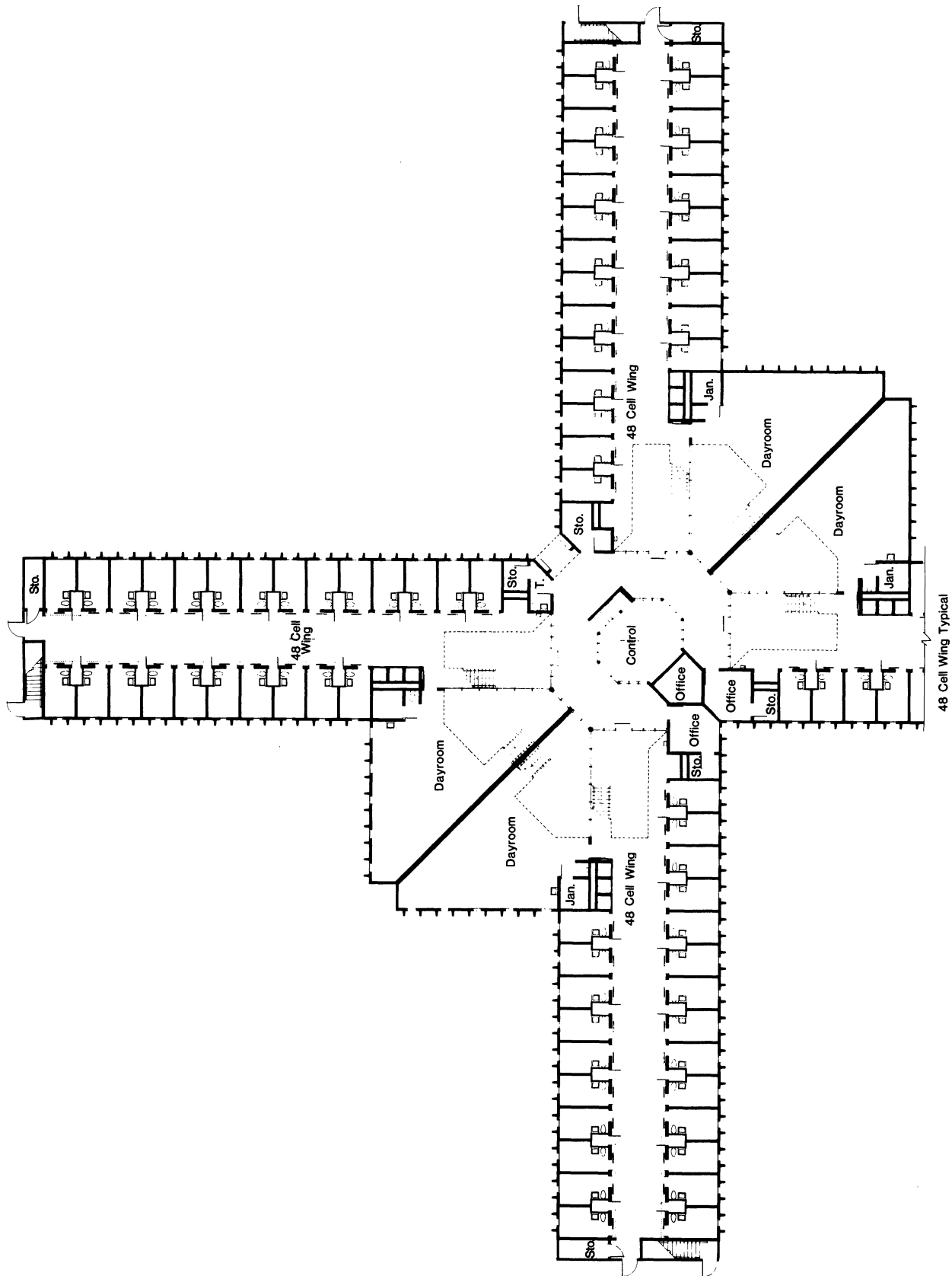
**Architects:** Dewberry & Davis, 8401 Arlington Boulevard, Fairfax, VA 22031, 703-849-0430

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

<p><b>Groundbreaking:</b> May 1984  <b>Finish date:</b> July 1987  <b>Construction time:</b> 38 months</p>	<p><b>Design capacity:</b> 1,440  <b>Total cost:</b> \$77,600,000  <b>Total annual operating costs:</b>                  \$20,850,146</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style; wheel, spoke or radial</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: State funds                  Contract method: Conventional                  Use of inmate labor: None                  Use of prefabrication: Moderate; precast concrete panels</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 1,152                  Double occupancy: 0                  Dorms: 0                  Special housing: 288                  General population: 1,152                  Total: 1,440</p> <p><b>Current staff</b></p> <p>Full-time equivalent:                  Administration: 170                  Security: 513                  Programs/treatment: 34                  Maintenance: 25                  Total: 742                  Current inmate/staff ratio: .63:1</p>	<p><b>Architects' reported analyses</b></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)

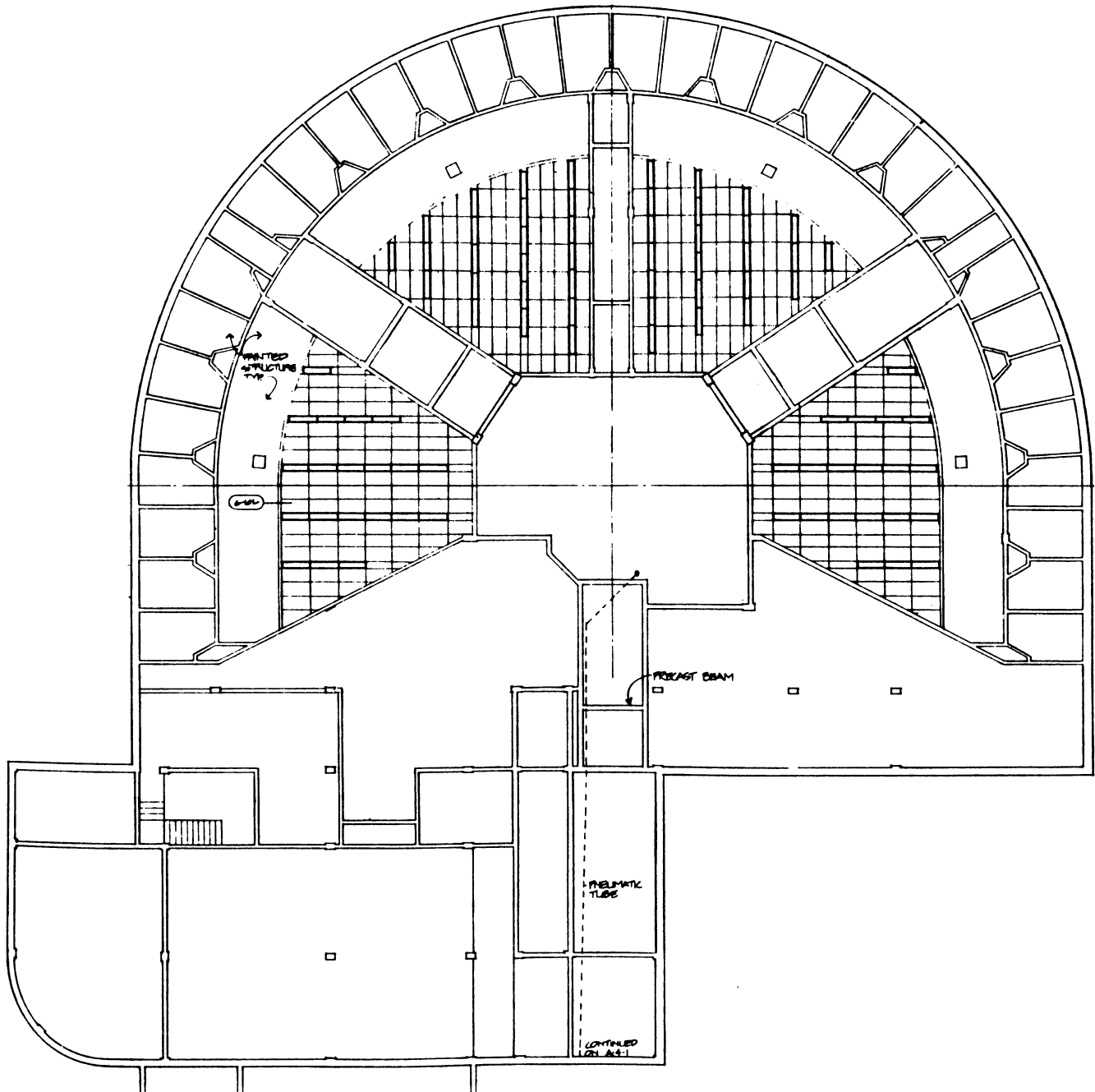
Jurisdiction official: Calvin Lightfoot, Director, Department of Correction and Rehabilitation

**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

<p><b>Groundbreaking:</b> February 1984  <b>Finish date:</b> September 1986  <b>Construction time:</b> 32 months</p>	<p><b>Design capacity:</b> 131  <b>Total cost:</b> \$6,200,000  <b>Total annual operating costs:</b> \$981,710 (expansion only)</p>	<p><b>Category:</b> Remodeling/renovation project; expansion project  <b>Facility type:</b> Complex: county jail, courts  <b>Building configuration:</b> Integ. structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; single fence  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Local funds; State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 131  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 131  Total: 131</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

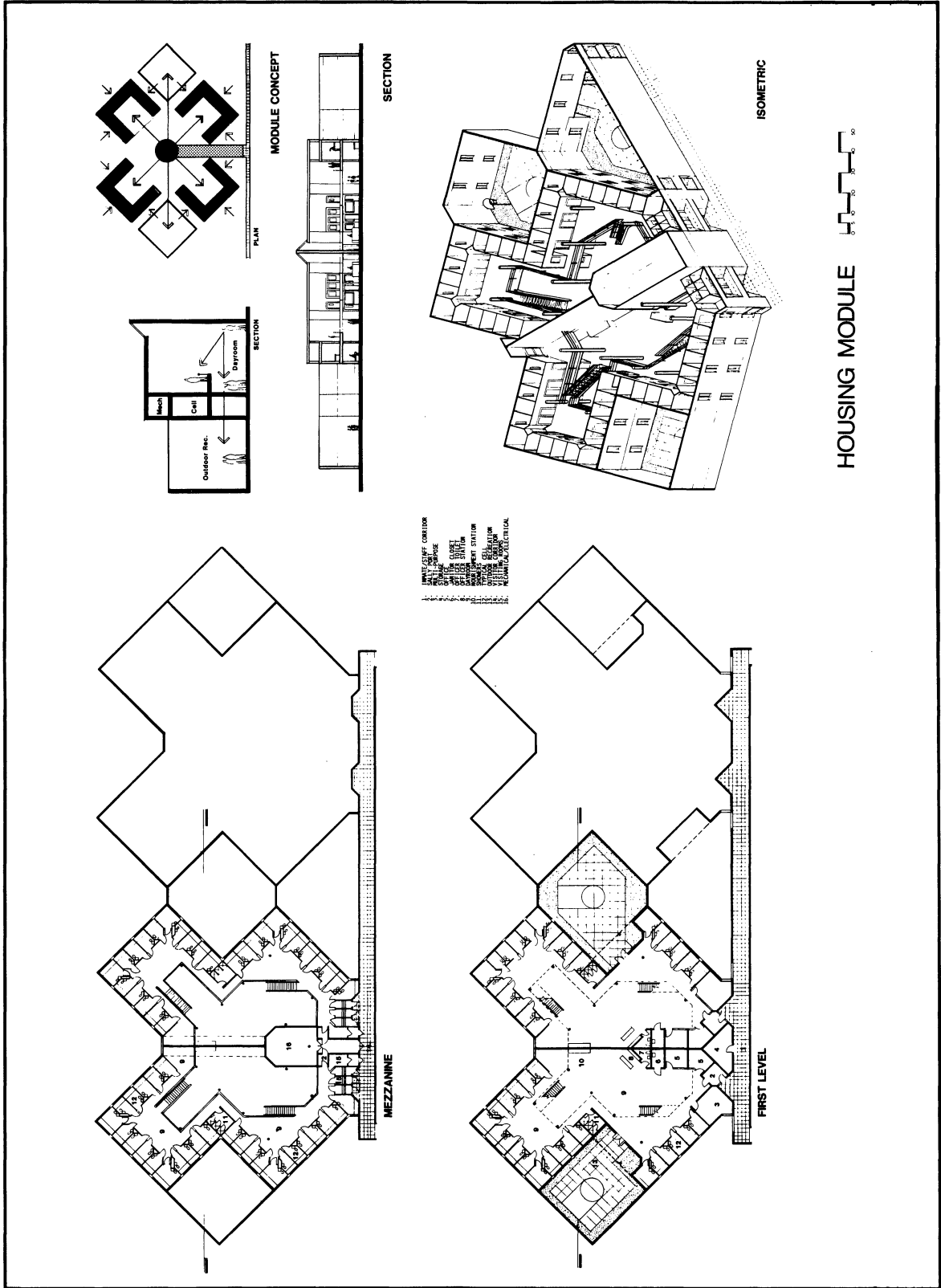
Jurisdiction official: Parris N. Glendening, County Executive

**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  
Greenhorne & 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

<p><b>Groundbreaking:</b> October 1985 <b>Finish date:</b> February 1987 <b>Construction time:</b> 16 months</p>	<p><b>Design capacity:</b> 596 <b>Total cost:</b> \$43,000,000 <b>Total annual operating costs:</b> \$11,679,000</p>	<p><b>Category:</b> New, independent facility <b>Facility type:</b> County jail <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 432 Double occupancy: 0 Dorms: 0 Special housing: 164 General population: 432 Total: 596</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: None</p> <p>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

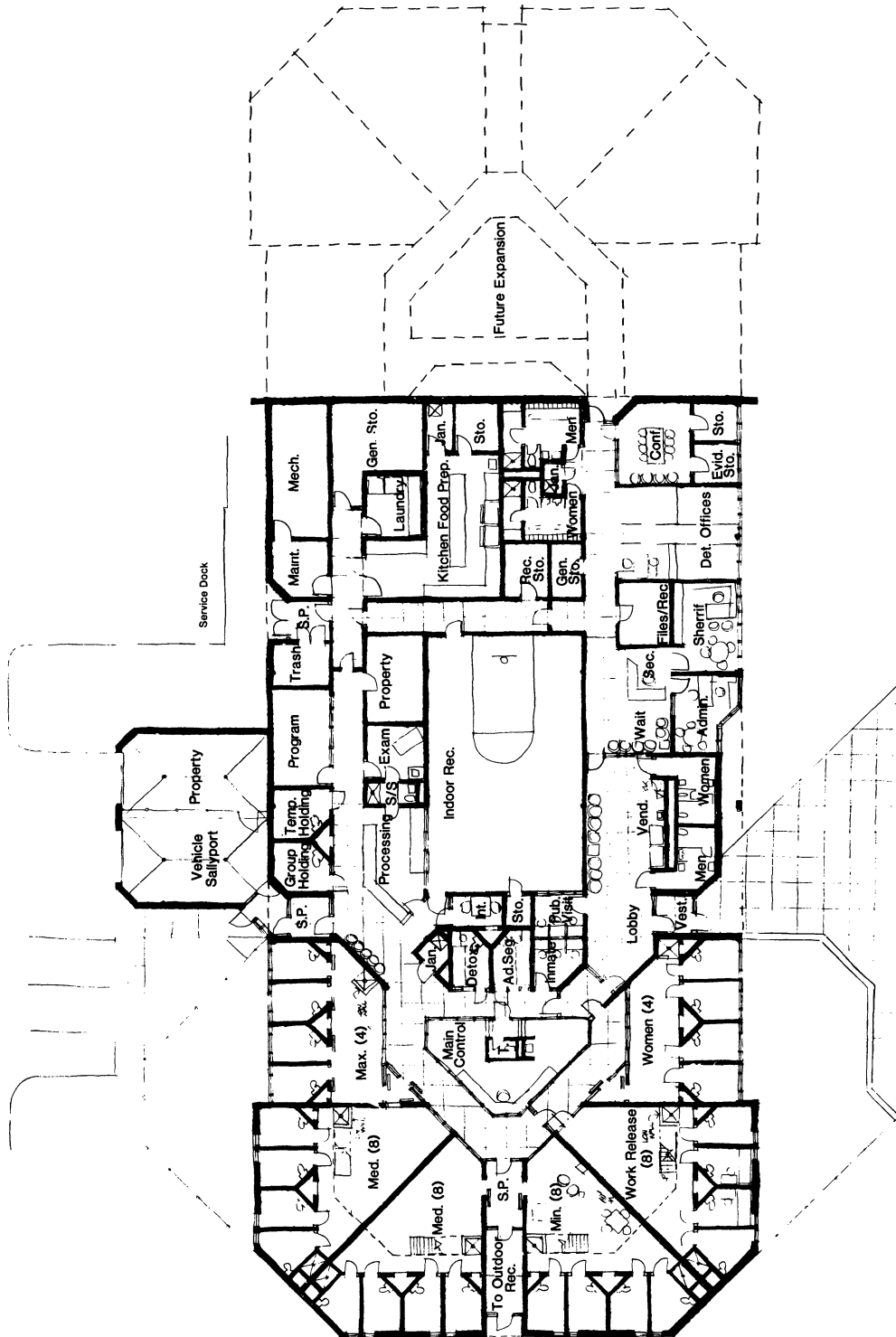
**Contact:** Warden Keith W. Roper, Somerset County Detention Center, Route 1, Box 425, Westover, MD 21871, 301-651-9223

**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

<p><b>Groundbreaking:</b> March 1985  <b>Finish date:</b> July 1987  <b>Construction time:</b> 28 months</p>	<p><b>Design capacity:</b> 51  <b>Total cost:</b> \$2,810,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 8%  Medium: 39%  Minimum: 31%  Other: 22%</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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></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><b>Inmate cells</b></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>Single occupancy: 50  Double occupancy: 0  Dorms: 0  Special housing: 1  General population: 50  Total: 51</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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 Mades, Sheriff

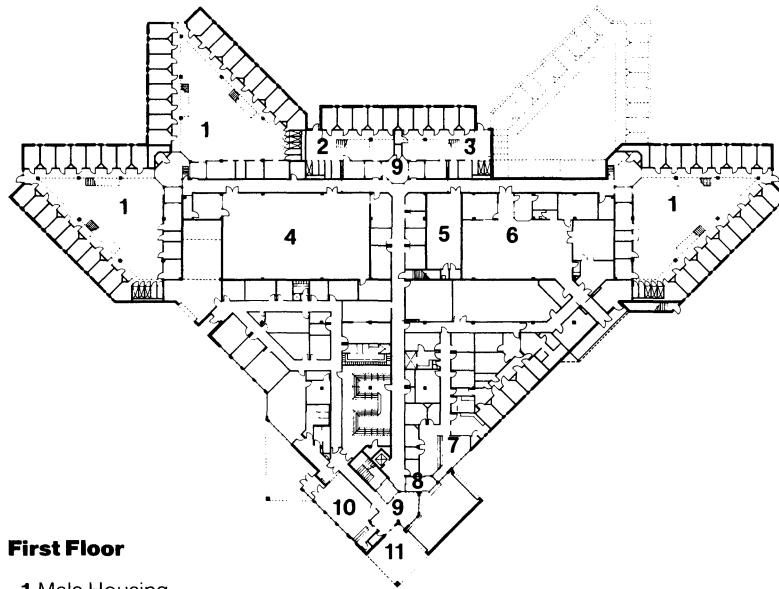
**Contact:** Lieutenant Wayne McAllister, Warden, Washington County Detention Center, 500 Western Maryland Parkway, Hagerstown, MD 21740, 301-791-3300

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

**Construction manager:** None

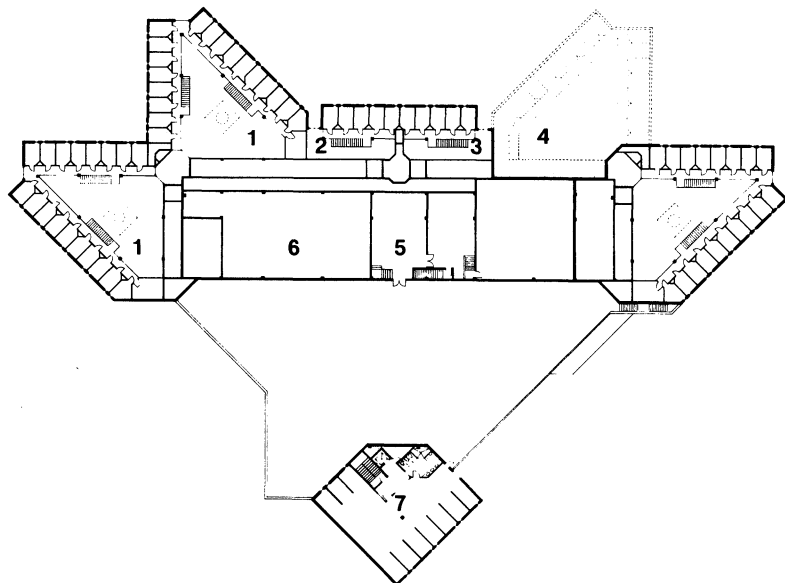
<p><b>Groundbreaking:</b> August 1982  <b>Finish date:</b> February 1984  <b>Construction time:</b> 18 months</p>	<p><b>Design capacity:</b> 152  <b>Total cost:</b> \$5,869,700  <b>Total annual operating costs:</b> \$1,088,334</p>	<p><b>Category:</b> New independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p> <p>Structural: Unknown  Exterior walls: CMU block; brick  Interior walls: Cast-in-place concrete; CMU block  Exterior surface/facade: Unknown</p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on fence  Inmate security level:  Maximum: 80%  Medium: 0  Minimum: 20%</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 128  Double occupancy: 0  Dorms: 20  Special housing: 4  General population: 148  Total: 152</p> <p><b>Current staff</b></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><b>Construction process</b></p> <p>Finance method: Local funds; State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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>		<p><b>Architect's reported analyses</b></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>





**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

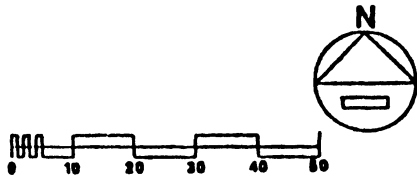
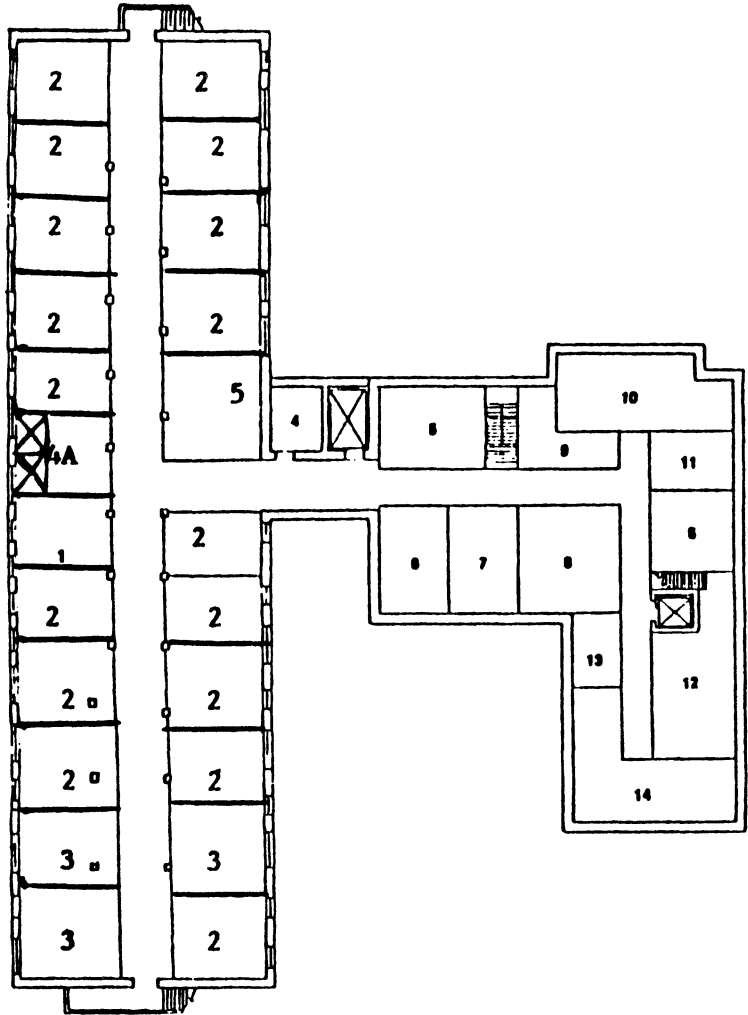
**State architect:** Facilities Planning and Maintenance, Department of Correction, 100 Cambridge Street, Boston, MA 02202, 617-727-3300

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

<p><b>Groundbreaking:</b> N/A (remodel)  <b>Finish date:</b> August 1984  <b>Construction time:</b> Unknown</p>	<p><b>Design capacity:</b> 125  <b>Total cost:</b> \$1,250,000 (incl. building purchase)  <b>Total annual operating costs:</b> \$2,344,538</p>	<p><b>Category:</b> Building purchase; remodeling/renovation project  <b>Facility type:</b> Treatment facility for alcoholic offenders  <b>Building configuration:</b> Two connected buildings</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; building exit alarm  Inmate security level:  Maximum: 0  Medium: 0  Minimum: 100%</p>	<p><b>Construction type</b></p> <p>Structural: Wood and concrete floors; steel frame  Exterior walls: Brick  Interior walls: Masonry and plaster  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 1  Double occupancy: 34  Dorms: 90  Special housing: 0  General population: 125  Total: 125</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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
security	.....	4
OFFICE	.....	5
LOUNGE	.....	6
CLEAN UTILITY	.....	7
CONFERENCE	.....	8
STORAGE	.....	9
administration	.....	10
LIBRARY	.....	11
toilet	.....	12
staff	.....	13
showers	.....	14
	.....	4A



# Massachusetts Correctional Institution Norfolk (Visitors' Center Addition)

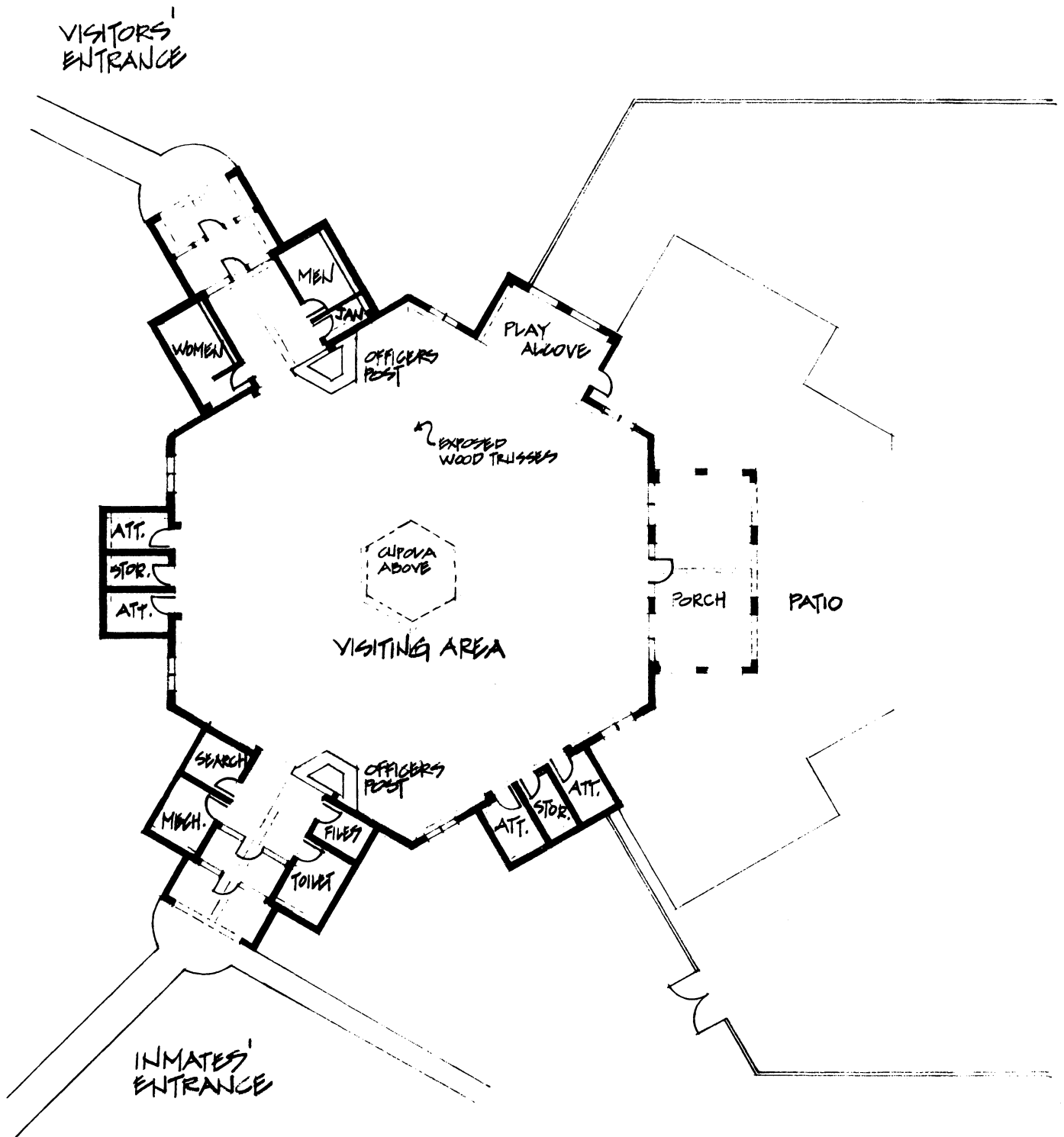
Jurisdiction official: Michael V. Fair, Commissioner, Department of Correction

**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

<p><b>Groundbreaking:</b> October 1984  <b>Finish date:</b> May 1986  <b>Construction time:</b> 19 months</p>	<p><b>Design capacity:</b> N/A  <b>Total cost:</b> \$898,000  <b>Total annual operating costs:</b> \$109,000 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison visitors' center  <b>Building configuration:</b> Integrated structure; wheel, spoke or radial</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; towers; wall  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Laminated wood columns, beams, and trusses  Exterior walls: Brick  Interior walls: CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells (rooms)</b></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><b>Inmate design capacity</b></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><b>Current staff</b></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><b>Architect's reported analyses</b></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

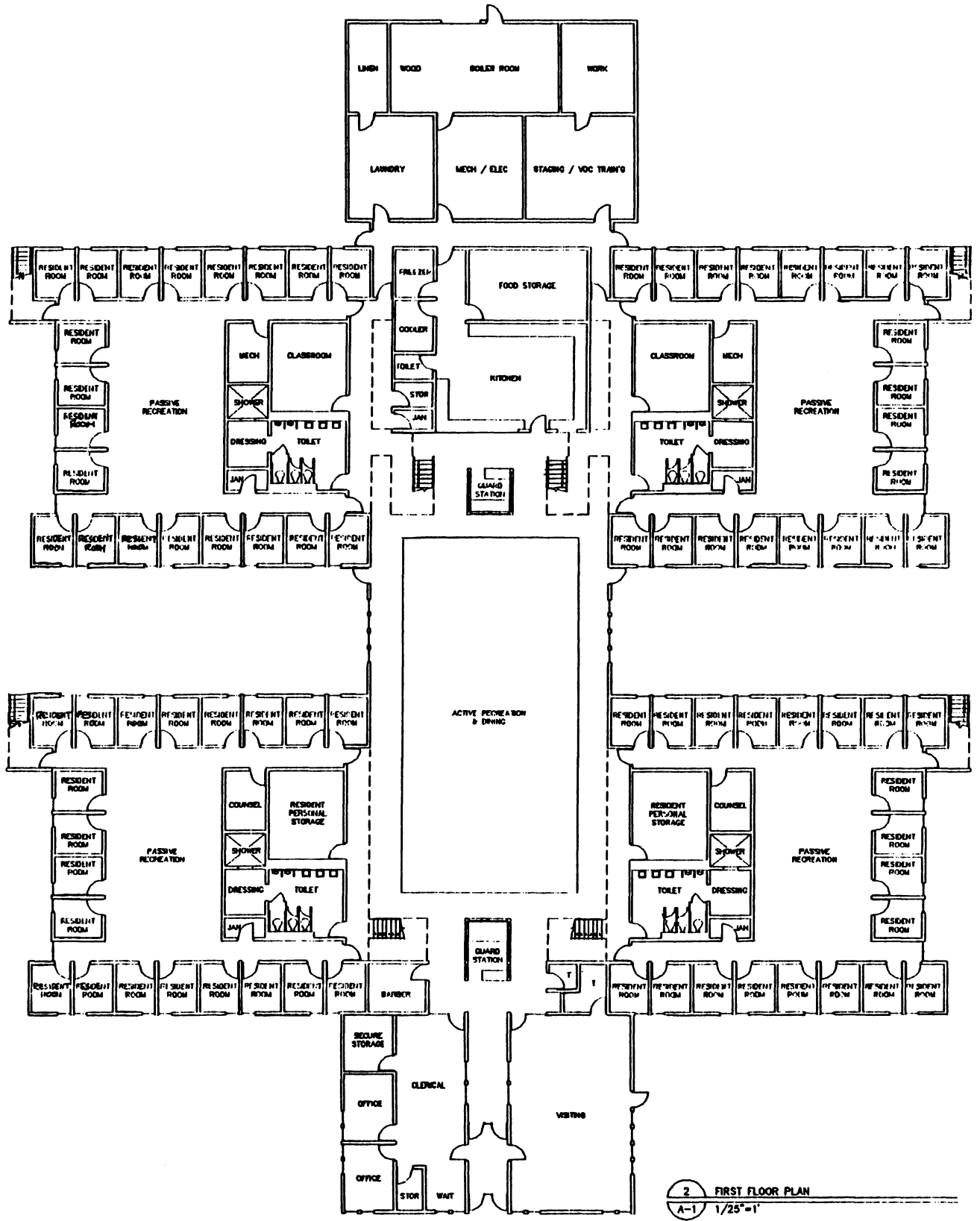
Jurisdiction official: Robert Brown, Jr., Director, Department of Corrections

**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

<p><b>Groundbreaking:</b> April 1986  <b>Finish date:</b> December 1986  <b>Construction time:</b> 8 months</p>	<p><b>Design capacity:</b> 160  <b>Total cost:</b> \$3,800,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility; phased project (future)  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence          Inmate security level:            Maximum: 0            Medium: 0            Minimum: 100%</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 160          Double occupancy: 0          Dorms: 0          Special housing: 0          General population: 160          Total: 160</p> <p><b>Current staff</b></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><b>Construction process</b></p> <p>Finance method: State funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: Limited; precast structure</p>
<p><b>Inmate cells</b></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><b>Architect's reported analyses</b></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

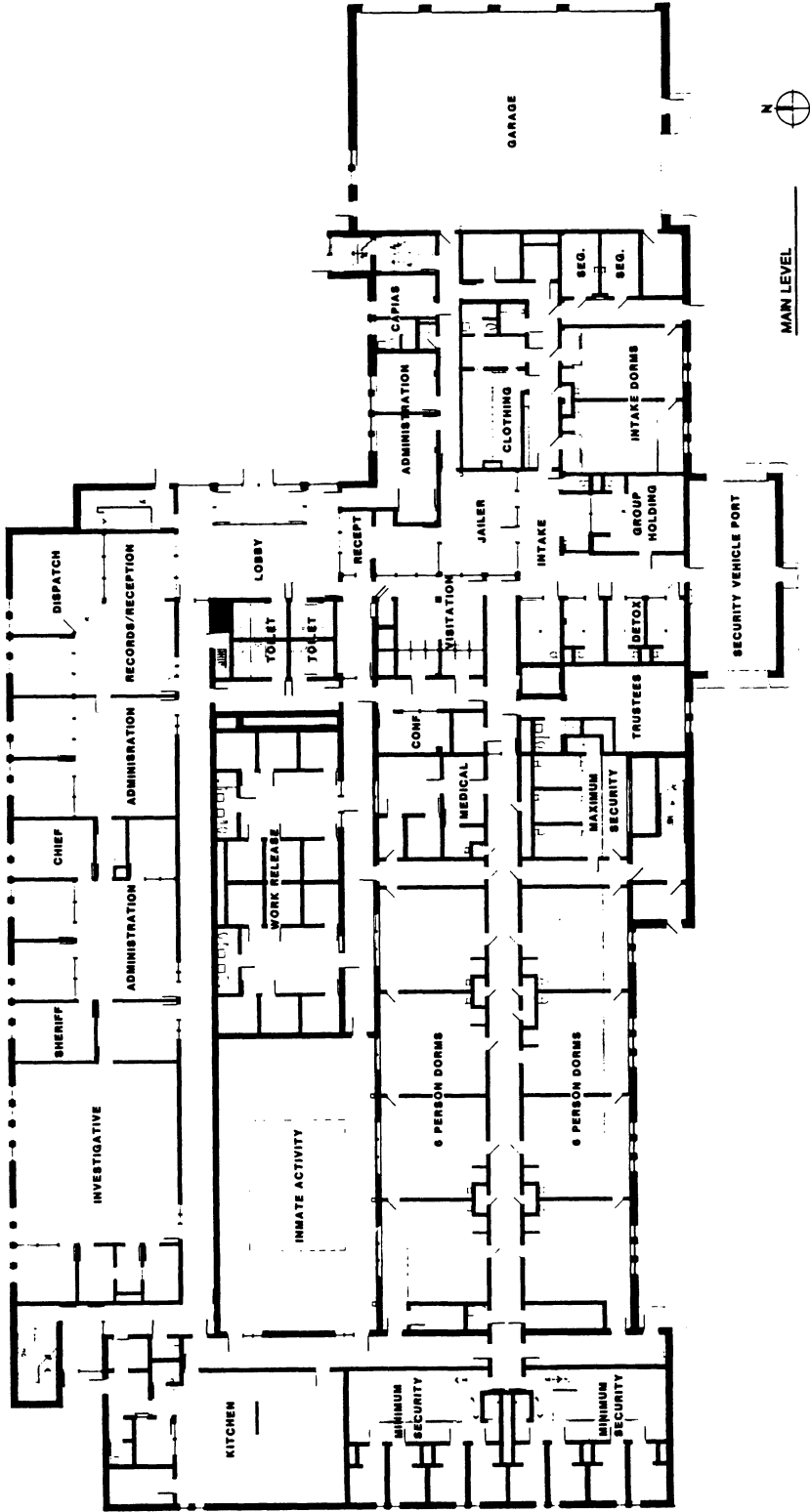
**Contact:** Joseph D. Smith, Corrections Administrator, Grand Traverse County Correctional Facility, 320 Washington Street, Traverse City, MI 49684, 616-922-4500

**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><b>Groundbreaking:</b> January 1985 <b>Finish date:</b> May 1986 <b>Construction time:</b> 16 months</p>	<p><b>Design capacity:</b> 126 <b>Total cost:</b> \$3,199,852 <b>Total annual operating costs:</b> \$1,009,680</p>	<p><b>Category:</b> Remodeling/renovation project; expansion <b>Facility type:</b> Complex: county and city jails, law enforcement <b>Building configuration:</b> Ladder, telephone pole</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence Inmate security level: Maximum: 4% Medium: 80% Minimum: 16%</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 5 Double occupancy: 32 Dorms: 68 Special housing: 21 General population: 105 Total: 126</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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

<p><b>Groundbreaking:</b> October 1984  <b>Finish date:</b> June 1987  <b>Construction time:</b> 32 months</p>	<p><b>Design capacity:</b> 463  <b>Total cost:</b> \$27,000,000  <b>Total annual operating costs:</b> N/A (expansion)</p>	<p><b>Category:</b> Remodeling/renovation project; expansion project  <b>Facility type:</b> County jail  <b>Building configuration:</b> High rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Video camera surveillance          Inmate security level:              Maximum: 25%              Medium: 50%              Minimum: 25%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Local funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 324          Double occupancy: 0          Dorms: 104          Special housing: 35          General population: 428          Total: 463</p> <p><b>Current staff</b></p> <p>Full-time equivalent:              Administration: Unknown              Security: Unknown              Programs/treatment: Unknown              Maintenance: Unknown              Total: Unknown          Current inmate/staff ratio: Unknown</p>	<p><b>Architect's reported analyses</b></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)

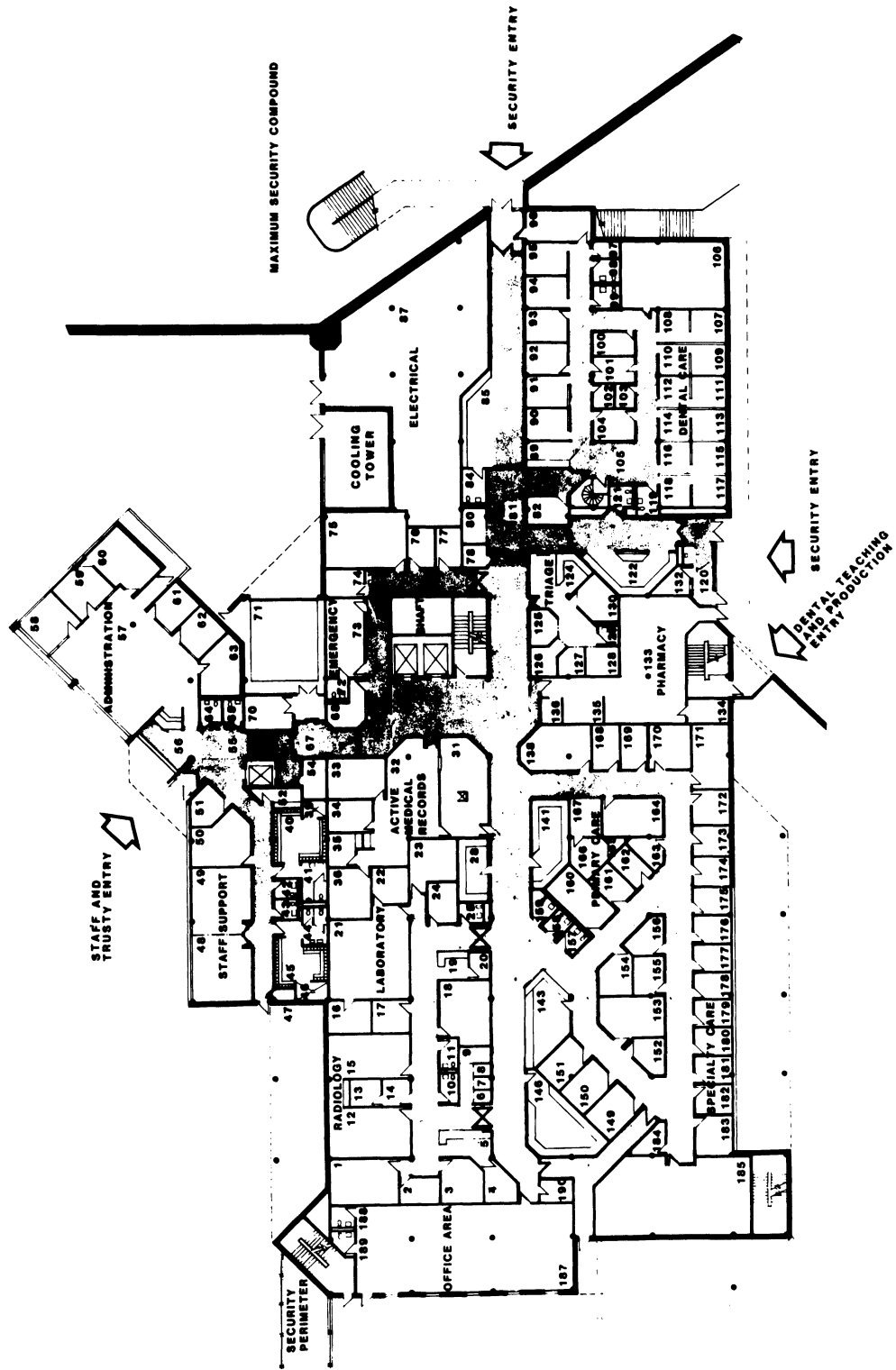
Jurisdiction official: Robert Brown, Jr., Director, Department of Corrections

**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

<p><b>Groundbreaking:</b> December 1983  <b>Finish date:</b> February 1986  <b>Construction time:</b> 26 months</p>	<p><b>Design capacity:</b> 94  <b>Total cost:</b> \$9,717,255  <b>Total annual operating costs:</b> \$12,000,000 (hospital)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison hospital  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p> <p>Structural: Cast-in-place concrete frame  Exterior walls: Brick  Interior walls: CMU block; plaster on lath  Exterior surface/facade: Brick</p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 0  Special housing: 94  General population: 0  Total: 94</p> <p><b>Current staff</b></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><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Limited; brick soffit panels</p>
<p><b>Inmate cells</b></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><b>Architect's reported analyses</b></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

<p><b>Groundbreaking:</b> June 1982  <b>Finish date:</b> June 1984  <b>Construction time:</b> 24 months</p>	<p><b>Design capacity:</b> 87  <b>Total cost:</b> \$13,000,000  <b>Total annual operating costs:</b> \$3,001,716</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County juvenile detention facility  <b>Building configuration:</b> Integrated structure; courtyard</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; video camera surveillance  Inmate security level:  Maximum: 5%  Medium: 95%  Minimum: 0</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 87  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 87  Total: 87</p> <p><b>Current staff</b></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><b>Construction process</b></p> <p>Finance method: Local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Architect's reported analyses</b></p> <p>Factors affecting construction costs:  Positive: Healthy bidding climate  Negative: None  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

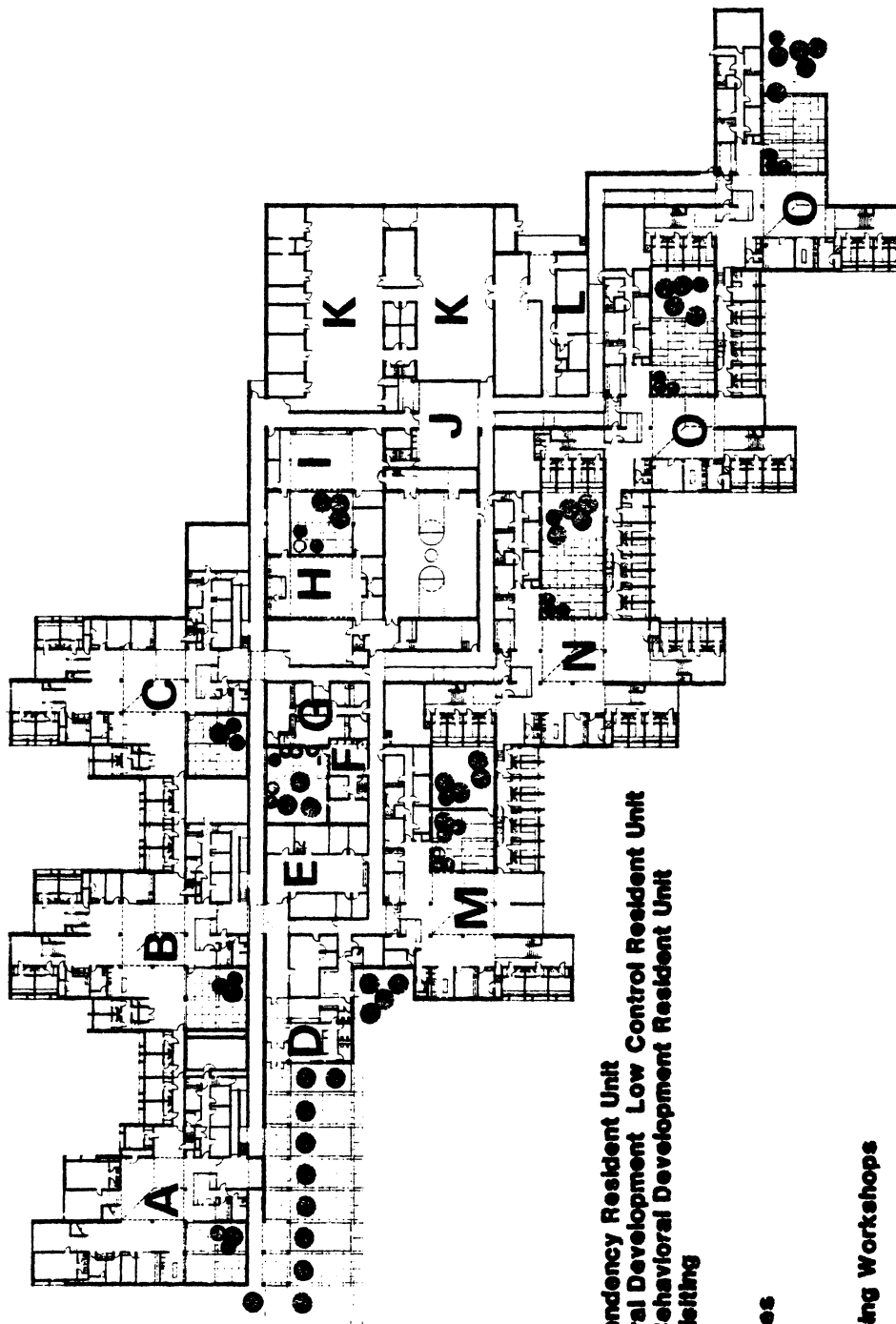
**Contact:** William Pederson, Chief Executive Officer, Minnesota Supervised Living Facility, 100 Freeman Drive, St. Peter, MN 56082, 507-931-7100

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

**Construction manager:** None

<p><b>Groundbreaking:</b> October 1979  <b>Finish date:</b> June 1981  <b>Construction time:</b> 21 months</p>	<p><b>Design capacity:</b> 164  <b>Total cost:</b> \$8,389,800  <b>Total annual operating costs:</b>  N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison for criminally insane  <b>Building configuration:</b> Integrated structure with courtyard</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 86  Double occupancy: 62  Dorms: 0  Other: 16  Special housing: 0  General population: 164  Total: 164</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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
- L. 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

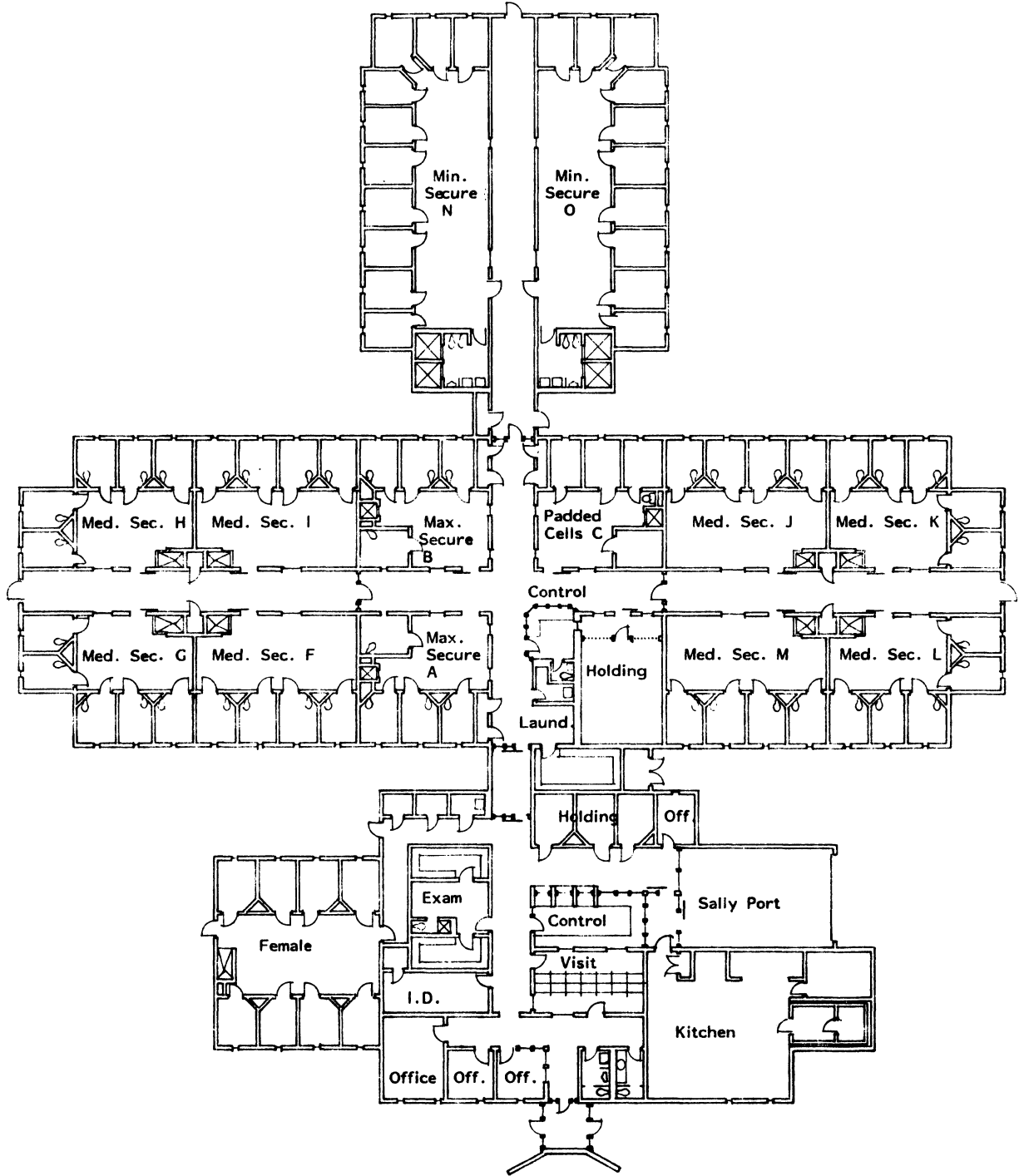
Jurisdiction official: D.B. Pope, Sheriff

**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><b>Groundbreaking:</b> January 1978  <b>Finish date:</b> May 1979  <b>Construction time:</b> 16 months</p>	<p><b>Design capacity:</b> 99  <b>Total cost:</b> \$1,362,291  <b>Total annual operating costs:</b>          \$1,028,776</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></p> <p>Design: Module/pod          Cells per unit: 18          Inmates per unit: 18  <b>Management type:</b> Intermittent surv.          October 1985 population: 105  <b>Facility commitment:</b> Local jail inmates and State prisoners  <b>Means to handle crowding:</b> Mattresses on floor; second bunk permanently attached to wall</p>
<p><b>Security</b></p> <p>Perimeter: Single fence; razor wire on fence  <b>Inmate security level:</b>          Maximum: 8%          Medium: 68%          Minimum: 20% (+ 4% safety cells)</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Federal and local funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 79          Double occupancy: 0          Dorms: 0          Special housing: 20          General population: 79          Total: 99</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

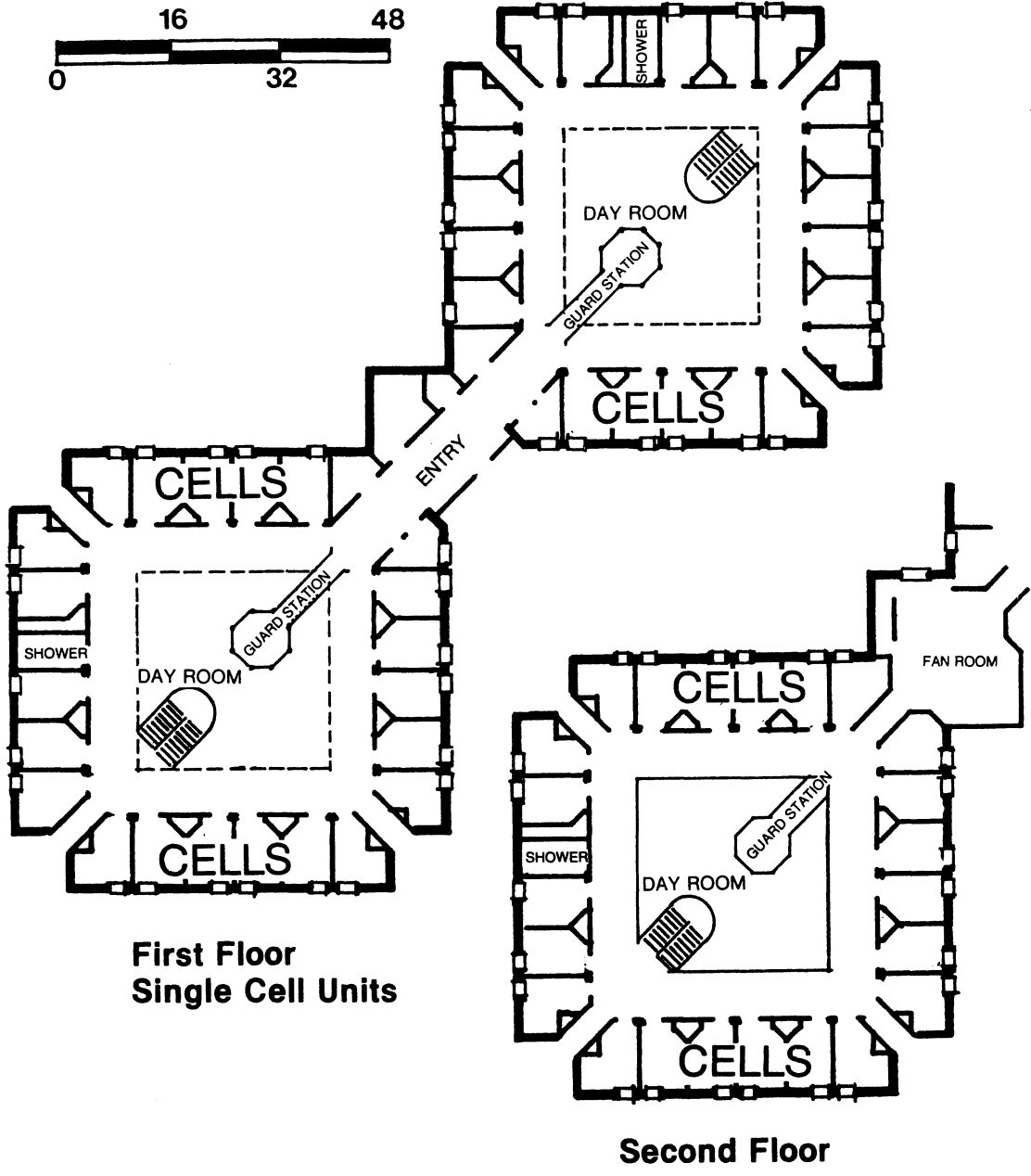
Jurisdiction official: Gene A. Scroggy, Commissioner, Department of Corrections

**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

<p><b>Groundbreaking:</b> June 1979  <b>Finish date:</b> September 1981  <b>Construction time:</b> 28 months</p>	<p><b>Design capacity:</b> 1,576  <b>Total cost:</b> \$18,706,145  <b>Total annual operating costs:</b>          \$6,200,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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>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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></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><b>Inmate cells</b></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>Single occupancy: 176          Double occupancy: 0          Dorms: 1,400          Special housing: 0          General population: 1,576          Total: 1,576</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

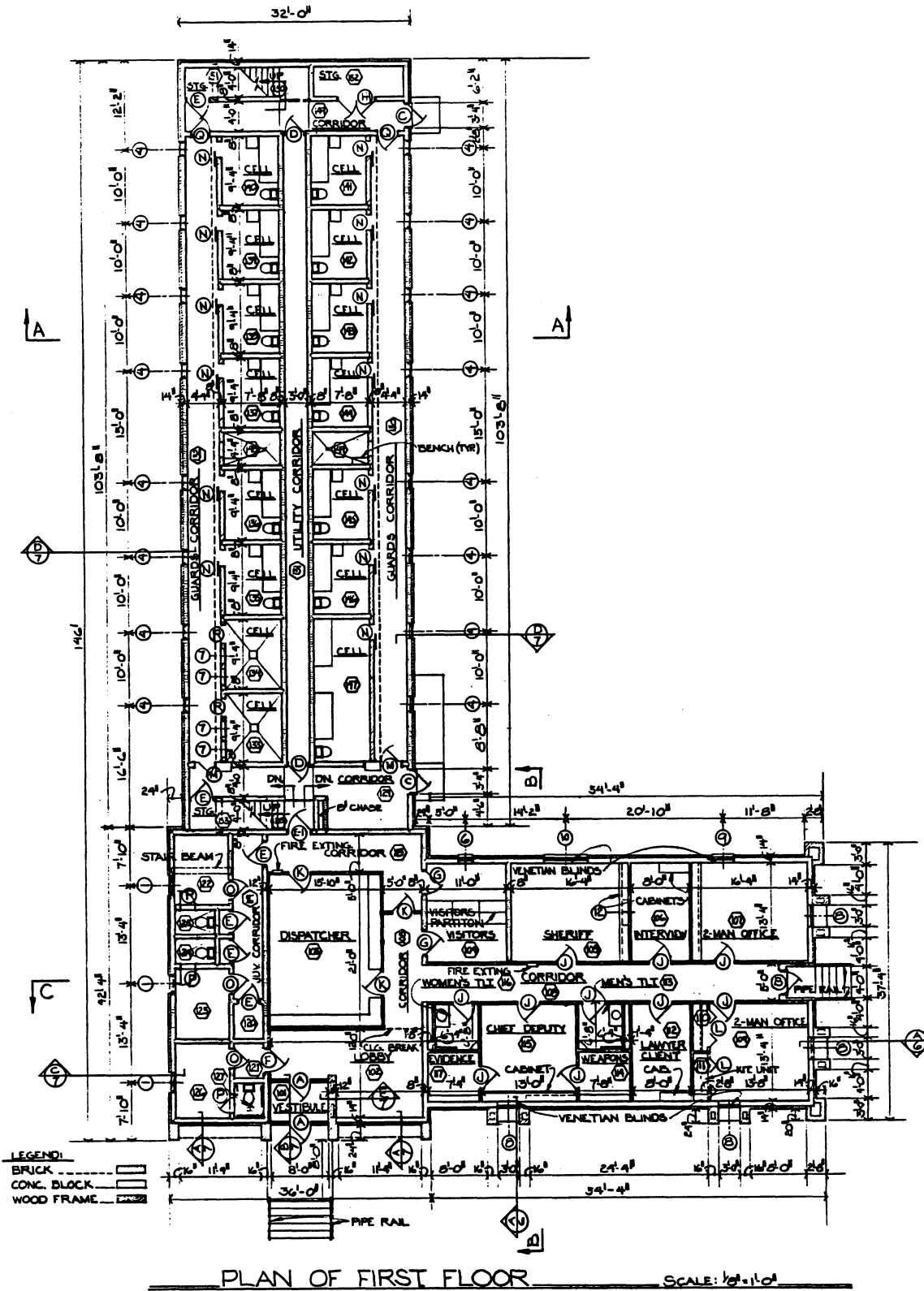
Jurisdiction official: Hugh M. Monteith, Jr., Sheriff

**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

<p><b>Groundbreaking:</b> October 1978  <b>Finish date:</b> August 1980  <b>Construction time:</b> 22 months</p>	<p><b>Design capacity:</b> 33  <b>Total cost:</b> \$816,893  <b>Total annual operating costs:</b> \$115,500</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; single fence; patrols          Inmate security level:            Maximum: 5%            Medium 95%            Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 28          Double occupancy: 2          Dorms: 0          Special housing: 3          General population: 30          Total: 33</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

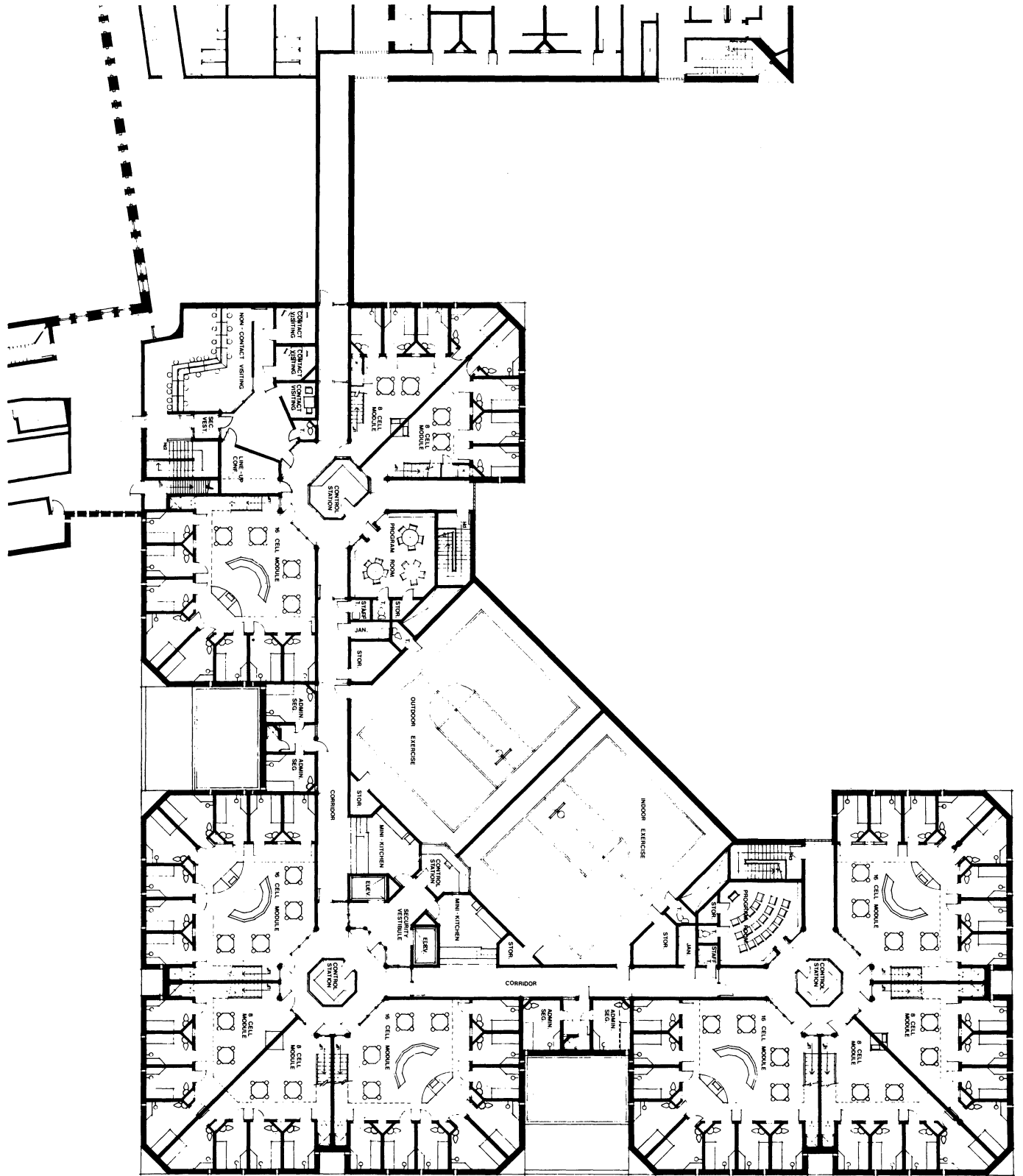
**Contact:** Captain Mary Richardson, Jail Administrator, Clay County Detention Center, 14 South Water Street, Liberty, MO 64068, 816-792-7625

**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

<p><b>Groundbreaking:</b> December 1982  <b>Finish date:</b> February 1985  <b>Construction time:</b> 26 months</p>	<p><b>Design capacity:</b> 161  <b>Total cost:</b> \$6,230,000  <b>Total annual operating costs:</b> \$1,464,949</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail (as part of Justice Complex)  <b>Building configuration:</b> Clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 15% (design: 100%)  Medium: 20%  Minimum: 65%</p>	<p><b>Construction type</b></p> <p>Structural: Masonry  Exterior walls: Masonry  Interior walls: Masonry  Exterior surface/facade: Masonry</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 100  Double occupancy: 32  Dorms: 0  Other: 20  Special housing: 9  General population: 152  Total: 161</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>





# Farmington Correctional Center (Addition/Remodel)

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

**Contact:** Superintendent Denis Dowd, Farmington Correctional Center, 1012 West Columbia, Farmington, MO 63640, 314-756-8001  
**Architect:** Jones Mayer Architecture, Inc., 2190 South Mason Road, St. Louis, MO 63131, 314-965-3400  
**Construction manager:** Hercules Construction Company, 8820 Delmar, St. Louis, MO 63124, 314-991-3730

<p><b>Groundbreaking:</b> April 1985  <b>Finish date:</b> January 1987  <b>Construction time:</b> 21 months</p>	<p><b>Design capacity:</b> 1,100  <b>Total cost:</b> \$37,000,000  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building; remodeling/renovation project  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></p> <p>Total: \$37,000,000  Building only: Unknown  Housing area: \$16,368,524  Housing per inmate: \$18,707  Housing per cell: \$18,707  Total per inmate: N/A (remodel)  Total per GSF: \$78.44  Total annual operating costs: N/A (addition)</p>	<p><b>Dimensions</b></p> <p>Gross square feet/corrections: 471,720  Gross square feet/other: 0  Gross square feet/total: 471,720  Housing area square feet: 203,976  Gross square feet per inmate: 429  Size of cells: 82 square feet (single)  Net/gross square feet: Unknown</p>	<p><b>Inmate housing areas</b></p> <p>Design: Module/pod  Cells per unit: 100  Inmates per unit: 100  Management type: Remote surveillance  October 1987 population: 1,464  Facility commitment: State prisoners  Means to handle crowding: Second bunk permanently attached to wall</p>
<p><b>Security</b></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><b>Construction type</b></p> <p>Structural: Load-bearing masonry  Exterior walls: CMU block; brick  Interior walls: Precast panels; cast-in-place concrete; CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Construction management fast track  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></p> <p>Doors/material: Steel  Doors/type: Swinging  Doors/locking: Remote locking  Floor surface: Sealed concrete  Intercom: One-way to cells and common areas  HVAC: Heating/air circulation; steam heat  Plumbing: China  Furniture: Steel  Fire protection: Smoke detectors for cells; sprinklers for common areas</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 875  Double occupancy: 0  Dorms: 0  Special housing: 225  General population: 875  Total: 1,100</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: 17  Security: 334  Programs/treatment: 24  Maintenance: 37  Total: 412  Current inmate/staff ratio: 3.55:1</p>	<p><b>Architect's reported analyses</b></p> <p>Factors affecting construction costs:  Positive: Simple construction methods; phased construction, fast track CM; good competition, favorable market  Negative: Difficult site conditions; government procedures, regulations and red tape</p> <p>Factors affecting time schedule:  Positive: Repetitiveness of design; phased construction, fast track CM  Negative: Weather problems; government procedures, regulations, and red tape</p>

(No floorplan available at time of publication)

# Fulton Reception and Diagnostic Center, Phase I

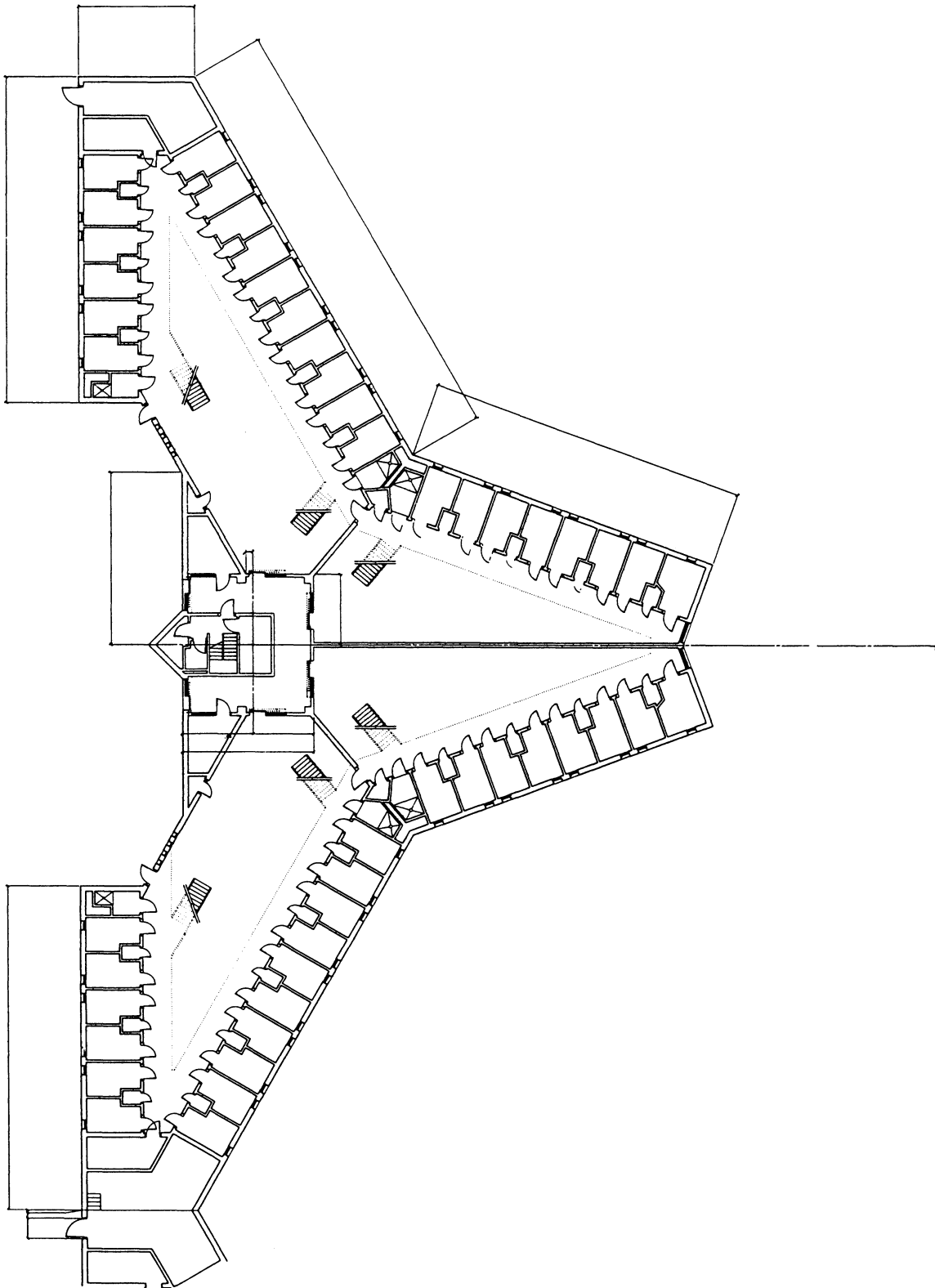
Jurisdiction official: Ernest L. Cowles, Director, Division of Classification and Treatment

**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

<p><b>Groundbreaking:</b> June 1985  <b>Finish date:</b> January 1987  <b>Construction time:</b> 19 months</p>	<p><b>Design capacity:</b> 264  <b>Total cost:</b> \$16,800,000  <b>Total annual operating costs:</b> \$4,108,489</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison—diagnostic and reception center  <b>Building configuration:</b> Clusters; campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></p> <p>Structural: Steel frame; load bearing masonry walls  Exterior walls: Brick  Interior walls: CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: State funds; State bond issue  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 256  Double occupancy: 0  Dorms: 0  Special housing: 8  General population: 256  Total: 264</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



# Jackson County Detention Center

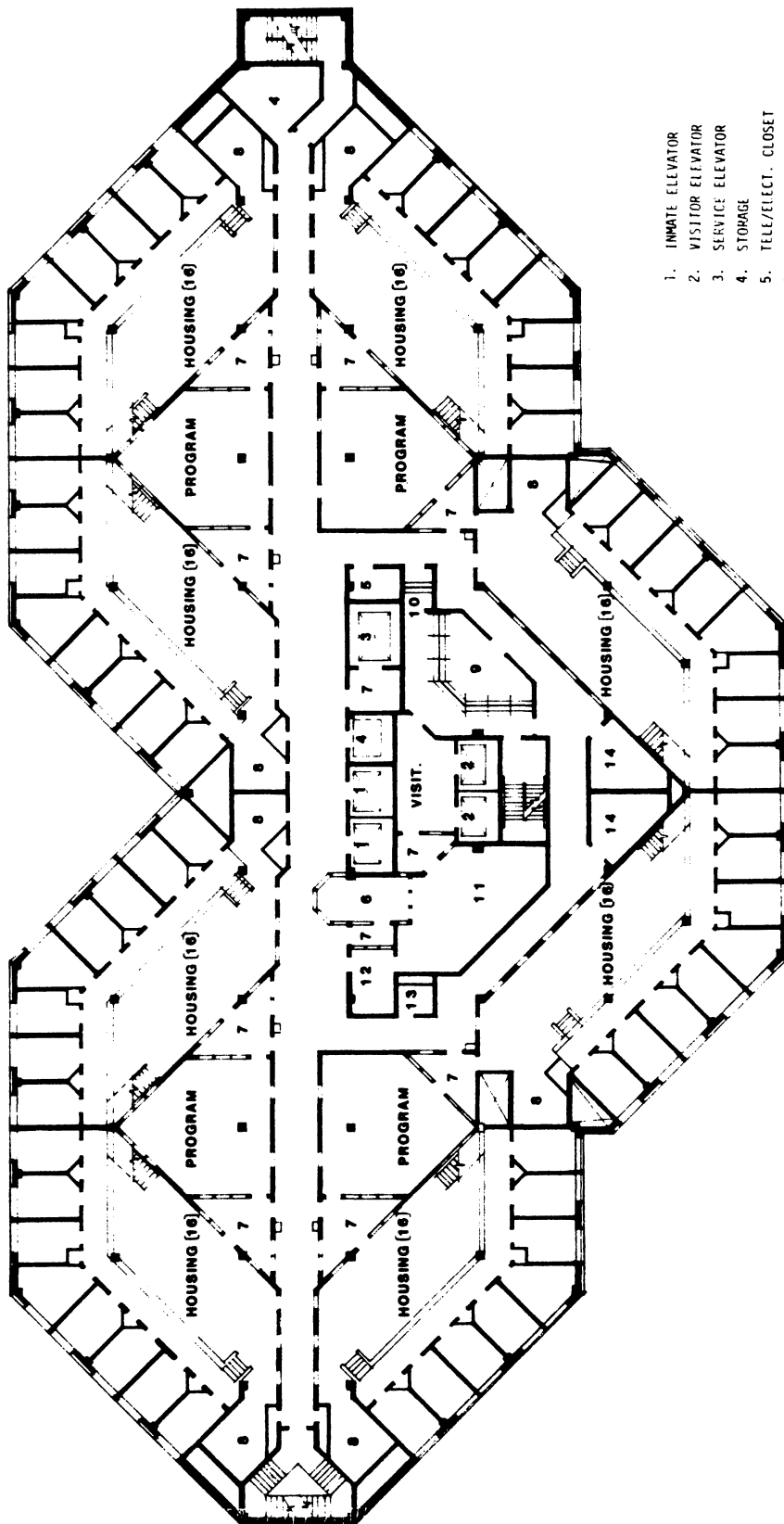
Jurisdiction official: Charles Megerman, Director

**Contact:** Charles Megerman, Director, Jackson County Detention Center, 1300 Cherry Street, Kansas City, MO 64106, 816-881-4233

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

**Construction manager:** Concordia, Crown Center, Suite 120, 244 Pershing Road, Kansas City, MO 64108, 816-842-9015

<p><b>Groundbreaking:</b> May 1981  <b>Finish date:</b> November 1983  <b>Construction time:</b> 30 months</p>	<p><b>Design capacity:</b> 520  <b>Total cost:</b> \$27,201,575  <b>Total annual operating costs:</b>          \$5,500,000 (excl. utilities and maintenance)</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail and courts  <b>Building configuration:</b> Integrated structure; high rise</p>
<p><b>Costs</b></p> <p>Total: \$27,201,575          Building only: \$27,044,575          Housing area: \$13,847,297          Housing per inmate: \$33,287          Housing per cell: \$33,287          Total per inmate: N/A (complex)          Total per GSF: \$137.88          Total annual operating costs: \$5,500,000 (excl. utilities and maintenance)</p>	<p><b>Dimensions</b></p> <p>Gross square feet/corrections: 197,280          Gross square feet/other: 105,311          Gross square feet/total: 302,591          Housing area square feet: 160,735          Gross square feet per inmate: 379          Size of cells: 70.5 square feet (single)          Net/gross square feet: 66%</p> <p><b>Construction type</b></p> <p>Structural: Cast-in-place concrete frame          Exterior walls: Cast-in-place concrete; CMU block; brick          Interior walls: CMU block; cast-in-place concrete          Exterior surface/facade: Brick</p>	<p><b>Inmate housing areas</b></p> <p>Design: Module/pod (direct natural light)          Cells per unit: 16          Inmates per unit: 16          Management type: Intermittent and remote surveillance          August 1987 population: 632          Facility commitment: Local jail inmates          Means to handle crowding: Mattresses on floor</p>
<p><b>Security</b></p> <p>Perimeter: Video camera surveillance          Inmate security level:          Maximum: 100%          Medium: 0          Minimum: 0</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 416          Double occupancy: 0          Dorms: 0          Special housing: 104          General population: 416          Total: 520</p> <p><b>Current staff</b></p> <p>Full-time equivalent:          Administration: 16          Security: 175          Programs/treatment: 22          Maintenance: 28          Total: 241          Current inmate/staff ratio: 2.62:1</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></p> <p>Doors/material: Steel          Doors/type: Sliding          Doors/locking: Motor driven and remote locking; manual locking          Floor surface: Sealed concrete          Intercom: One way to cells and common areas          HVAC: Heating/air circulation only; gas heat          Plumbing: Stainless steel; stainless combination unit          Furniture: Steel          Fire protection: Smoke detectors and sprinklers for common areas; manual alarm stations</p>	<p><b>Architect's reported analyses</b></p> <p>Factors affecting construction costs:          Positive: Use of prefabricated components; repetitiveness of design; good competition; less expensive materials          Negative: High security level construction; cast-in-place concrete frame</p> <p>Factors affecting time schedule:          Positive: Use of prefabricated components; simple construction methods; advanced order of materials and hardware; coordination of design; good contractor          Negative: Slow responses from vendors; labor and weather problems; government "red tape"; complex electronic, mechanical, and electrical systems; 12-story building</p>	



- 1. INMATE ELEVATOR
- 2. VISITOR ELEVATOR
- 3. SERVICE ELEVATOR
- 4. STORAGE
- 5. TELE/ELECT. CLOSET
- 6. CONTROL
- 7. SECURITY VESTIBULE
- 8. HYGIENE
- 9. NON-CONTACT VISITATION
- 10. ATTORNEY CONSULTATION
- 11. CONTACT VISITATION
- 12. INMATE STRIP SEARCH
- 13. TOILET
- 14. CASEWORKER

# 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

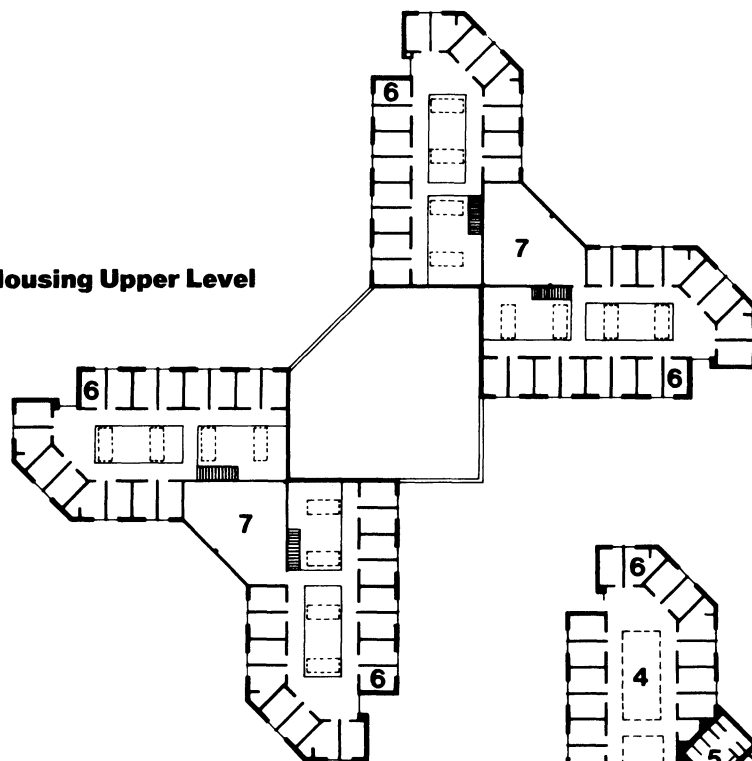
**Architect:** Hellmuth, Obata & Kassabaum, Inc., 100 North Broadway, St. Louis, MO 63102, 314-421-2000

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

<p><b>Groundbreaking:</b> December 1978  <b>Finish date:</b> August 1981  <b>Construction time:</b> 32 months</p>	<p><b>Design capacity:</b> 560  <b>Total cost:</b> \$20,509,000  <b>Total annual operating costs:</b>          \$7,571,666</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></p> <p>Finance method: State funds          Contract method: Construction management fast track          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Current staff</b></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><b>Architect's reported analyses</b></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>

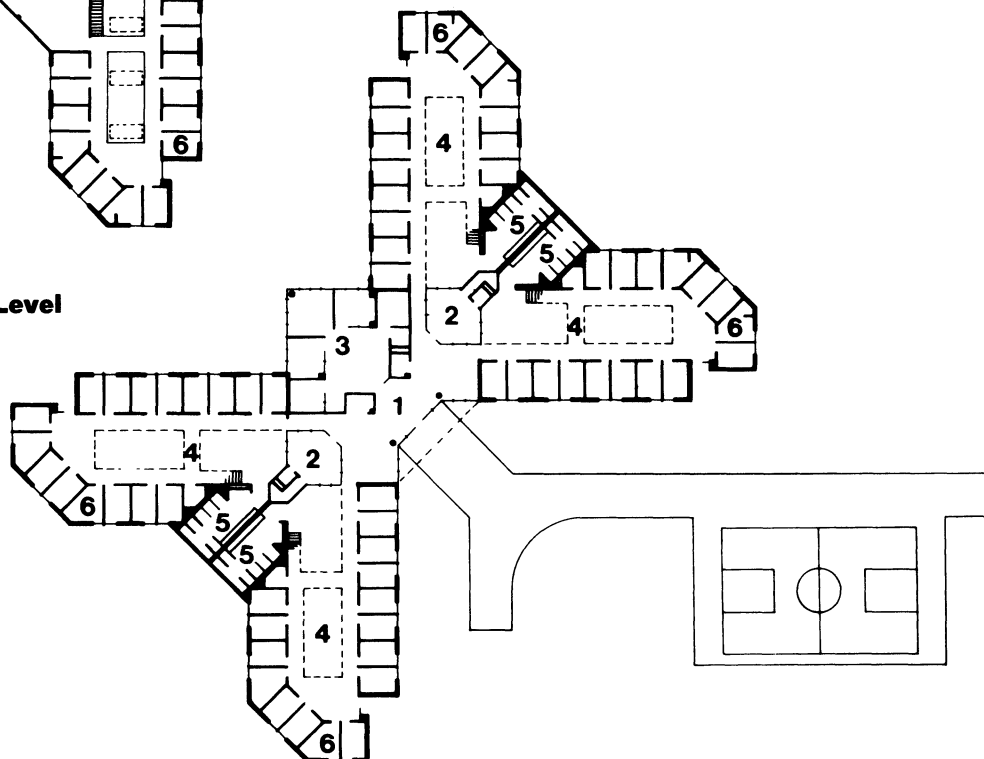


**Typical Housing Upper Level**



**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

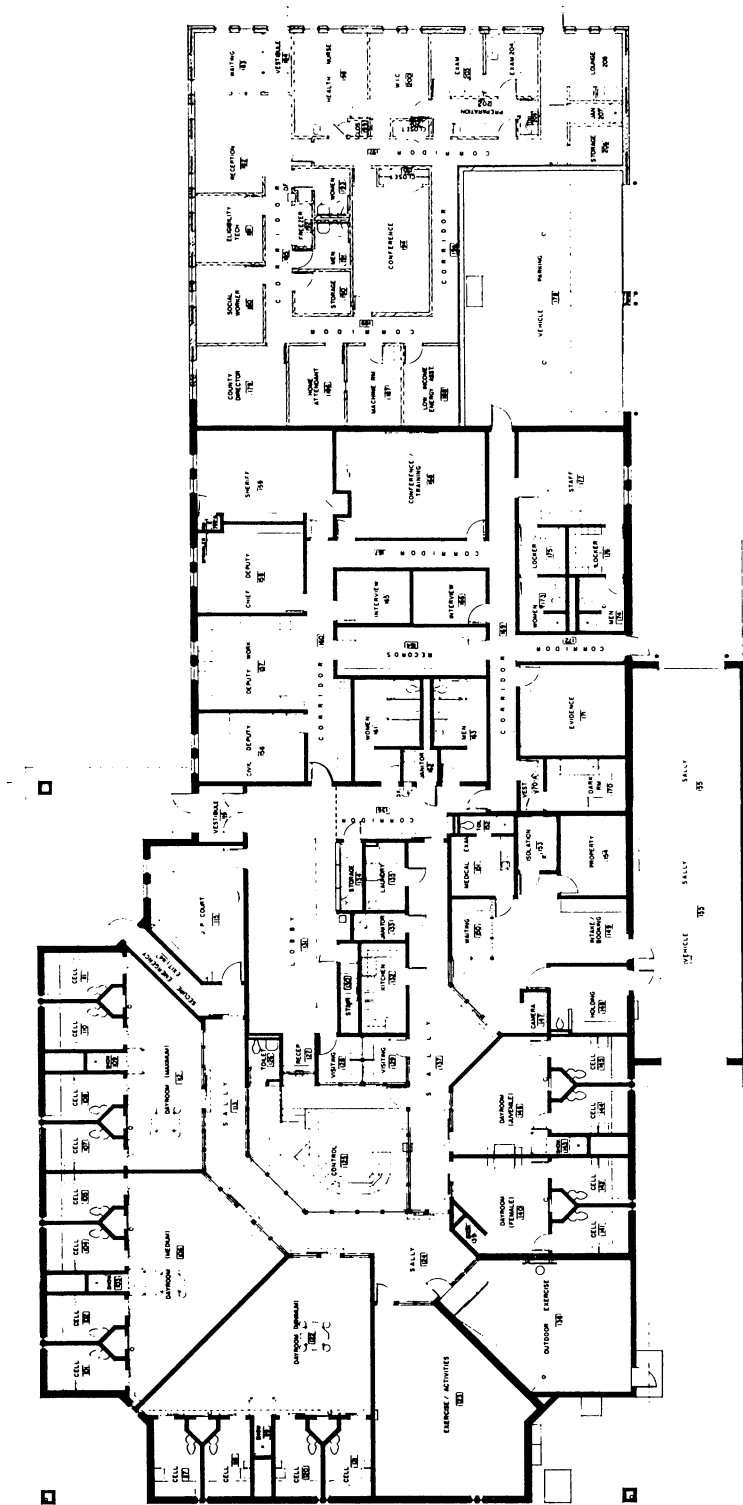
Jurisdiction official: Paul F. Williams, Sheriff

**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

<p><b>Groundbreaking:</b> May 1985  <b>Finish date:</b> February 1986  <b>Construction time:</b> 9 months</p>	<p><b>Design capacity:</b> 35  <b>Total cost:</b> \$1,415,500  <b>Total annual operating costs:</b> \$108,800</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enf., courts, Health &amp; Human Services Admin. office  <b>Building configuration:</b> Integ. structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 25%  Medium: 25%  Minimum: 25%  Other: 25%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds; local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 32  Dorms: 0  Special housing: 3  General population: 32  Total: 35</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: 0  Security: 9  Programs/treatment: 0  Maintenance: 1  Total: 10  Current inmate/staff ratio: .70:1</p>	<p><b>Architect's reported analyses</b></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)

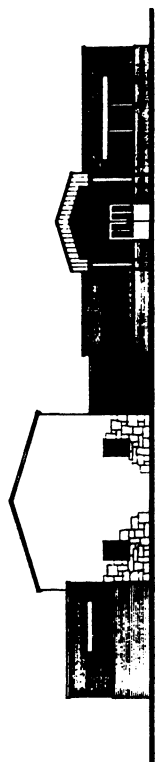
Jurisdiction official: Douglas Schmitz, Chairman, Board of County Commissioners

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

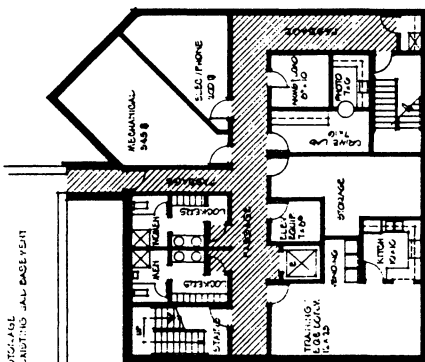
**Architect:** Schutz Foss Architects, 208 North 29th Street, Suite 201, Billings, MT 59101, 406-252-9218

**Construction manager:** None

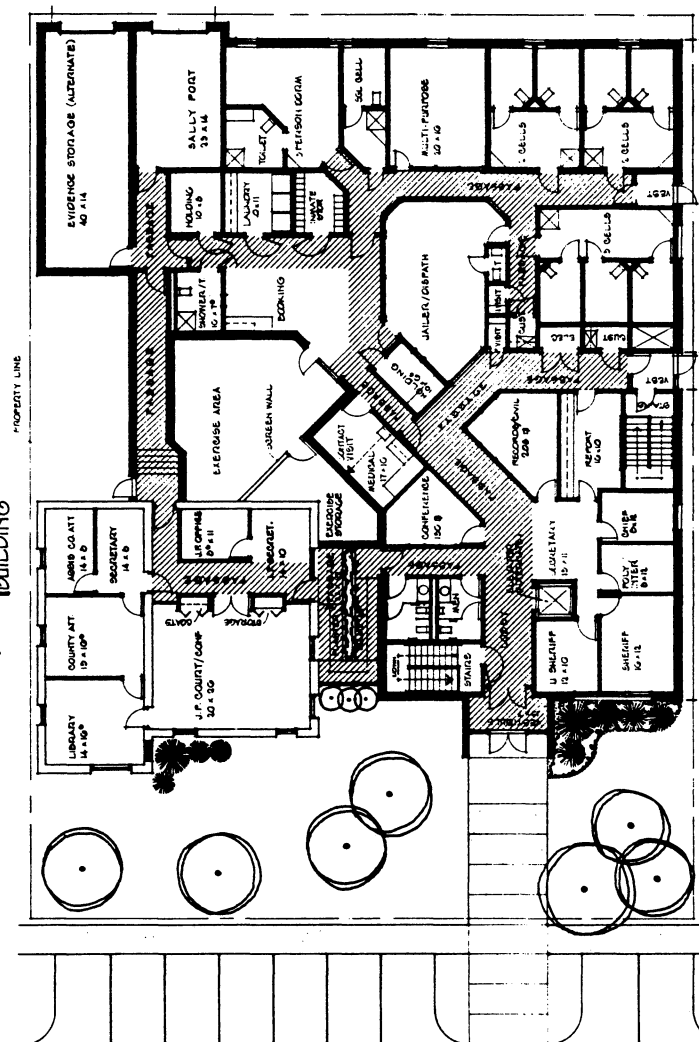
<p><b>Groundbreaking:</b> May 1985  <b>Finish date:</b> April 1986  <b>Construction time:</b> 11 months</p>	<p><b>Design capacity:</b> 14  <b>Total cost:</b> \$1,200,000  <b>Total annual operating costs:</b> \$43,500 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> Complex: county jail, law enforcement, courts  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance  Inmate security level:  Maximum: 0  Medium: 70%  Minimum: 30%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 8  Double occupancy: 0  Dorms: 3  Special housing: 3  General population: 11  Total: 14</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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



BASEMENT FLOOR PLAN



FIRST FLOOR PLAN

DATE: 08-14-07  
 0854 25 FT. X 67 FT.  
 1240 56 FT. X 61 FT. (ALTERNATE)  
 1142 55 FT. X 60 FT. (ALTERNATE)

WASHINGTON

# Lewis and Clark County Criminal Justice Facility

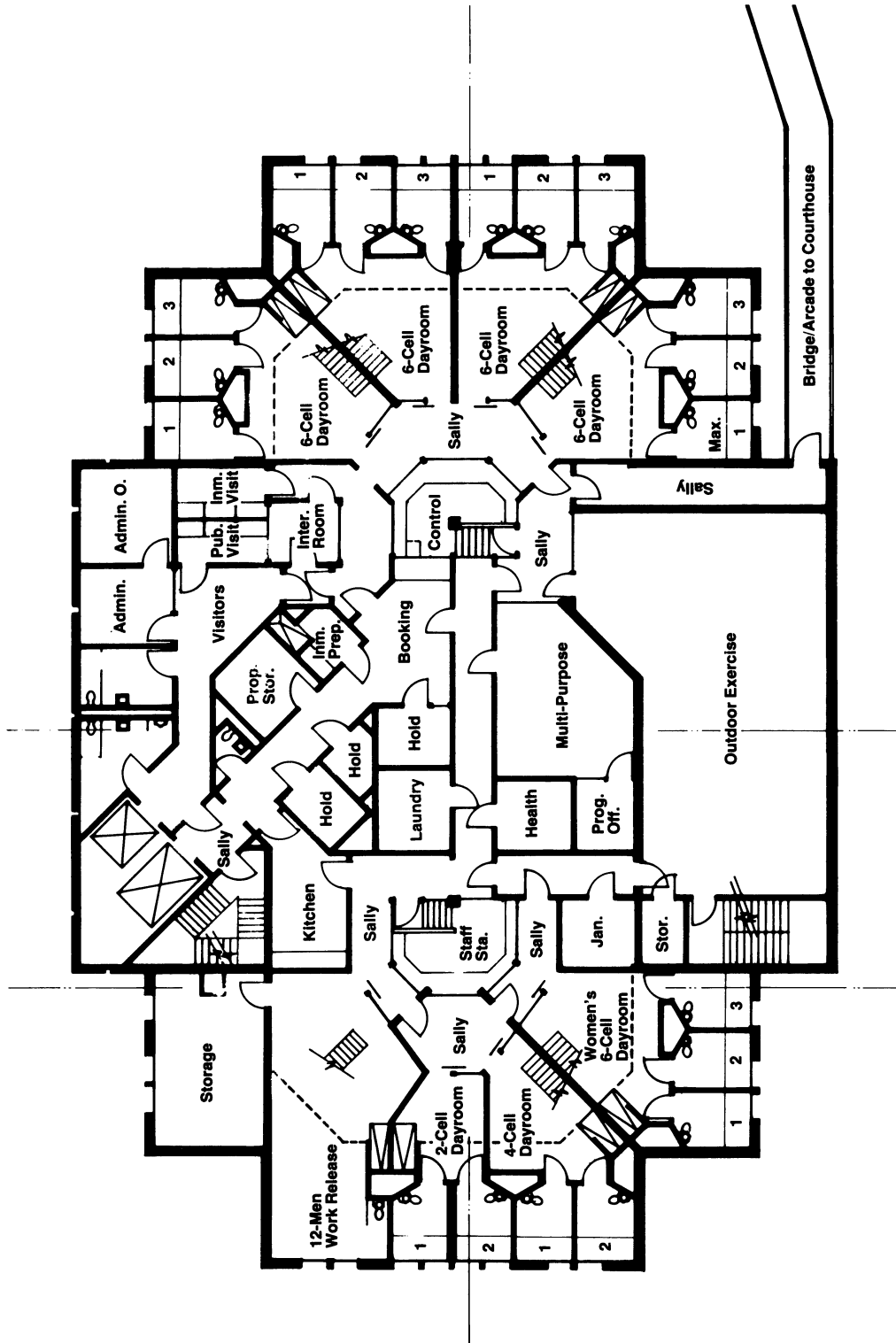
Jurisdiction official: Charles M. O'Reilly, Sheriff

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

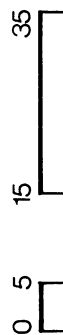
**Architects:** Davidson/Kuhr Architects PC, Post Office Box 3064, Great Falls, MT 59403, 406-761-2277  
The NBBJ Group, 111 South Jackson Street, Seattle, WA 98104, 206-223-5555

**Construction manager:** None

<p><b>Groundbreaking:</b> June 1983 <b>Finish date:</b> October 1985 <b>Construction time:</b> 28 months</p>	<p><b>Design capacity:</b> 48 <b>Total cost:</b> \$3,310,700 <b>Total annual operating costs:</b> \$258,229</p>	<p><b>Category:</b> New, independent facility <b>Facility type:</b> Complex: county jail, law enforcement <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 17% Medium: 58% Minimum: 25%</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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 36 Double occupancy: 2 Dorms: 10 Special housing: 0 General population: 48 Total: 48</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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

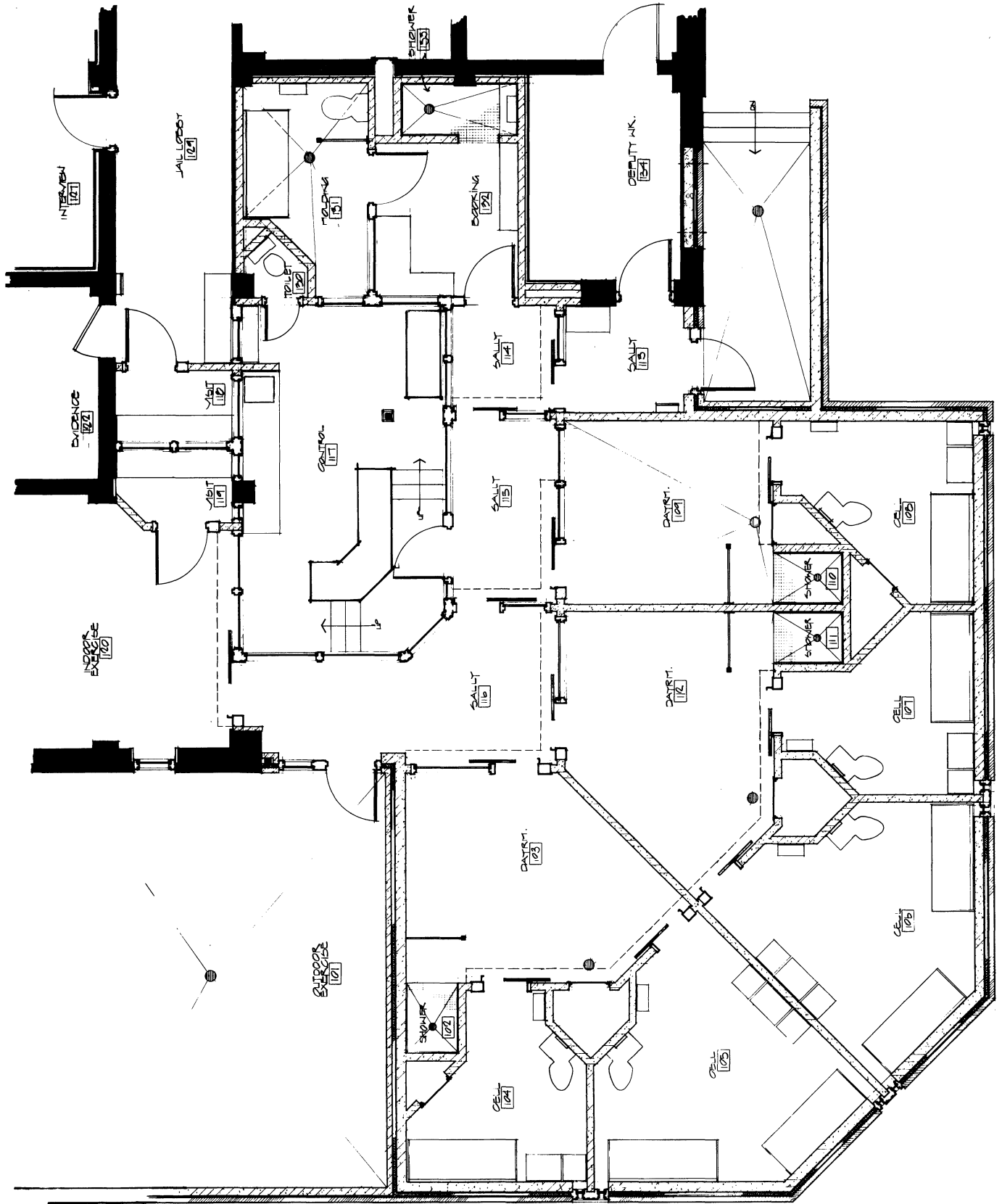
**Contact:** Robert L. Stocker, Jail Administrator, Pondera County Jail, 20 4th Avenue South, Conrad, MT 59425, 406-278-7681

**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

<p><b>Groundbreaking:</b> March 1986  <b>Finish date:</b> December 1986  <b>Construction time:</b> 9 months</p>	<p><b>Design capacity:</b> 8  <b>Total cost:</b> \$1,235,740  <b>Total annual operating costs:</b> N/A (expansion)</p>	<p><b>Category:</b> Remodeling/renovation project; expansion project  <b>Facility type:</b> Complex: county jail, law enforcement, courts  <b>Building configuration:</b> Integ. structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Video camera surveillance  Inmate security level:  Maximum: 20%  Medium: 80%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Revenue sharing; Federal funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Limited; architectural precast</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 3  Double occupancy: 4  Dorms: 0  Special housing: 1  General population: 7  Total: 8</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: 4  Security: 11  Programs/treatment: 0  Maintenance: 2  Total: 17  Current inmate/staff ratio: .12:1</p>	<p><b>Architect's reported analyses</b></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

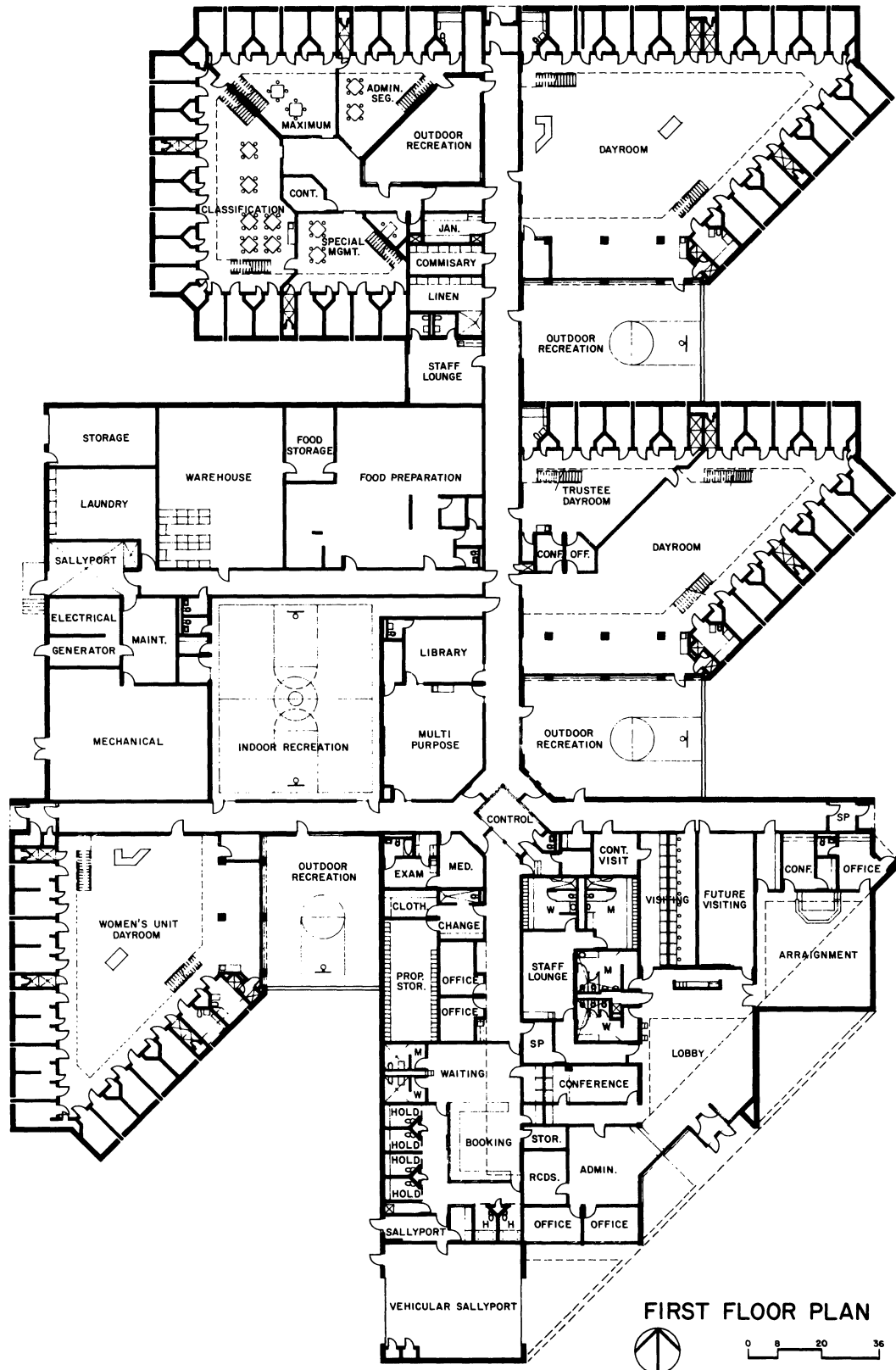
**Architects:** Dana Larson Roubal & Associates/DLR Group, 2929 Third Avenue North, First Federal Building, Suite 206, Billings, MT 59101, 406-245-6201

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

<p><b>Groundbreaking:</b> October 1985  <b>Finish date:</b> June 1987  <b>Construction time:</b> 20 months</p>	<p><b>Design capacity:</b> 174  <b>Total cost:</b> \$7,607,597  <b>Total annual operating costs:</b> \$1,550,567</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, courts  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 126          Double occupancy: 0          Dorms: 0          Special housing: 48          General population: 126          Total: 174</p> <p><b>Current staff</b></p> <p>Full-time equivalent:          Administration: 3          Security: 32          Programs/treatment: 3          Maintenance: 4          Total: 42          Current inmate/staff ratio: 2:1</p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Video camera surveillance; chain link fence          Inmate security level:          Maximum: 28%          Medium: 72%          Minimum: 0</p>	<p><b>Construction process</b></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><b>Architects' reported analyses</b></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>
<p><b>Inmate cells</b></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>		

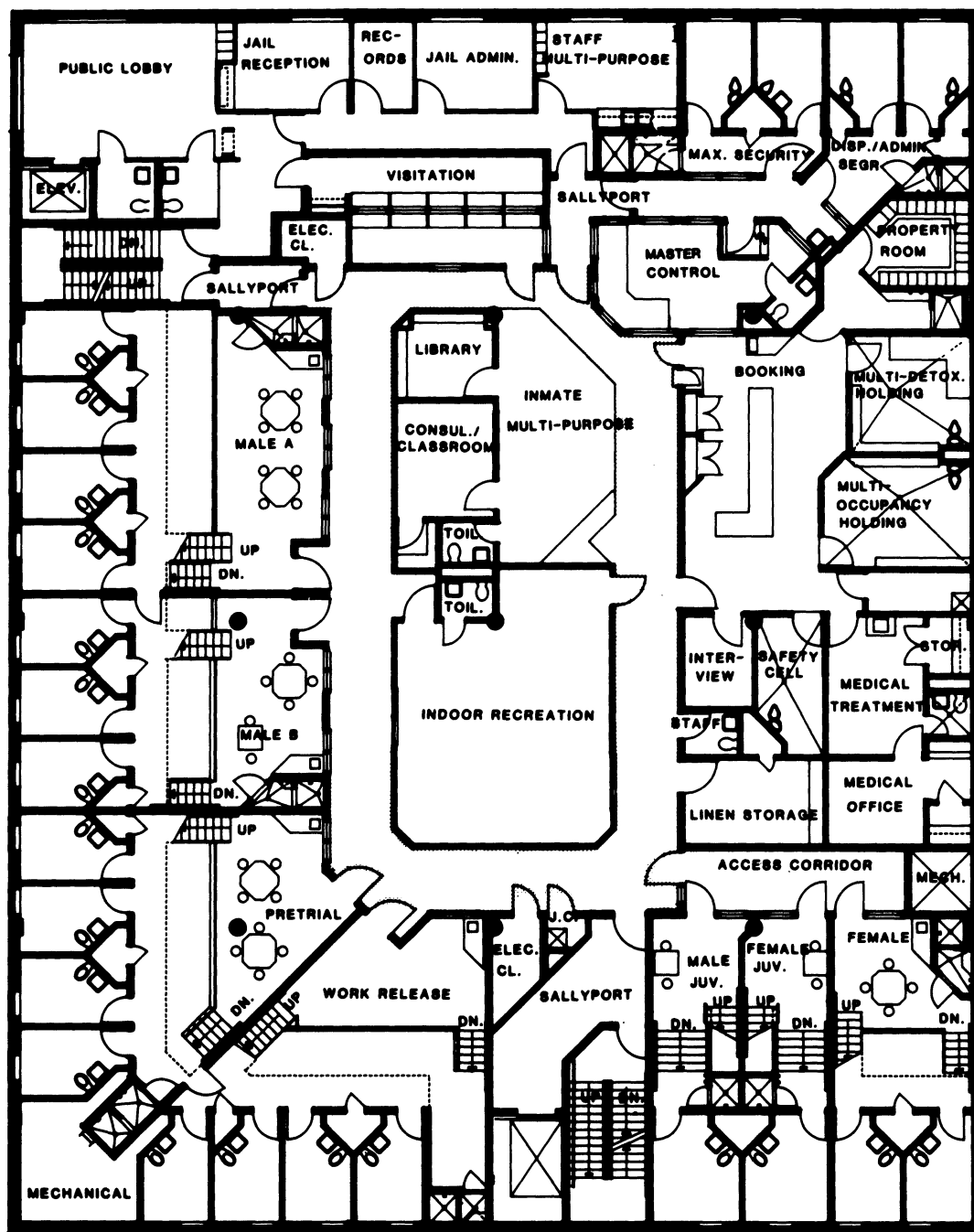


# Dodge County Judicial Center

Jurisdiction official: Dan Weddle, Sheriff

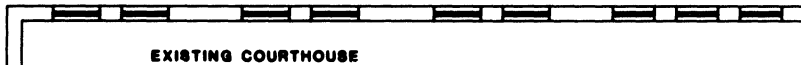
**Contact:** William Steyer, Jail Administrator, Dodge County Judicial Center, 4th and Broad Street, Fremont, NE 68025, 402-721-1962  
**Architect:** Dana Larson Roubal and Associates, 400 Essex Court Omaha, NE 68114, 402-393-4100  
**Construction manager:** None

<p><b>Groundbreaking:</b> June 1985  <b>Finish date:</b> November 1986  <b>Construction time:</b> 17 months</p>	<p><b>Design capacity:</b> 43  <b>Total cost:</b> \$3,259,060  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, courts  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 12%  Medium: 88%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Lease purchase bonds  Contract method: Separate contracts  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 30  Double occupancy: 0  Dorms: 0  Special housing: 13  General population: 30  Total: 43</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></p> <p>Factors affecting construction costs:  Positive: Good competition, favorable market  Negative: Difficult site conditions  Factors affecting time schedule:  Positive: Coordination of design between parties  Negative: Slow responses and delivery from vendors, suppliers</p>



**2ND FLOOR PLAN**

**NORTH**

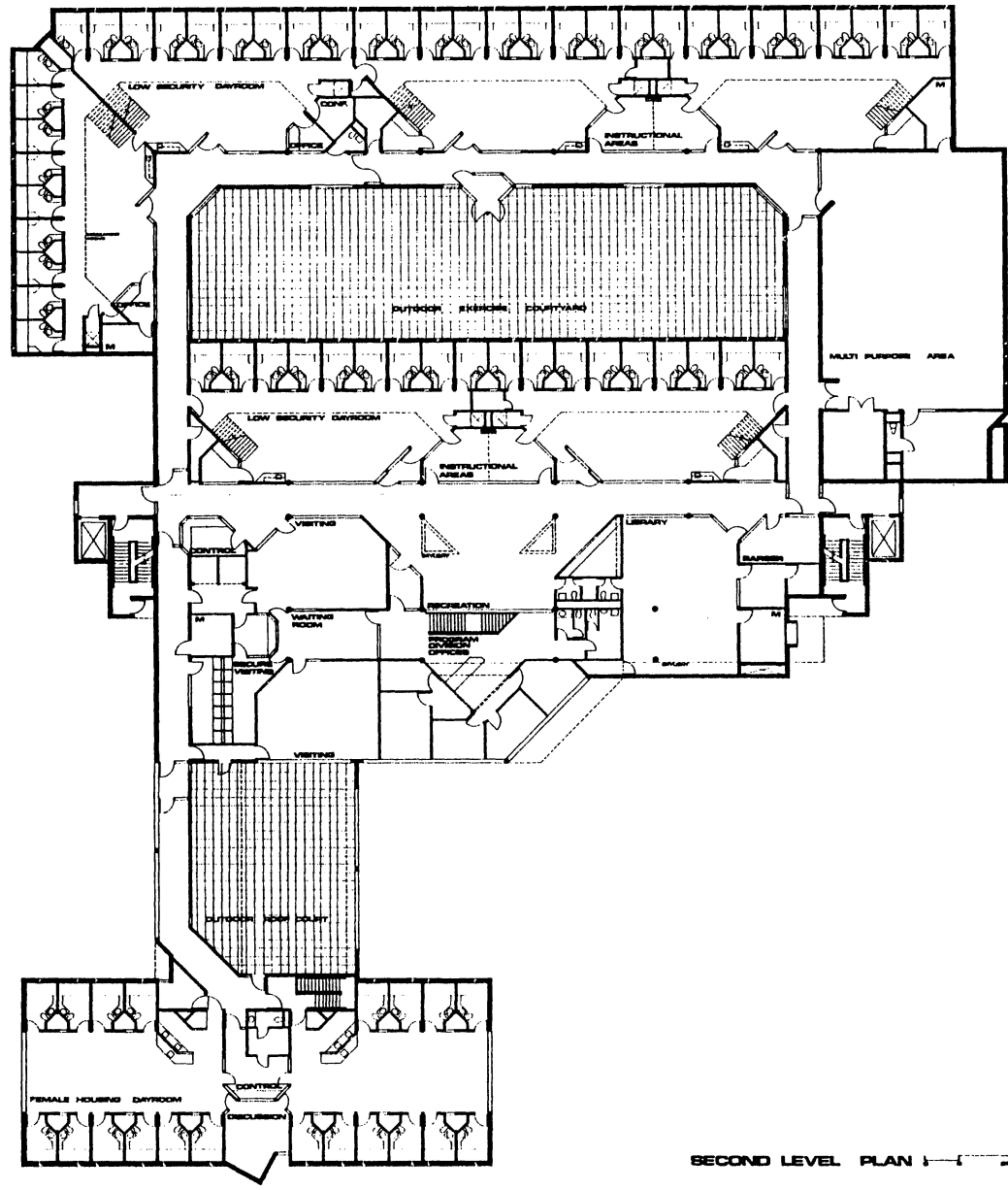


# Douglas County Correctional Center

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><b>Groundbreaking:</b> January 1977  <b>Finish date:</b> July 1979  <b>Construction time:</b> 31 months</p>	<p><b>Design capacity:</b> 204  <b>Total cost:</b> \$4,636,423  <b>Total annual operating costs:</b> \$4,000,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 202  Double occupancy: 0  Dorms: 0  Special housing: 2  General population: 202  Total: 204</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

# 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

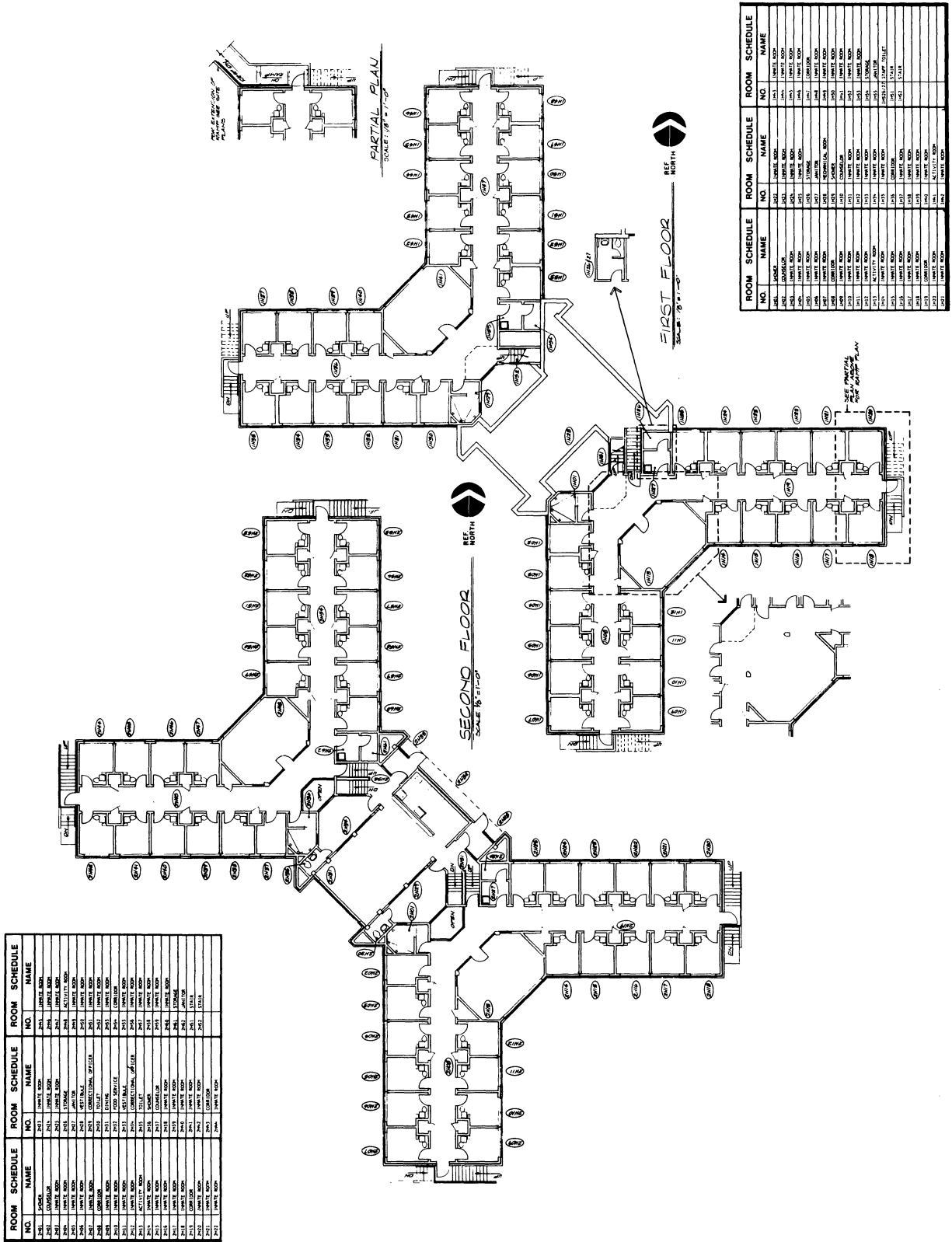
**Architects:** Leo A. Daly, 8600 Indian Hills Drive, Omaha, NE 68114, 402-391-8111

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

**Construction manager:** None

<p><b>Groundbreaking:</b> April 1979  <b>Finish date:</b> August 1982  <b>Construction time:</b> 40 months</p>	<p><b>Design capacity:</b> 320  <b>Total cost:</b> \$14,500,000  <b>Total annual operating costs:</b> \$9,149,393 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 240  Double occupancy: 0  Dorms: 0  Special housing: 80  General population: 240  Total: 320</p> <p><b>Current staff</b></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><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Architect's reported analyses</b></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

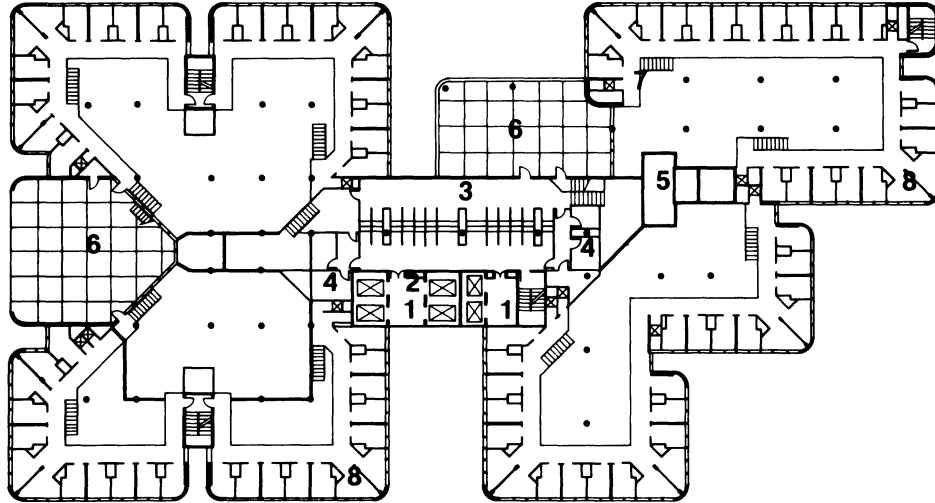
Jurisdiction official: John T. Moran, Sheriff

**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

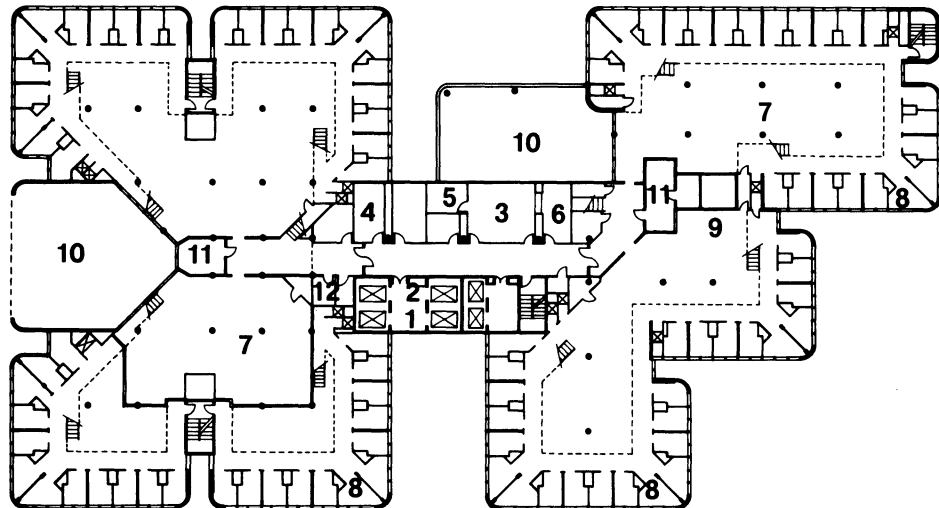
**Construction manager:** None

<p><b>Groundbreaking:</b> June 1981  <b>Finish date:</b> June 1984  <b>Construction time:</b> 36 months</p>	<p><b>Design capacity:</b> 850  <b>Total cost:</b> \$43,500,000  <b>Total annual operating costs:</b> \$17,586,658</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure; high rise; clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 12%  Medium: 63%  Minimum: 25%</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 800  Double occupancy: 0  Dorms: 0  Special housing: 50  General population: 800  Total: 850</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architect's reported analyses</b></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

<p><b>Groundbreaking:</b> October 1983  <b>Finish date:</b> September 1987  <b>Construction time:</b> 47 months</p>	<p><b>Design capacity:</b> 499  <b>Total cost:</b> \$28,300,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> High rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 20%  Medium: 80%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Precast concrete frame  Exterior walls: CMU block; brick  Interior walls: CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 435  Double occupancy: 0  Dorms: 0  Special housing: 64  General population: 435  Total: 499</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: Unknown  Security: Unknown  Programs/treatment: Unknown  Maintenance: Unknown  Total: Unknown  Current inmate/staff ratio: Unknown</p>	<p><b>Architect's reported analyses</b></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

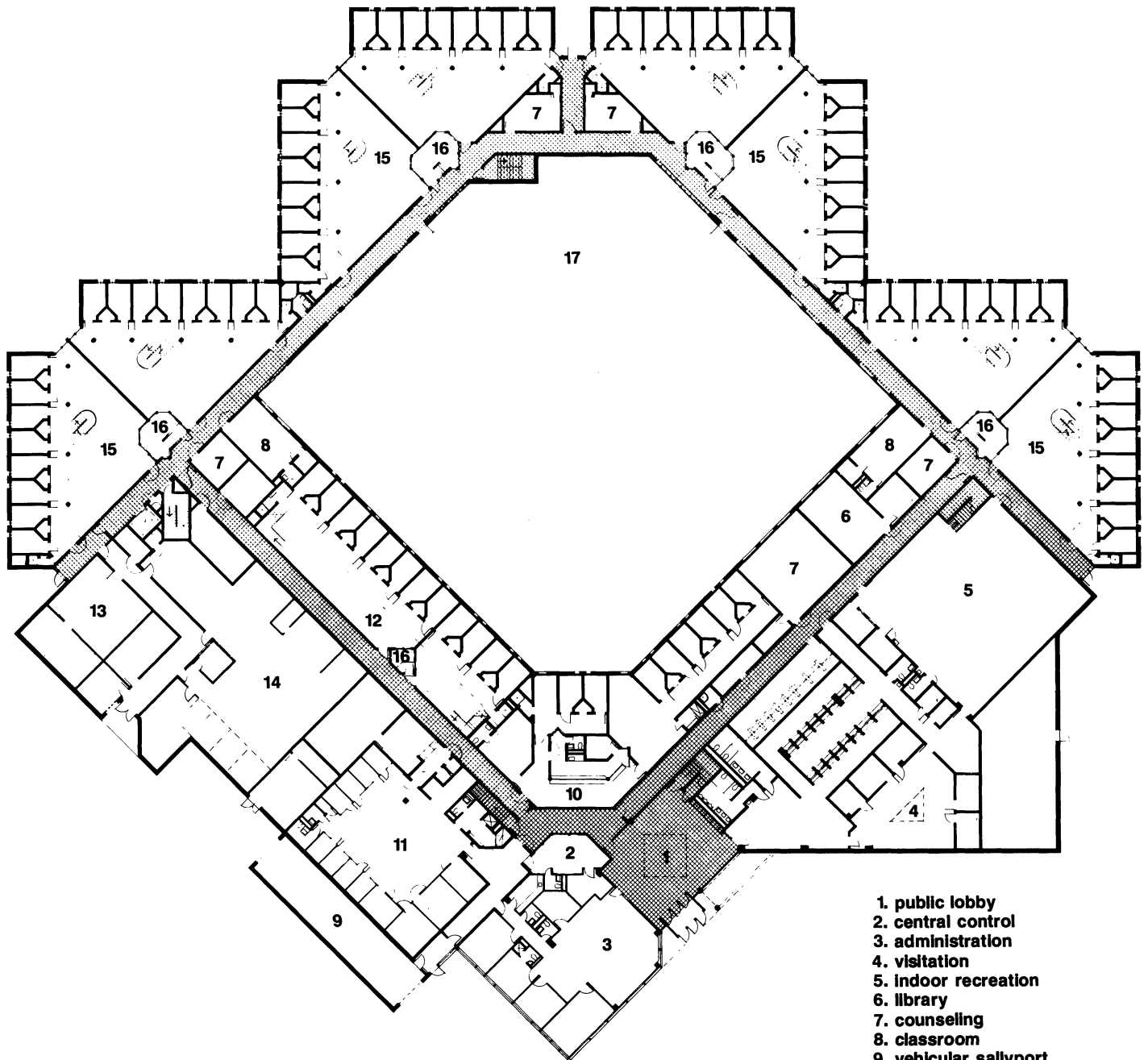
Jurisdiction official: Richard E. Squires, County Executive

**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><b>Groundbreaking:</b> July 1982  <b>Finish date:</b> June 1984  <b>Construction time:</b> 23 months</p>	<p><b>Design capacity:</b> 368  <b>Total cost:</b> \$13,744,500  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, courts  <b>Building configuration:</b> Courtyard</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on fences  Inmate security level:  Maximum: 22%  Medium: 54%  Minimum: 24%</p>	<p><b>Construction type</b></p> <p>Structural: Cast-in-place concrete frame  Exterior walls: CMU block; brick  Interior walls: CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 256  Double occupancy: 0  Dorms: 0  Special housing: 112  General population: 256  Total: 368</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

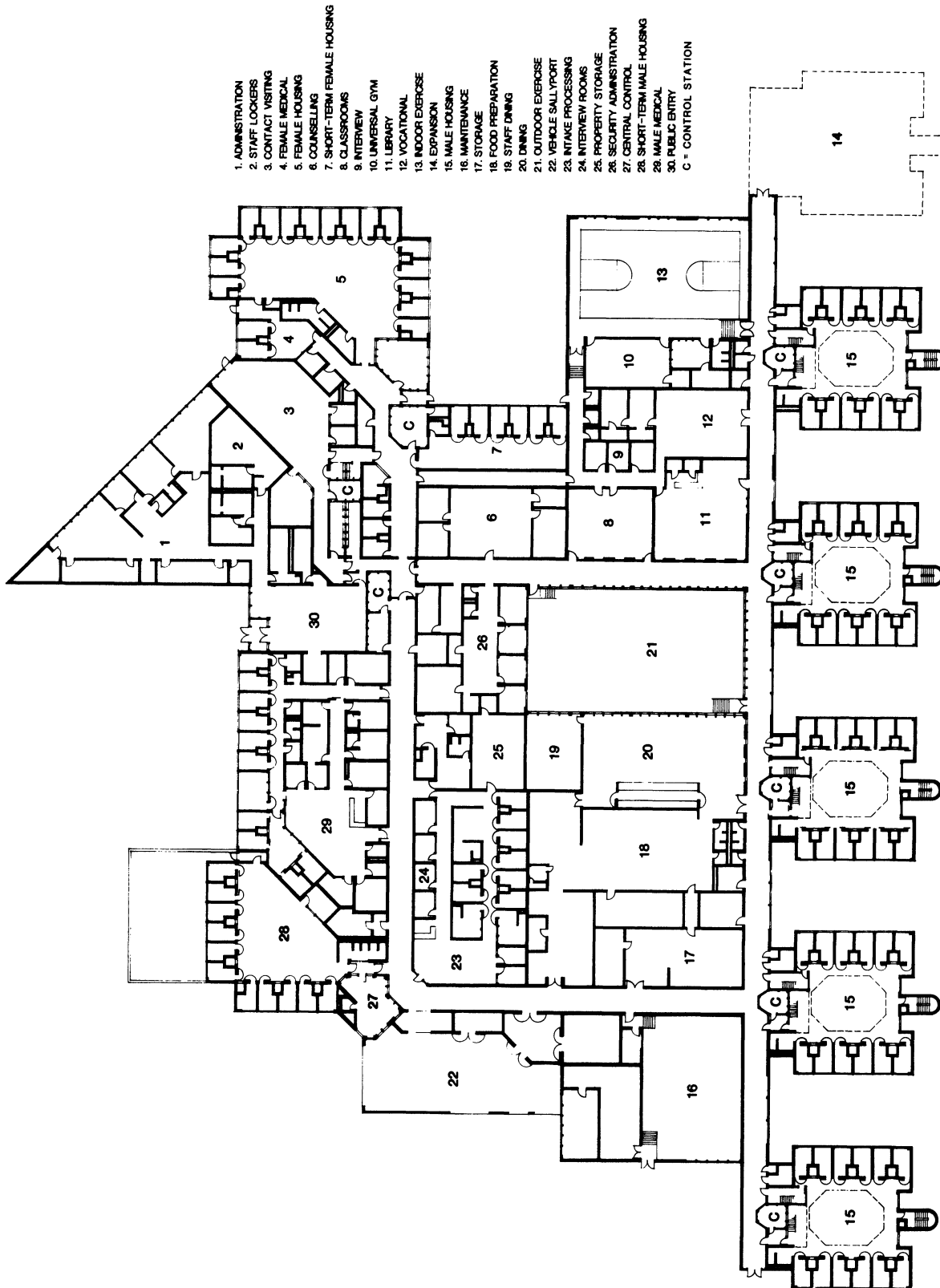
**Contact:** Warden Rudolph Johnson, Middlesex County Correctional Facility, P.O. Box 226, New Brunswick, NJ 08903, 201-297-3636

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

**Construction manager:** None

<p><b>Groundbreaking:</b> December 1981  <b>Finish date:</b> July 1984  <b>Construction time:</b> 30 months</p>	<p><b>Design capacity:</b> 330  <b>Total cost:</b> \$18,000,000  <b>Total annual operating costs:</b> \$10,007,500</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure; courtyard</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on fences          Inmate security level:              Maximum: 15%              Medium: 85%              Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame          Exterior walls: Dryvit          Interior walls: Poured-in-place concrete          Exterior surface/facade: Finished system</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds; State funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 300          Double occupancy: 0          Dorms: 0          Special housing: 30          General population: 300          Total: 330</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

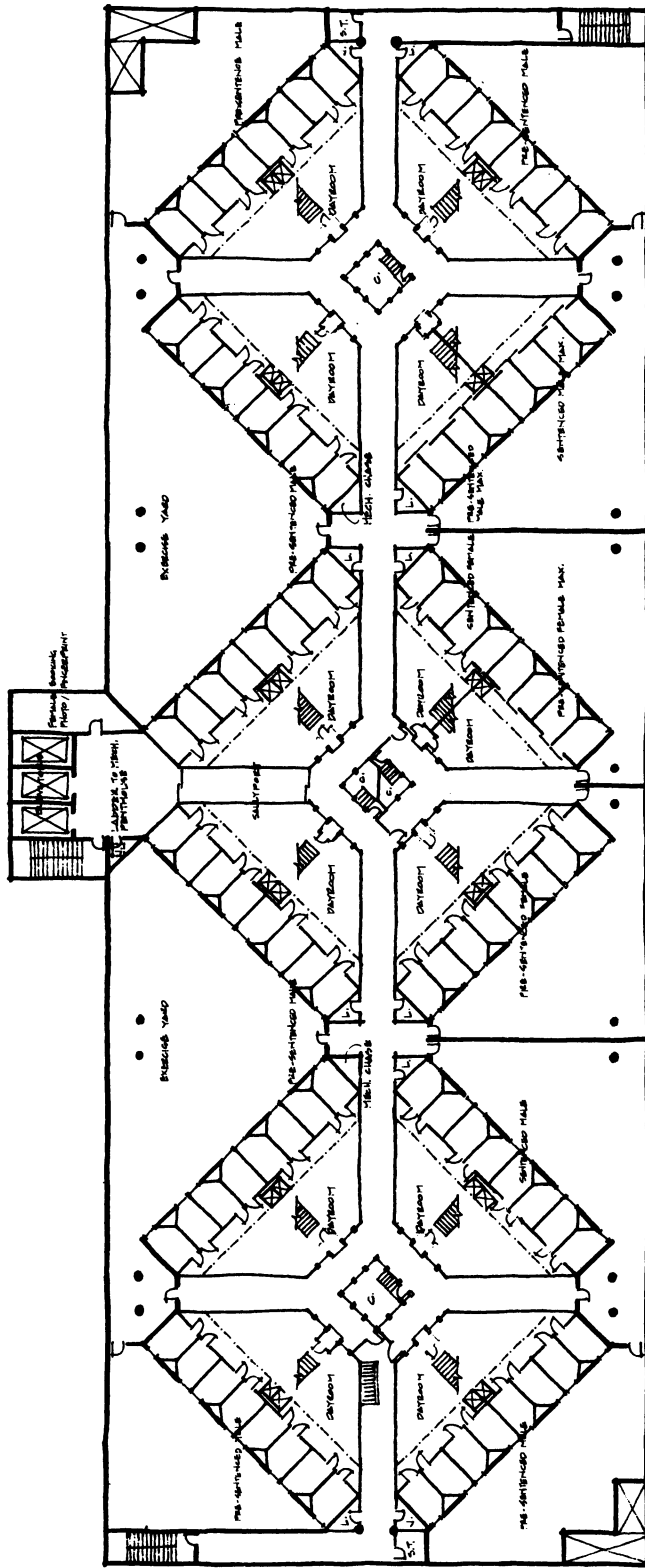
**Contact:** Warden Theodore J. Hutler, Ocean County Justice Complex, 101 Hooper Avenue, CN 2191, Toms River, NJ 08754, 201-929-2043

**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><b>Groundbreaking:</b> March 1982  <b>Finish date:</b> November 1985  <b>Construction time:</b> 44 months</p>	<p><b>Design capacity:</b> 209  <b>Total cost:</b> \$20,000,000  <b>Total annual operating costs:</b> \$3,658,500</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, courts  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only          Inmate security level:            Maximum: 20%            Medium: 80%            Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame          Exterior walls: Brick; AWP panels          Interior walls: CMU block          Exterior surface/facade: Brick; glass</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds; State funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 192          Double occupancy: 0          Dorms: 0          Special housing: 17          General population: 192          Total: 209</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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**

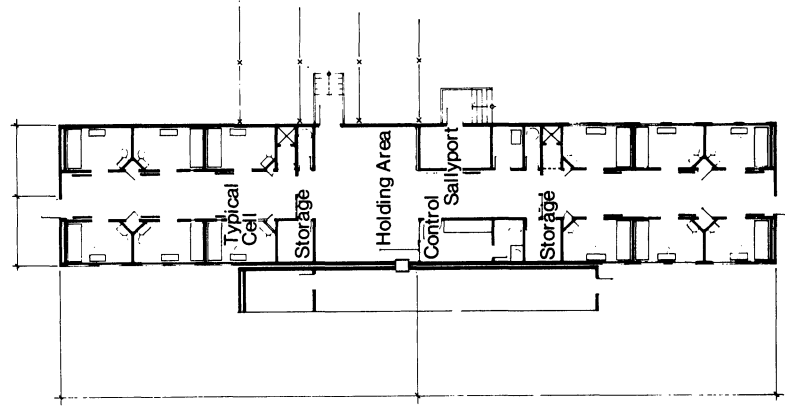
# Southern State Correctional Facility: Modular Units (Phase I and II)

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

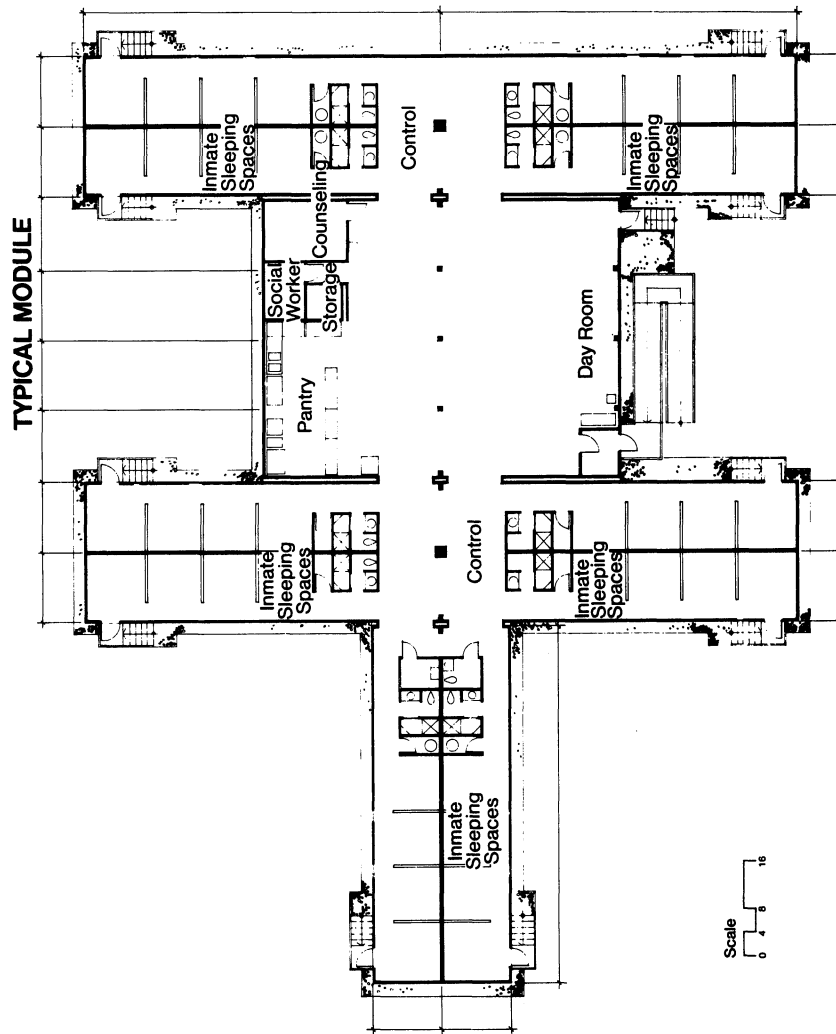
**Contact:** Superintendent Robert Edmiston, Southern State Correctional Facility, Route #47, Delmont, NJ 08314, 609-785-1300  
**Architect:** CUH2A Architects, Engineers, Planners, 600 Alexander Road, CN 5240, Princeton, NJ 08540, 609-452-1212  
**Modular manufacturer:** Arthur Industries, Inc., P.O. 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><b>Groundbreaking:</b> December 1982  <b>Finish date:</b> January 1984  <b>Construction time:</b> 6 months (Phase I);  5 months (Phase II)</p>	<p><b>Design capacity:</b> 1,106  <b>Total cost:</b> \$24,300,000  <b>Total annual operating costs:</b>  \$25,265,000 (entire facility)</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on fences; towers; patrols  Inmate security level:  Maximum: 2%  Medium: 83%  Minimum: 15%</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 984  Special housing: 24  General population: 984  Total: 1,008</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architect's reported analyses</b></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  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>	

**DETENTION UNIT**



**TYPICAL HOUSING COMPLEX**



# 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

<p><b>Groundbreaking:</b> September 1979  <b>Finish date:</b> October 1982  <b>Construction time:</b> 37 months</p>	<p><b>Design capacity:</b> 837  <b>Total cost:</b> \$65,000,000  <b>Total annual operating costs:</b>          \$44,580,000 (entire facility)</p>	<p><b>Category:</b> New, ancillary building;          remodel/renovation  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integ. structure;          high rise; courtyard</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; alarm/detection systems          Inmate security level:          Maximum: 100%          Medium: 0          Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 837          Double occupancy: 0          Dorms: 0          Special housing: 0          General population: 837          Total: 837</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

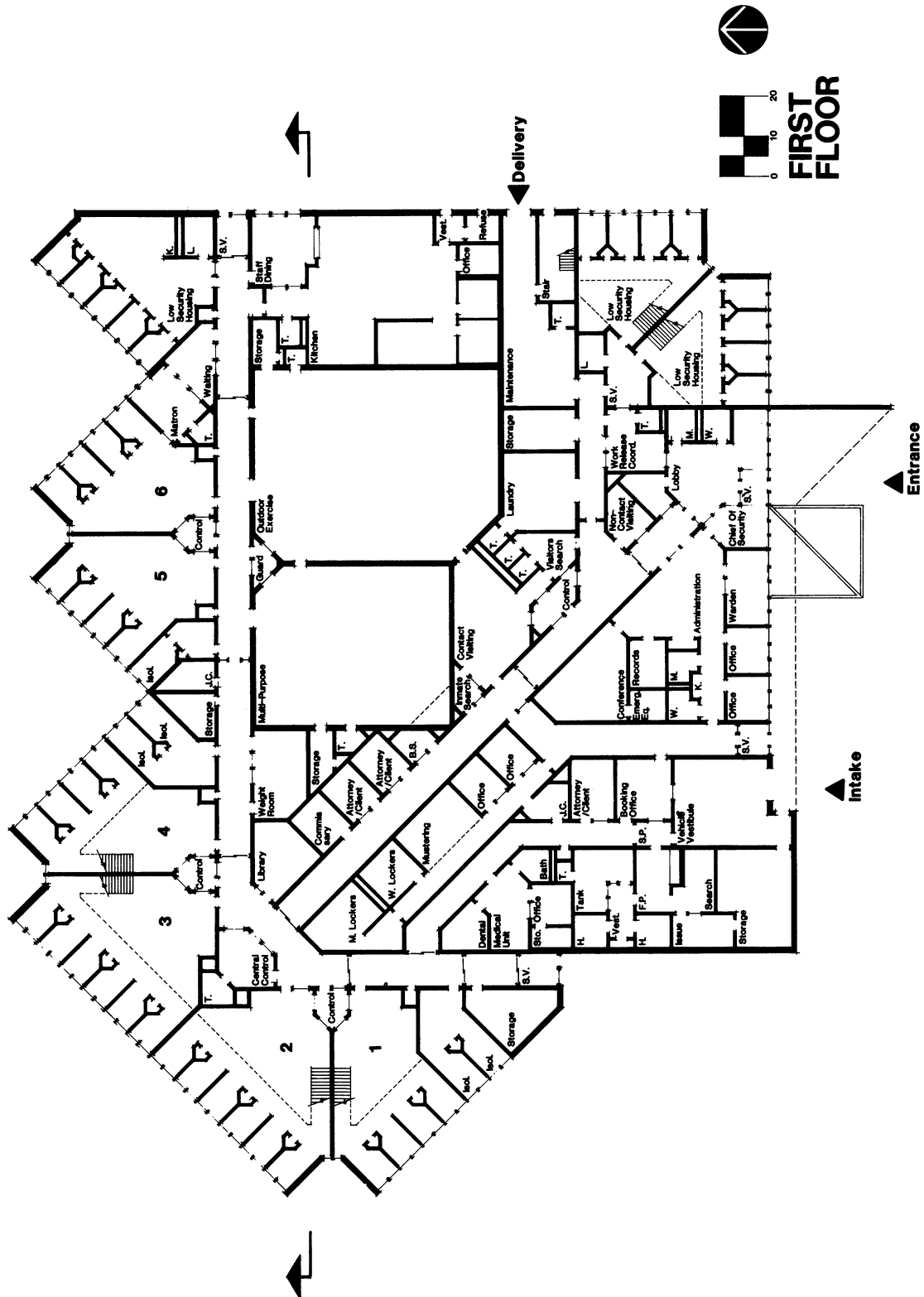
**Contact:** Warden Robert Sharr, Warren County Correctional Center, Belvidere, NJ 07823, 201-475-8200

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

**Construction manager:** None

<p><b>Groundbreaking:</b> April 1984  <b>Finish date:</b> February 1986  <b>Construction time:</b> 22 months</p>	<p><b>Design capacity:</b> 76  <b>Total cost:</b> \$5,408,522  <b>Total annual operating costs:</b>          \$1,578,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only          Inmate security level:            Maximum: 20%            Medium: 60%            Minimum: 20%</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame          Exterior walls: Brick          Interior walls: CMU block          Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 69          Double occupancy: 0          Dorms: 0          Special housing: 7          General population: 69          Total: 76</p> <p><b>Current staff</b></p> <p>Full-time equivalent:            Administration: 4            Security: 55            Programs/treatment: 1            Maintenance: 4            Total: 64          Current inmate/staff ratio: .87:1</p>	<p><b>Architect's reported analyses</b></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

<p><b>Groundbreaking:</b> July 1977  <b>Finish date:</b> November 1979  <b>Construction time:</b> 28 months</p>	<p><b>Design capacity:</b> 300  <b>Total cost:</b> \$7,000,000  <b>Total annual operating costs:</b> N/A          (addition added later)</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure; high rise; clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only          Inmate security level:            Maximum: 100% (design)            Medium: 100% (use)            Minimum: 0</p>	<p>Structural: Steel frame          Exterior walls: Precast panels          Interior walls: Cast-in-place concrete          Exterior surface/facade: Metal with fiberglass insulation</p> <p><b>Inmate design capacity</b></p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: Moderate; exterior walls</p>
<p><b>Inmate cells</b></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>Single occupancy: 288          Double occupancy: 0          Dorms: 0          Special housing: 12          General population: 288          Total: 300</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

<p><b>Groundbreaking:</b> December 1980  <b>Finish date:</b> October 1982  <b>Construction time:</b> 21 months</p>	<p><b>Design capacity:</b> 486  <b>Total cost:</b> \$18,975,756  <b>Total annual operating costs:</b> \$8,800,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Clusters; campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence with razor wire; alarm/detection system; tower  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 486  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 486  Total: 486</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

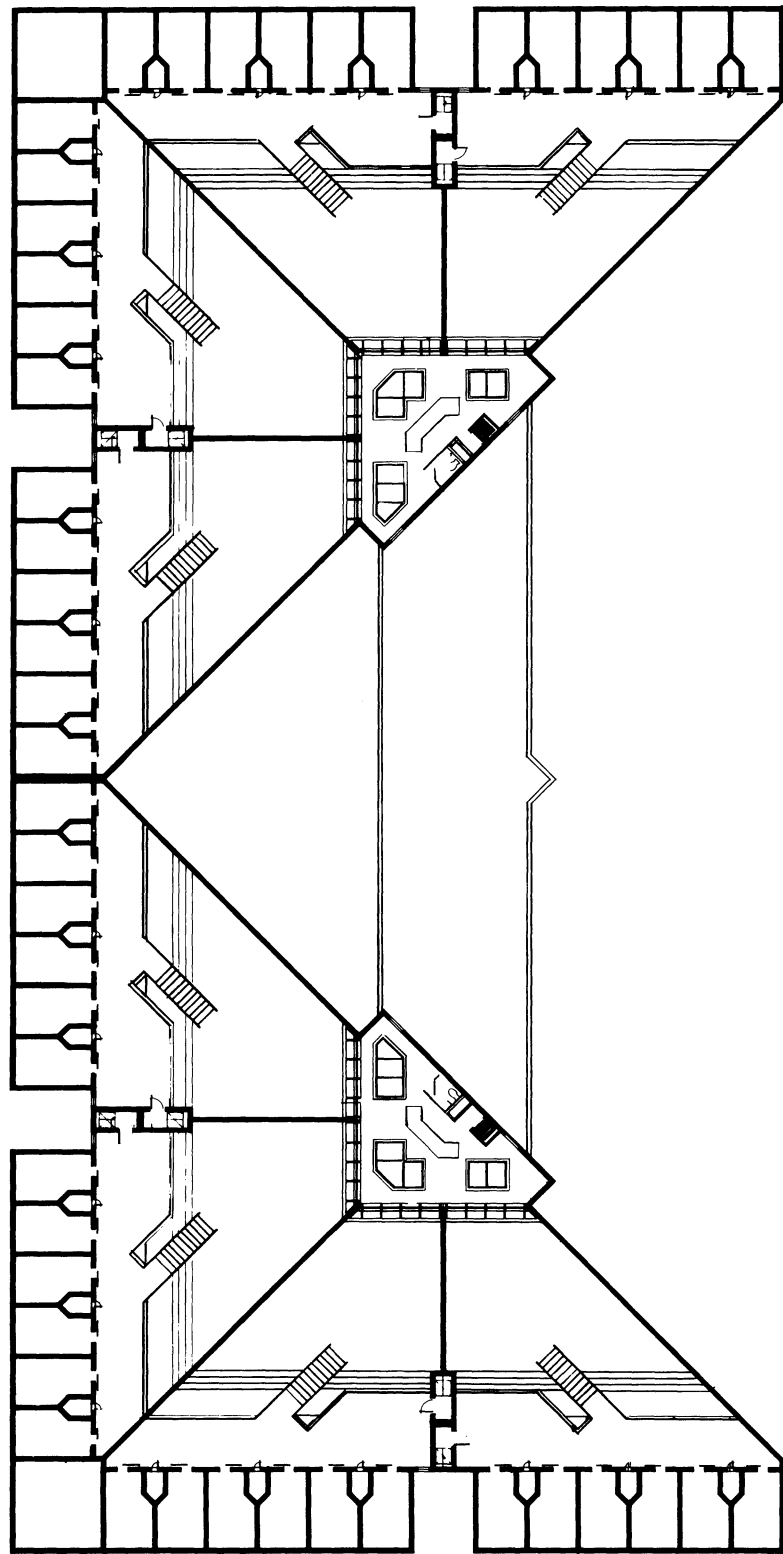
**Contact:** Efren Montoya, Admin. Assistant, Penitentiary of New Mexico, P.O. Box 1059, Santa Fe, NM 87504-1059, 505-471-7300

**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

<p><b>Groundbreaking:</b> June 1982  <b>Finish date:</b> March 1985  <b>Construction time:</b> 33 months</p>	<p><b>Design capacity:</b> 576  <b>Total cost:</b> \$32,525,610  <b>Total annual operating costs:</b> \$3,700,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Current staff</b></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><b>Architects' reported analyses</b></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

<p><b>Groundbreaking:</b> December 1982  <b>Finish date:</b> July 1985  <b>Construction time:</b> 31 months</p>	<p><b>Design capacity:</b> 480  <b>Total cost:</b> \$25,289,795  <b>Total annual operating costs:</b> \$8,862,986 (excluding medical)</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Clusters; campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Current staff</b></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><b>Architect's reported analyses</b></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

<p><b>Groundbreaking:</b> March 1983  <b>Finish date:</b> September 1984  <b>Construction time:</b> 18 months</p>	<p><b>Design capacity:</b> 258  <b>Total cost:</b> \$15,404,215  <b>Total annual operating costs:</b> \$5,721,400</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Clusters; campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 232  Double occupancy: 0  Dorms: 0  Other: 11  Special housing: 15  General population: 243  Total: 258</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architect's reported analyses</b></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>	

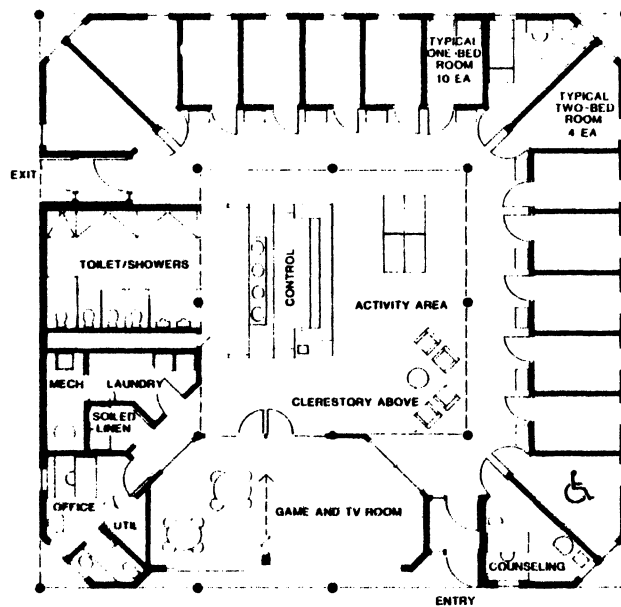
(No floorplan available at time of publication)

# 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><b>Groundbreaking:</b> April 1982  <b>Finish date:</b> April 1983  <b>Construction time:</b> 12 months</p>	<p><b>Design capacity:</b> 100  <b>Total cost:</b> \$1,800,000  <b>Total annual operating costs:</b> \$2,728,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State youth detention facility  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; alarm/detection system  Inmate security level:  Maximum: 0  Medium: 0  Minimum: 100%</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame; load bearing masonry walls  Exterior walls: CMU block  Interior walls: CMU block  Exterior surface/facade: Stucco</p>	<p><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 100  Special housing: 0  General population: 100  Total: 100</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

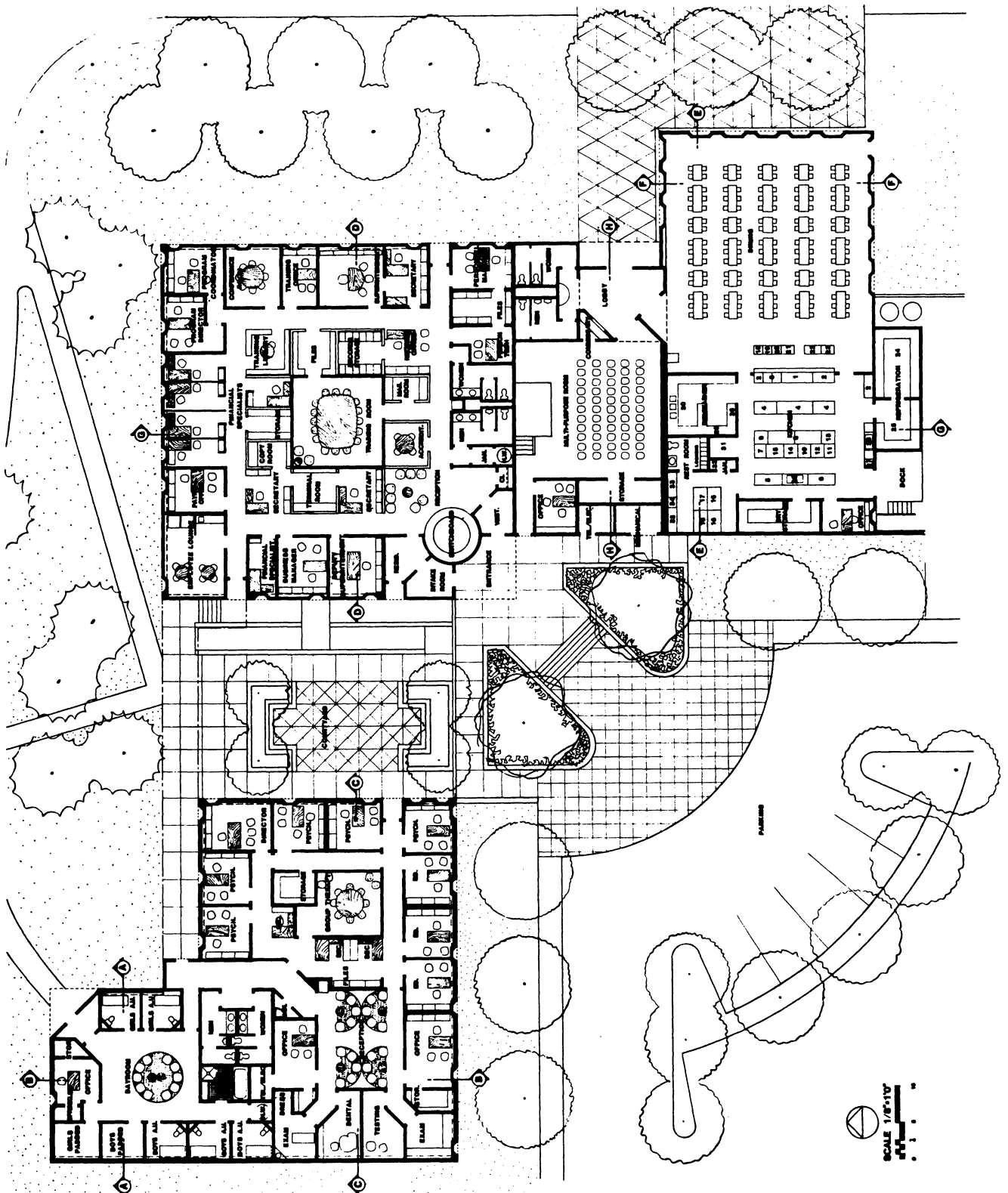
Jurisdiction official: Lloyd W. Mixdorf, Director, Juvenile Facilities and Programs Division

**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

<p><b>Groundbreaking:</b> September 1983 <b>Finish date:</b> March 1985 <b>Construction time:</b> 18 months</p>	<p><b>Design capacity:</b> 7 <b>Total cost:</b> \$2,551,601 <b>Total annual operating costs:</b> \$2,653,800 (entire facility)</p>	<p><b>Category:</b> New, ancillary building; expansion project <b>Facility type:</b> State youth detention facility support service <b>Building configuration:</b> Courtyard; clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; single fence Inmate security level: Maximum: 100% (design) Medium: 100% (use) Minimum: 0</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><b>Construction process</b></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 onsite</p>
<p><b>Inmate cells</b> (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><b>Inmate design capacity</b></p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 0 Special housing: 7 General population: 0 Total: 7</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

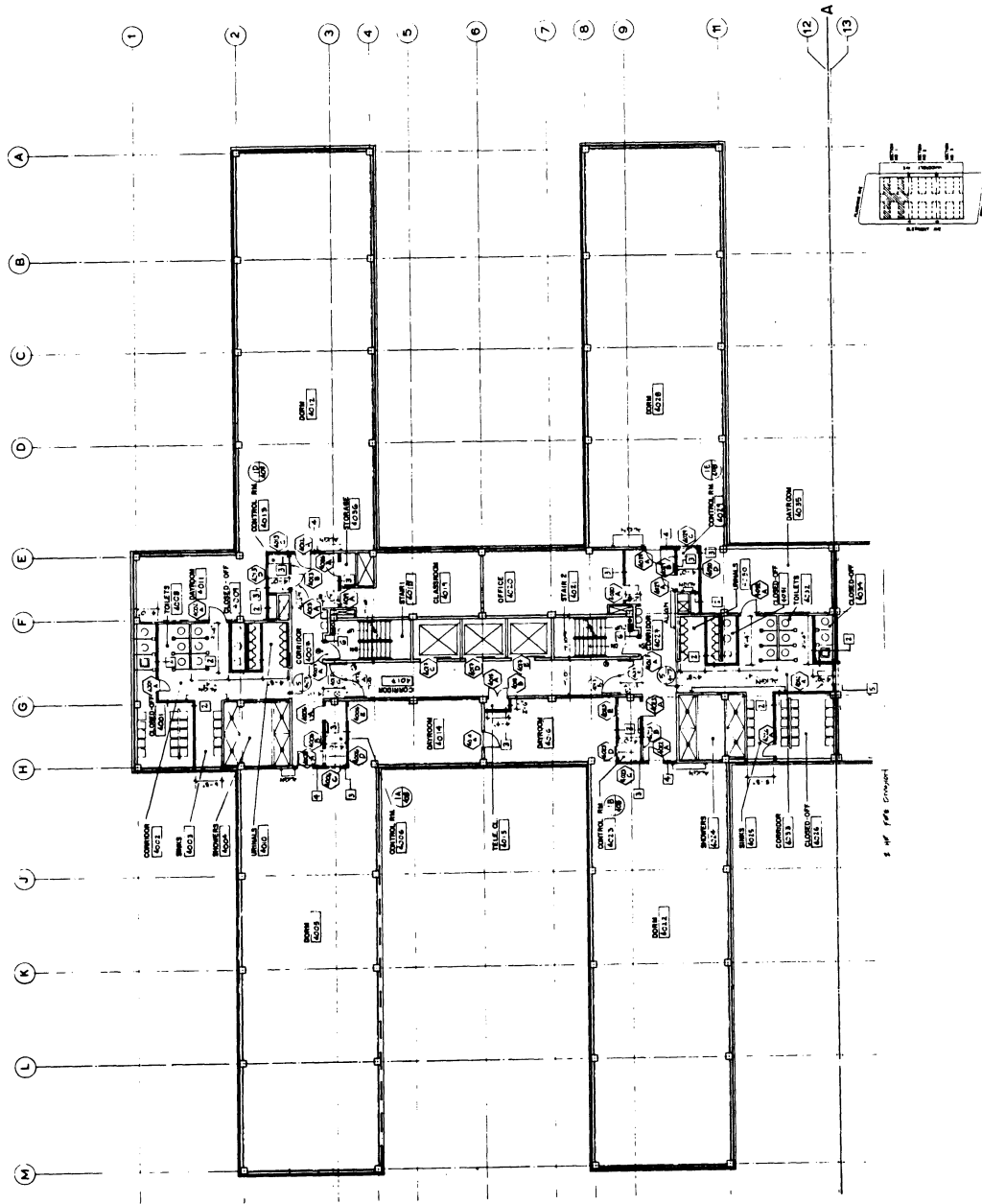
**Contact:** Warden Marvin Fischer, Brooklyn Correctional Facility, 136 Flushing Avenue, Brooklyn, NY 11205, 718-802-3301

**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

<p><b>Groundbreaking:</b> February 1984  <b>Finish date:</b> June 1986  <b>Construction time:</b> 28 months</p>	<p><b>Design capacity:</b> 810  <b>Total cost:</b> \$34,000,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> Remodel/renovation project  <b>Facility type:</b> City jail  <b>Building configuration:</b> High rise; ladder, telephone pole; 5 stories, 6 wings per floor</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; razor wire on fence; patrols; guard booths          Inmate security level:          Maximum: 0          Medium: 100%          Minimum: 0</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 0          Double occupancy: 0          Dorms: 810          Special housing: 0          General population: 810          Total: 810</p> <p><b>Current staff</b></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><b>Construction process</b></p> <p>Finance method: Local funds          Contract method: Construction management fast track          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Architect's reported analyses</b></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

<p><b>Groundbreaking:</b> August 1978  <b>Finish date:</b> December 1978  <b>Construction time:</b> 4 months</p>	<p><b>Design capacity:</b> N/A  <b>Total cost:</b> \$1,817,000  <b>Total annual operating costs:</b> \$1,290,000</p>	<p><b>Category:</b> Remodeling/renovation project; phased project (past)  <b>Facility type:</b> State prison food service and dining facility  <b>Building configuration:</b> Unknown</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; single fence  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Existing steel and concrete  Exterior walls: Brick  Interior walls: CMU block; brick  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells (no cells)</b></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><b>Inmate design capacity</b></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><b>Current staff</b></p> <p>Full-time equivalent:  Administration: Unknown  Security: Unknown  Programs/treatment: Unknown  Maintenance: Unknown  Total: Unknown  Current inmate/staff ratio: Unknown</p>	<p><b>Architect's reported analyses</b></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

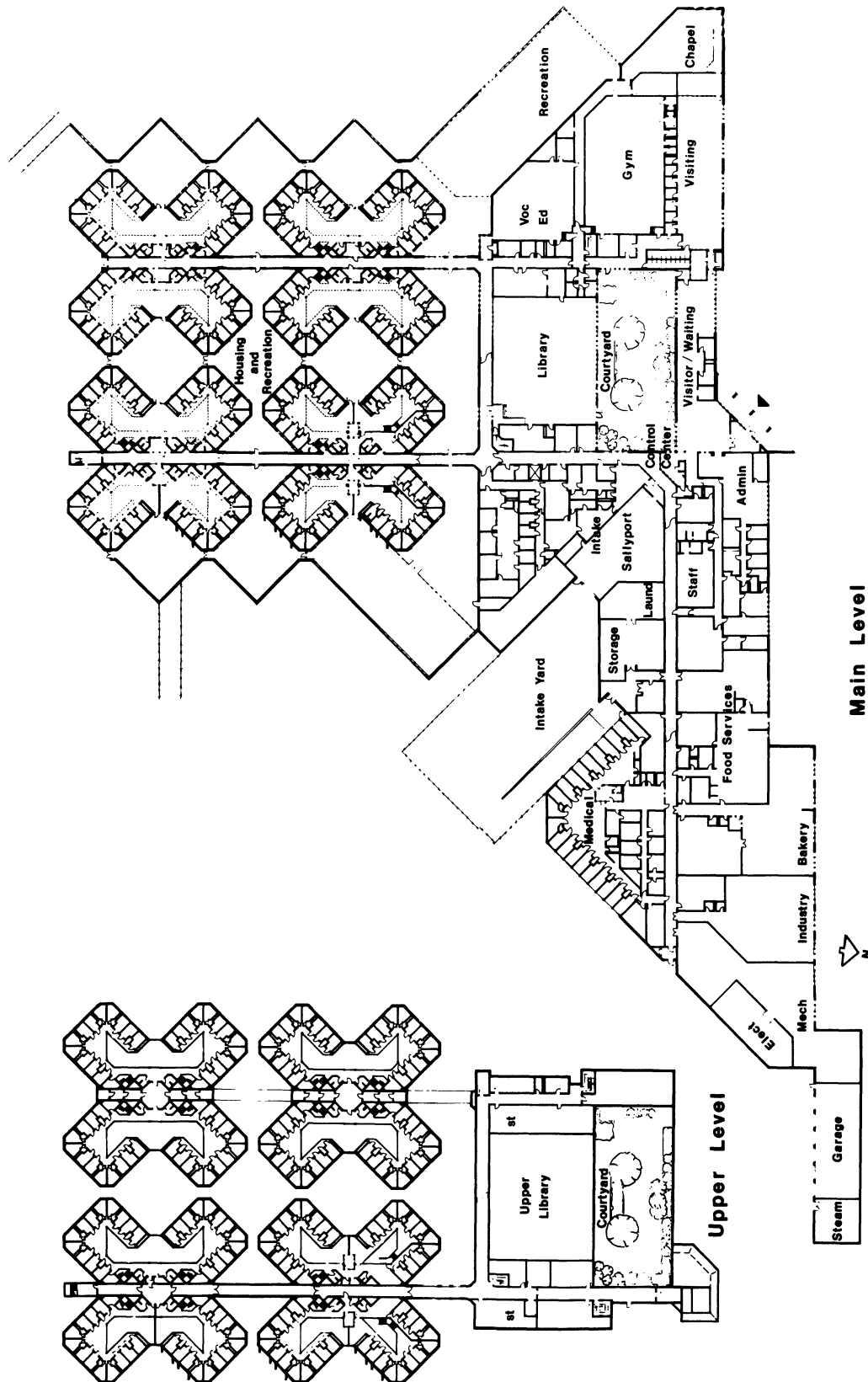
Jurisdiction official: Dennis Gorski, County Executive

**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

<p><b>Groundbreaking:</b> April 1984  <b>Finish date:</b> February 1986  <b>Construction time:</b> 22 months</p>	<p><b>Design capacity:</b> 402  <b>Total cost:</b> \$23,451,711  <b>Total annual operating costs:</b> \$4,987,265</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure; clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 382          Double occupancy: 0          Dorms: 0          Special housing: 20          General population: 382          Total: 402</p> <p><b>Current staff</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction process</b></p> <p>Finance method: State funds          Contract method: Construction management fast track          Use of inmate labor: None          Use of prefabrication: None</p>	<p><b>Architect's reported analyses</b></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>
<p><b>Inmate cells</b></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>		



# Erie County Holding Center (Remodel/Expansion)

Jurisdiction official: Thomas F. Higgins, Sheriff

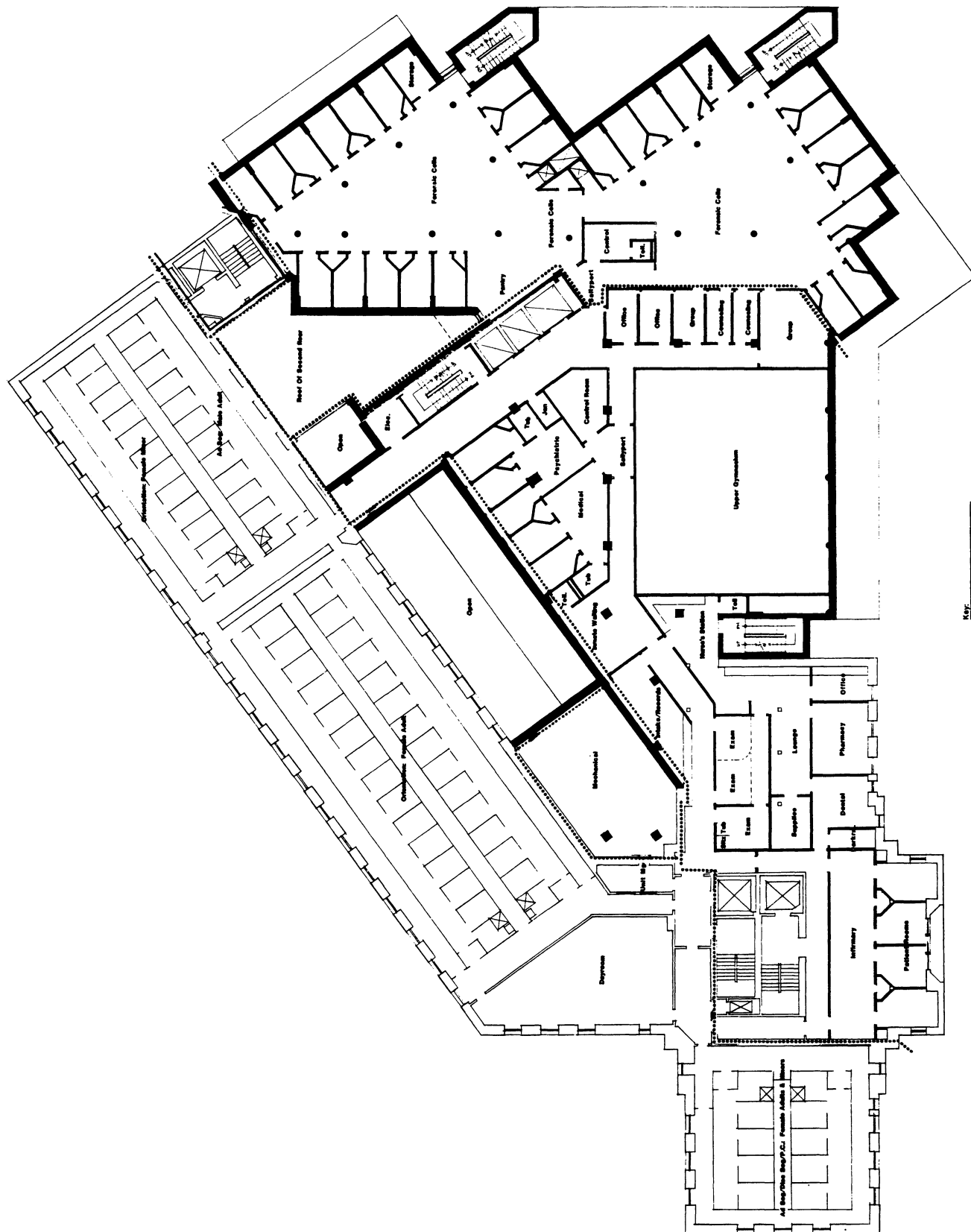
**Contact:** Superintendent Raul Russi, Erie County Holding Center, 40 Delaware, Buffalo, NY 14202, 716-846-7636

**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

<p><b>Groundbreaking:</b> March 1984  <b>Finish date:</b> September 1986  <b>Construction time:</b> 30 months</p>	<p><b>Design capacity:</b> 516  <b>Total cost:</b> \$20,000,000  <b>Total annual operating costs:</b> N/A (expansion)</p>	<p><b>Category:</b> Remodeling/renovation project; expansion project  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure; high rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Video camera surveillance  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 468  Double occupancy: 0  Dorms: 0  Special housing: 48  General population: 468  Total: 516</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: Unknown  Security: Unknown  Programs/treatment: Unknown  Maintenance: Unknown  Total: Unknown  Current inmate/staff ratio: Unknown</p>	<p><b>Architects' reported analyses</b></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>



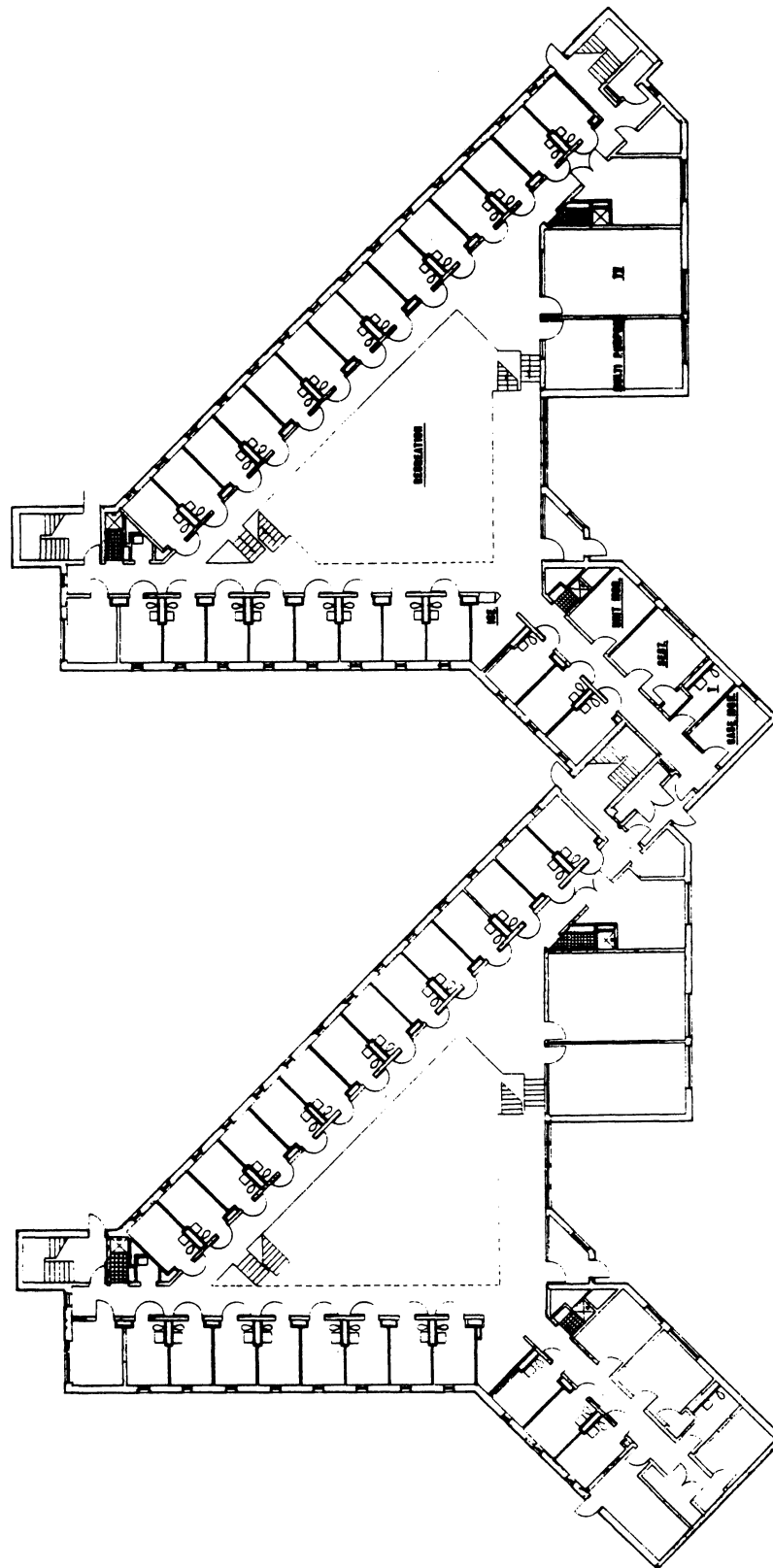
# Federal Correctional Institution

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

<p><b>Groundbreaking:</b> October 1976  <b>Finish date:</b> October 1980  <b>Construction time:</b> 48 months</p>	<p><b>Design capacity:</b> 500  <b>Total cost:</b> \$16,861,964  <b>Total annual operating costs:</b> \$7,712,800</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Federal prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on fence; alarm/detection system; patrols  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 390  Double occupancy: 0  Dorms: 0  Special housing: 110  General population: 390  Total: 500</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architect's reported analyses</b></p> <p>Factors affecting construction costs:  Positive: Unknown  Negative: Unknown</p> <p>Factors affecting time schedule:  Positive: Unknown  Negative: Unknown</p>





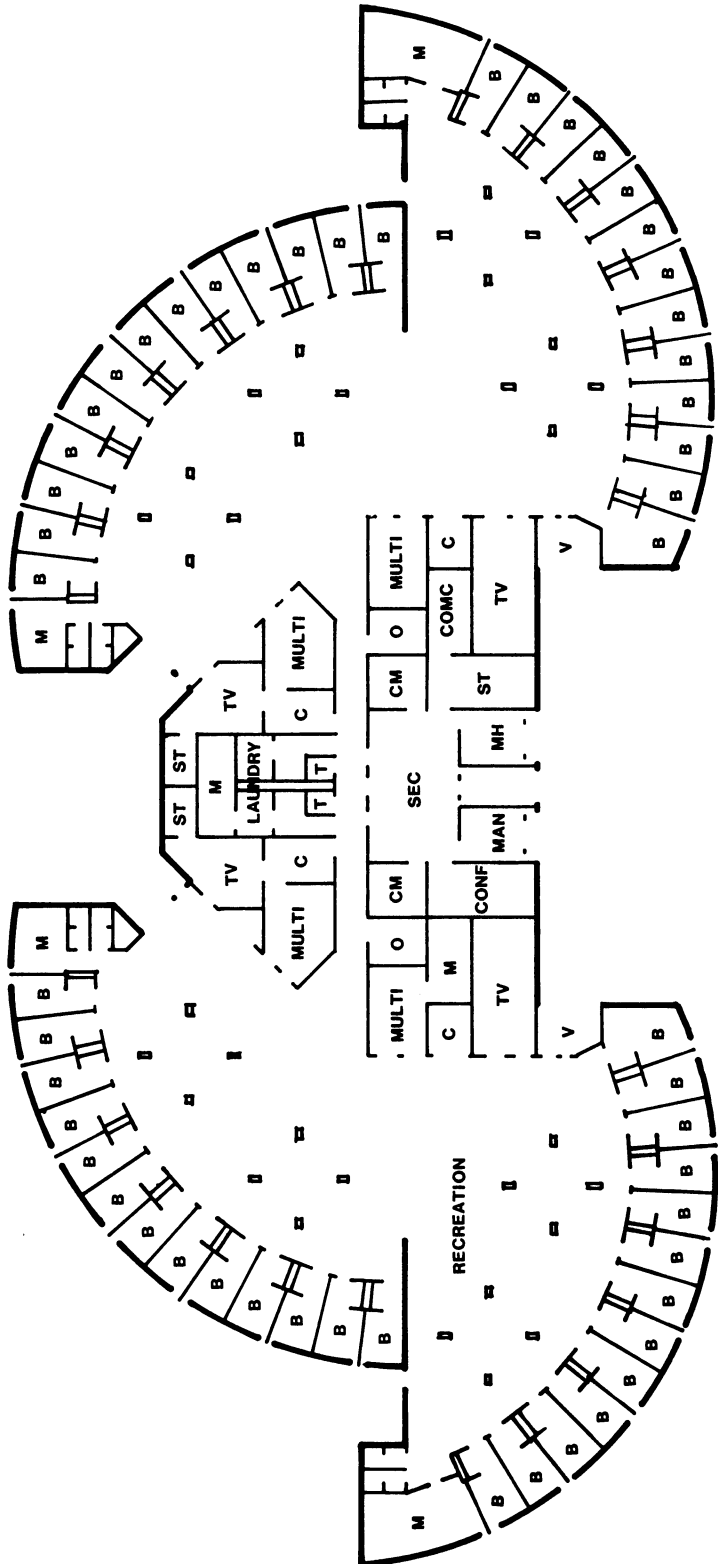
**INMATE HOUSING UNIT    FIRST FLOOR**

# 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

<p><b>Groundbreaking:</b> May 1977  <b>Finish date:</b> December 1980  <b>Construction time:</b> 43 months</p>	<p><b>Design capacity:</b> 534  <b>Total cost:</b> \$21,424,630  <b>Total annual operating costs:</b> \$8,000,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Federal prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></p> <p>Structural: Cast-in-place concrete frame  Exterior walls: Brick  Interior walls: CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 510  Double occupancy: 0  Dorms: 0  Special housing: 24  General population: 510  Total: 534</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> July 1982  <b>Finish date:</b> December 1984  <b>Construction time:</b> 29 months</p>	<p><b>Design capacity:</b> 356  <b>Total cost:</b> \$4,328,172  <b>Total annual operating costs:</b> \$8,770,000</p>	<p><b>Category:</b> Remodel, renovation of psychiatric hospital  <b>Facility type:</b> State forensic treatment center  <b>Building configuration:</b> High rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional; six prime contractors  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Current staff</b></p> <p>Full-time equivalent:  Administration: 58  Security: 160  Programs/treatment: 70  Maintenance: 40  Total: 328  Current inmate/staff ratio: .46:1</p>	<p><b>Architect's reported analyses</b></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>

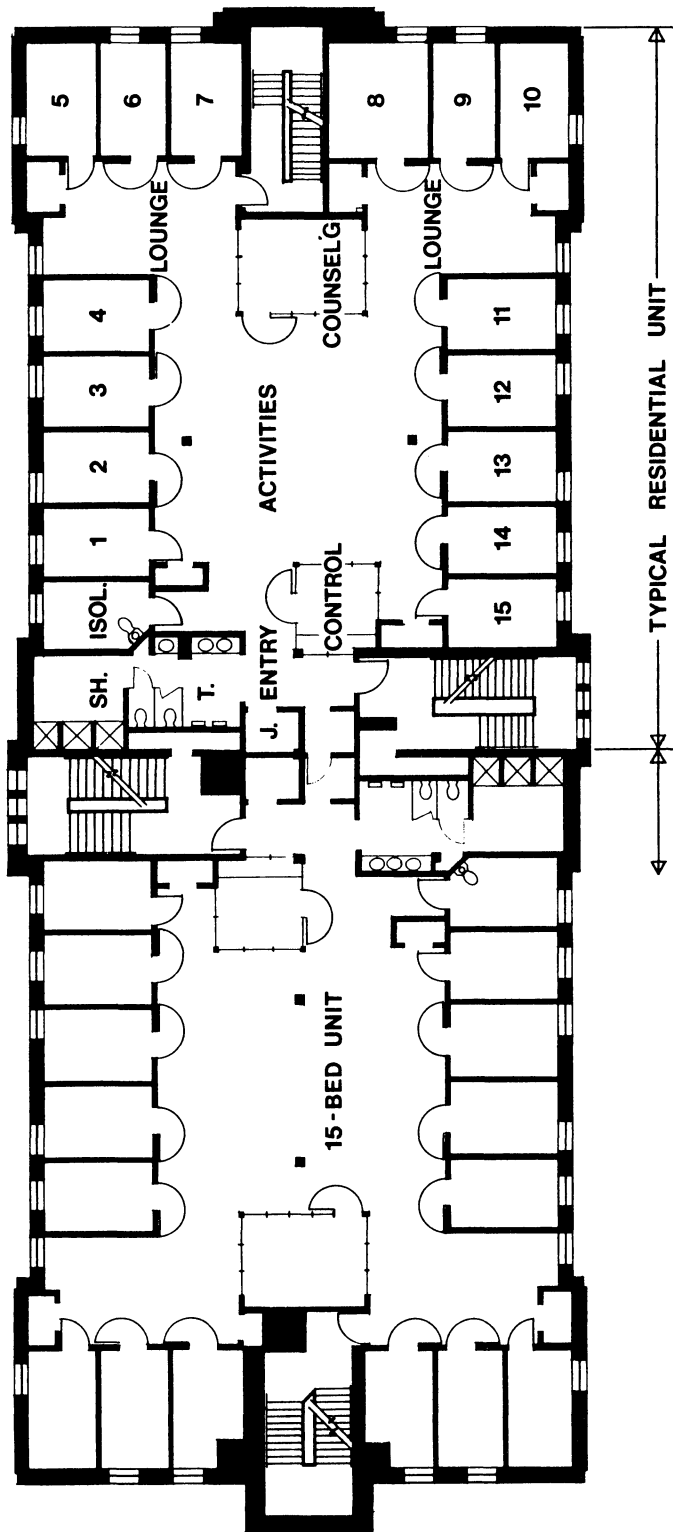
(No floorplan available at time of publication)

# 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><b>Groundbreaking:</b> September 1980  <b>Finish date:</b> June 1983  <b>Construction time:</b> 33 months</p>	<p><b>Design capacity:</b> 68  <b>Total cost:</b> \$2,630,695  <b>Total annual operating costs:</b> N/A (expansion)</p>	<p><b>Category:</b> Remodeling/renovation project; expansion  <b>Facility type:</b> State secure center for youth  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; razor wire on fence; video camera surveillance  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</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><b>Inmate design capacity</b></p> <p>Single occupancy: 60  Double occupancy: 0  Dorms: 0  Special housing: 8  General population: 60  Total: 68</p> <p><b>Current staff</b></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><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Architect's reported analyses</b></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**

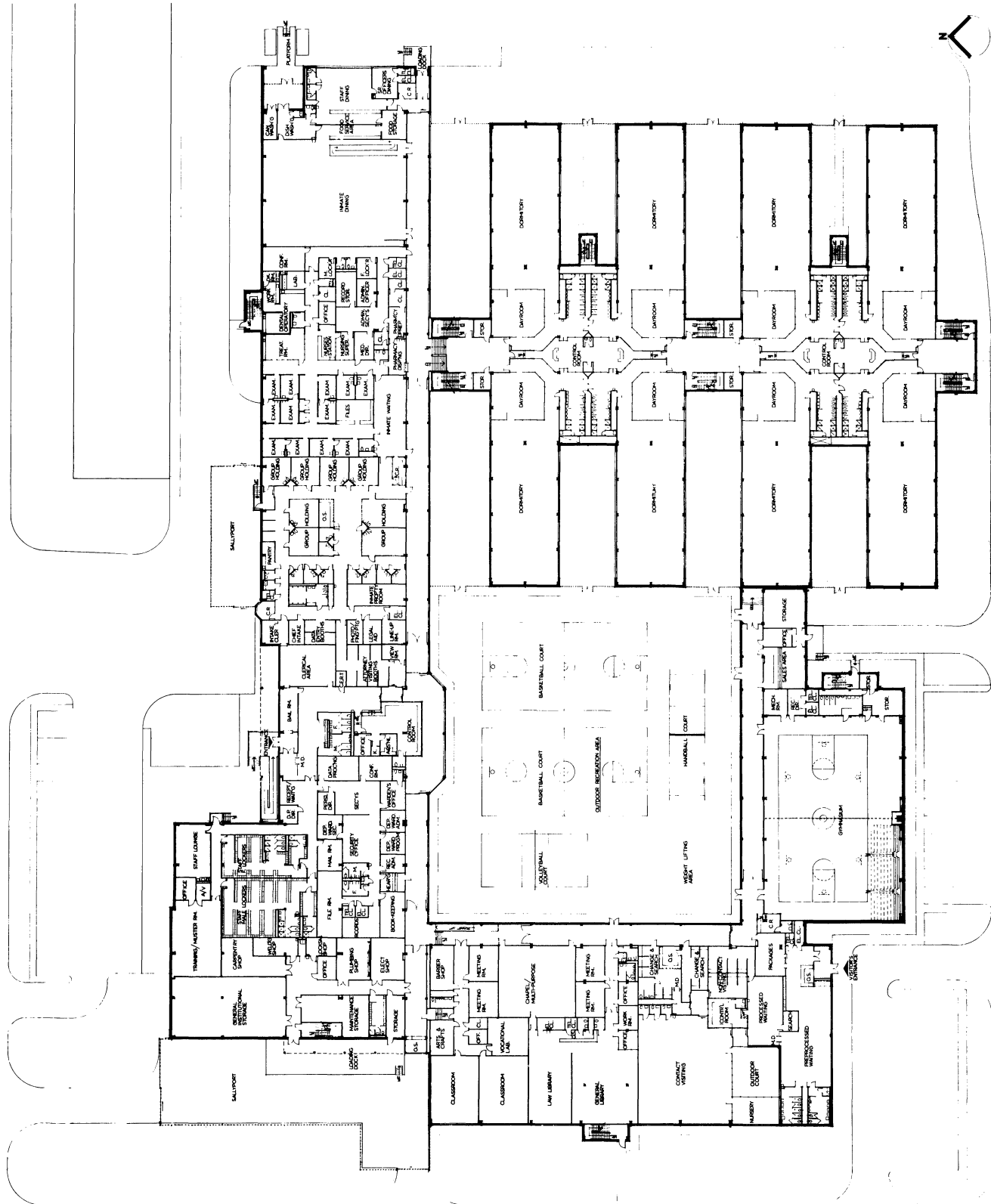
# North Facility

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 & Sput 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

<p><b>Groundbreaking:</b> March 1984  <b>Finish date:</b> April 1985  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 800  <b>Total cost:</b> \$38,840,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> City jail  <b>Building configuration:</b> Telephone pole with courtyard</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on fences  Inmate security level:  Maximum: 0  Medium: 0  Minimum: 100%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Local funds  Contract method: Construction management fast track  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 800  Special housing: 0  General population: 800  Total: 800</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

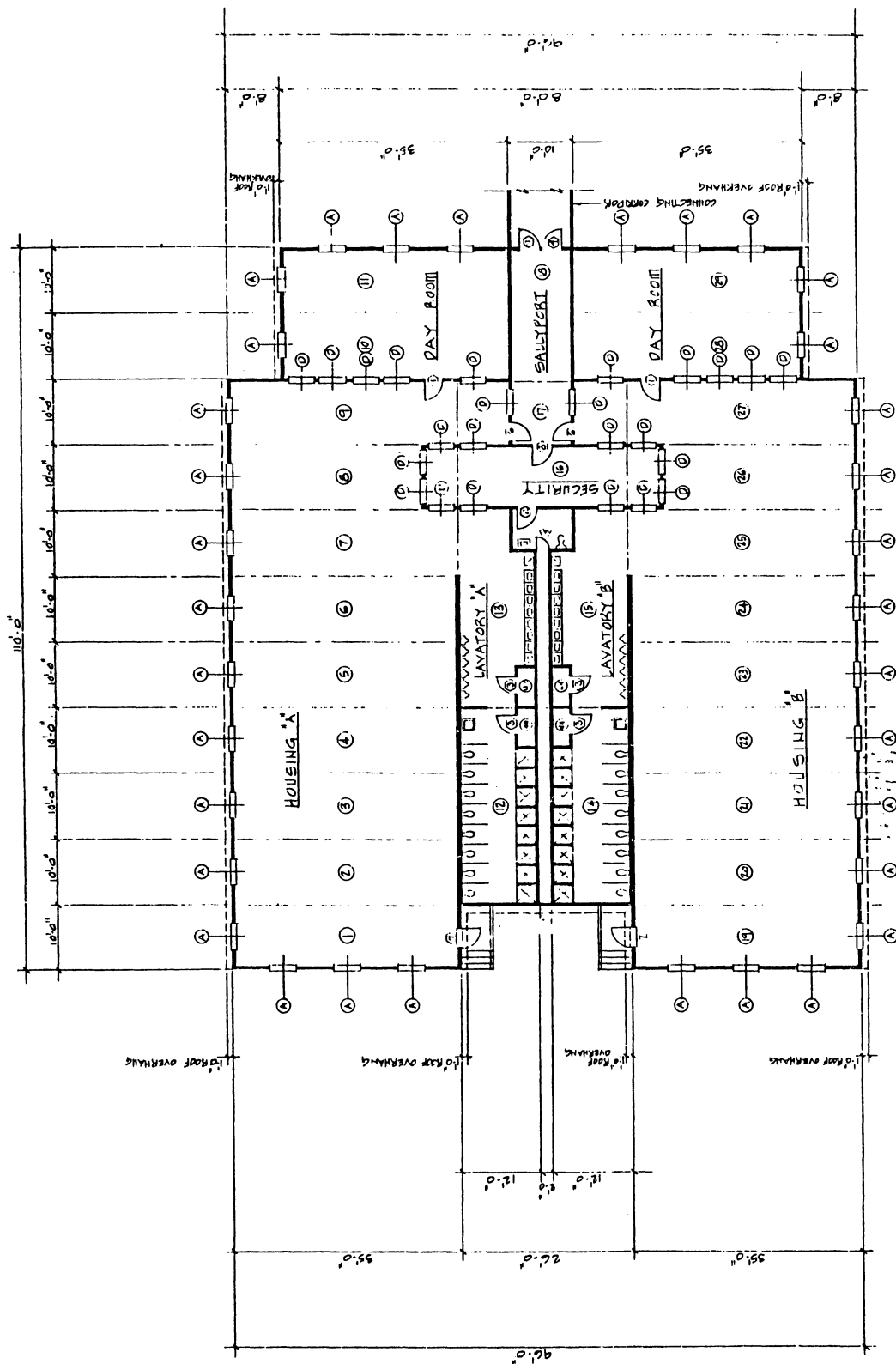
Jurisdiction official: Richard J. Koehler, Commissioner, New York City Department of Corrections

**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

<p><b>Groundbreaking:</b> March 1985  <b>Finish date:</b> July 1985  <b>Construction time:</b> 4 months</p>	<p><b>Design capacity:</b> 1,900  <b>Total cost:</b> \$32,609,440  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> City jail  <b>Building configuration:</b> Clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on fences; patrols  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Wood trusses  Exterior walls: Wood framed  Interior walls: Wood framed  Exterior surface/facade: Aluminum siding</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 1,900  Special housing: 0  General population: 1,900  Total: 1,900</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

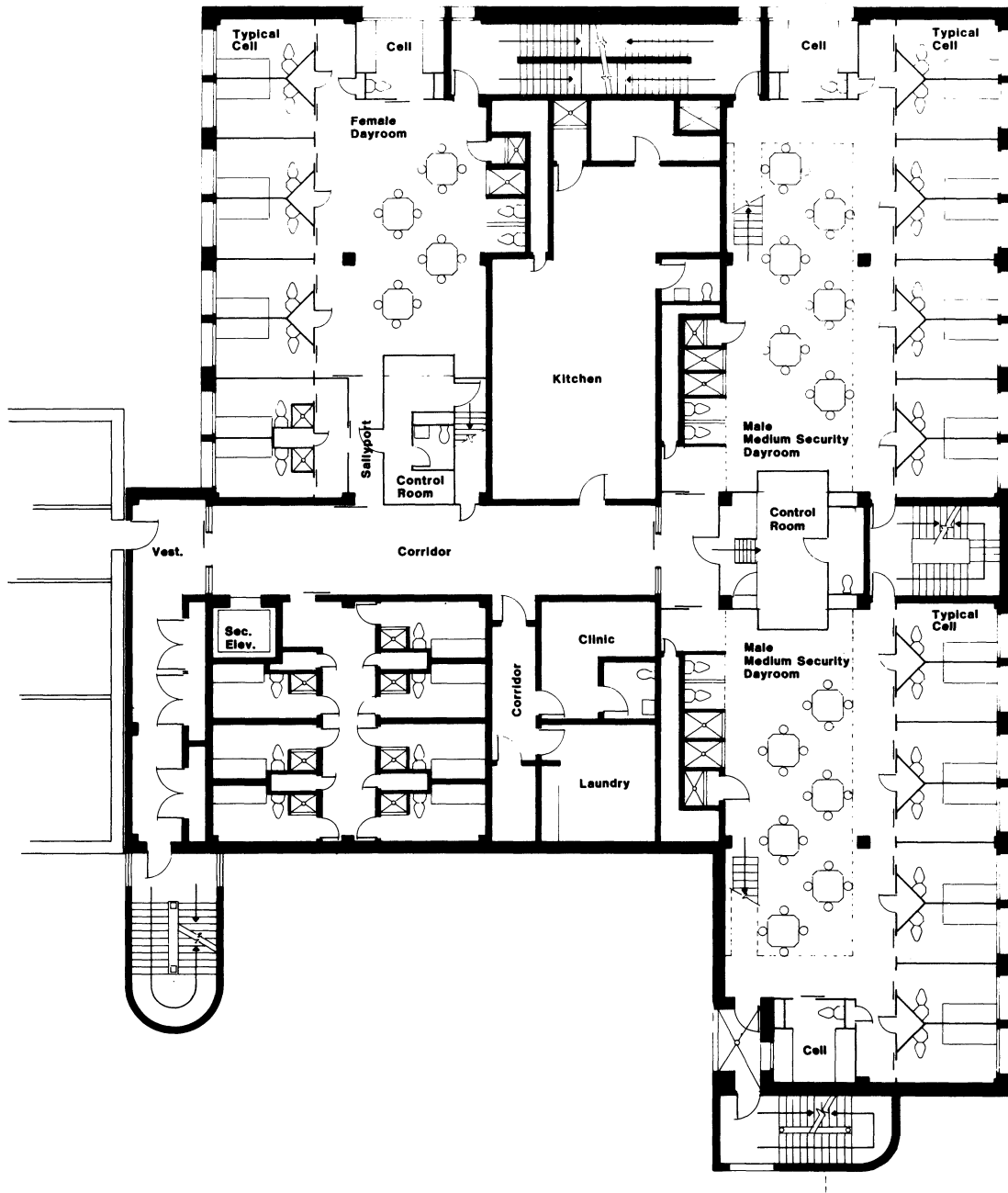
Jurisdiction official: Pete Bland, Sheriff

**Contact:** Captain Ed Weigl, Jail Administrator, Craven County Law Enforcement Center, New Bern, NC 28560, 919-636-6619

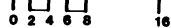
**Architect:** J.N. Pease Associates, P.O. Box 18725, Charlotte, NC 28218, 704-376-6423

**Construction manager:** None

<p><b>Groundbreaking:</b> February 1982  <b>Finish date:</b> March 1984  <b>Construction time:</b> 24 months</p>	<p><b>Design capacity:</b> 78  <b>Total cost:</b> \$3,500,000  <b>Total annual operating costs:</b> \$581,205</p>	<p><b>Category:</b> New independent facility  <b>Facility type:</b> Complex: county jail, law enforcement  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only          Inmate security level:              Maximum: 100%              Medium: 0              Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Revenue sharing          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 78          Double occupancy: 0          Dorms: 0          Special housing: 0          General population: 78          Total: 78</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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          Negative: Complex electronic, mechanical, and electrical systems</p>



Second Level Plan

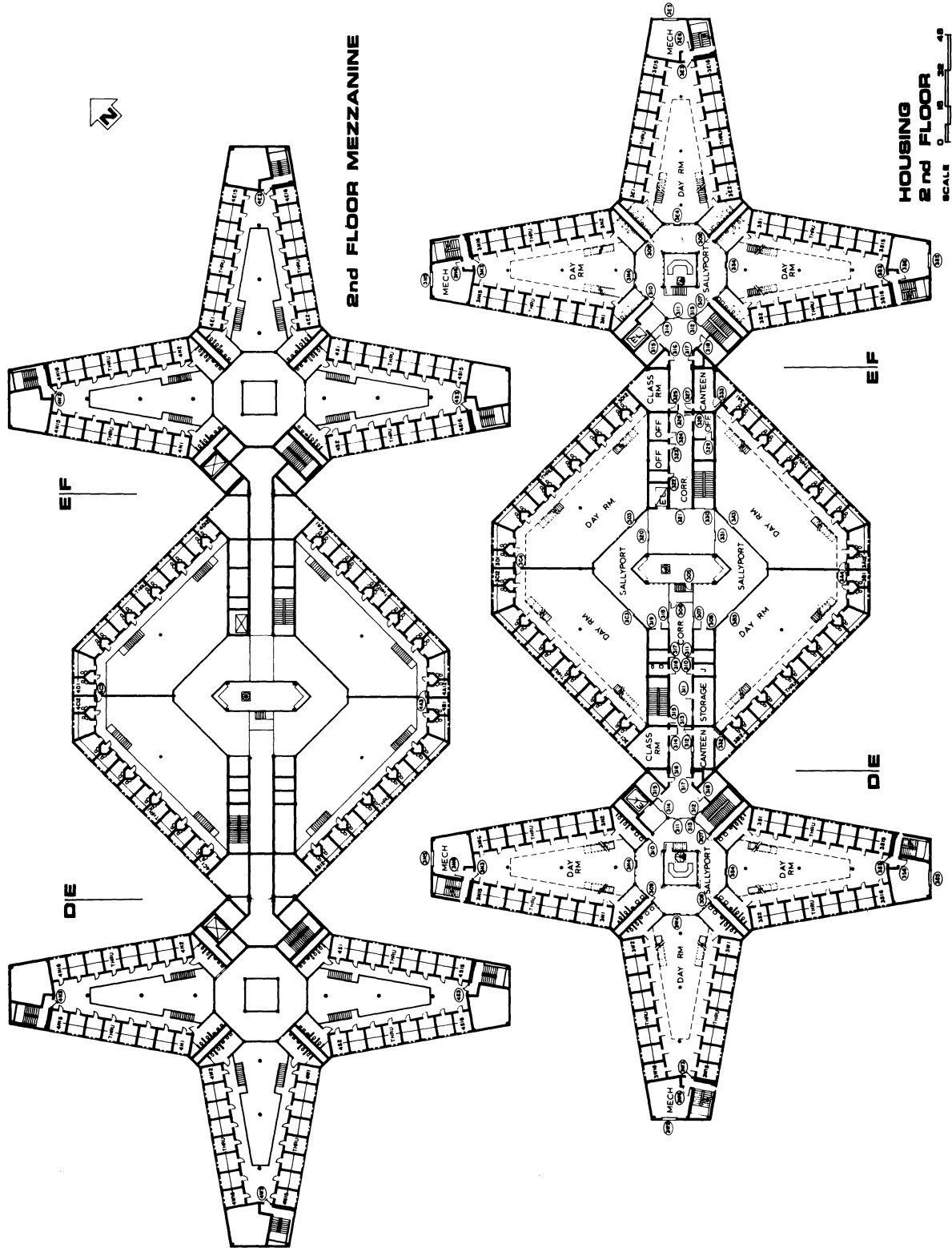


# Eastern Correctional Center

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

<p><b>Groundbreaking:</b> December 1980  <b>Finish date:</b> February 1983  <b>Construction time:</b> 26 months</p>	<p><b>Design capacity:</b> 488  <b>Total cost:</b> \$16,582,143  <b>Total annual operating costs:</b> \$7,155,702</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on fence; towers  Inmate security level:  Maximum: 20%  Medium: 80%  Minimum: 0</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 480  Double occupancy: 0  Dorms: 0  Special housing: 8  General population: 480  Total: 488</p> <p><b>Current staff</b></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><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Architect's reported analyses</b></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

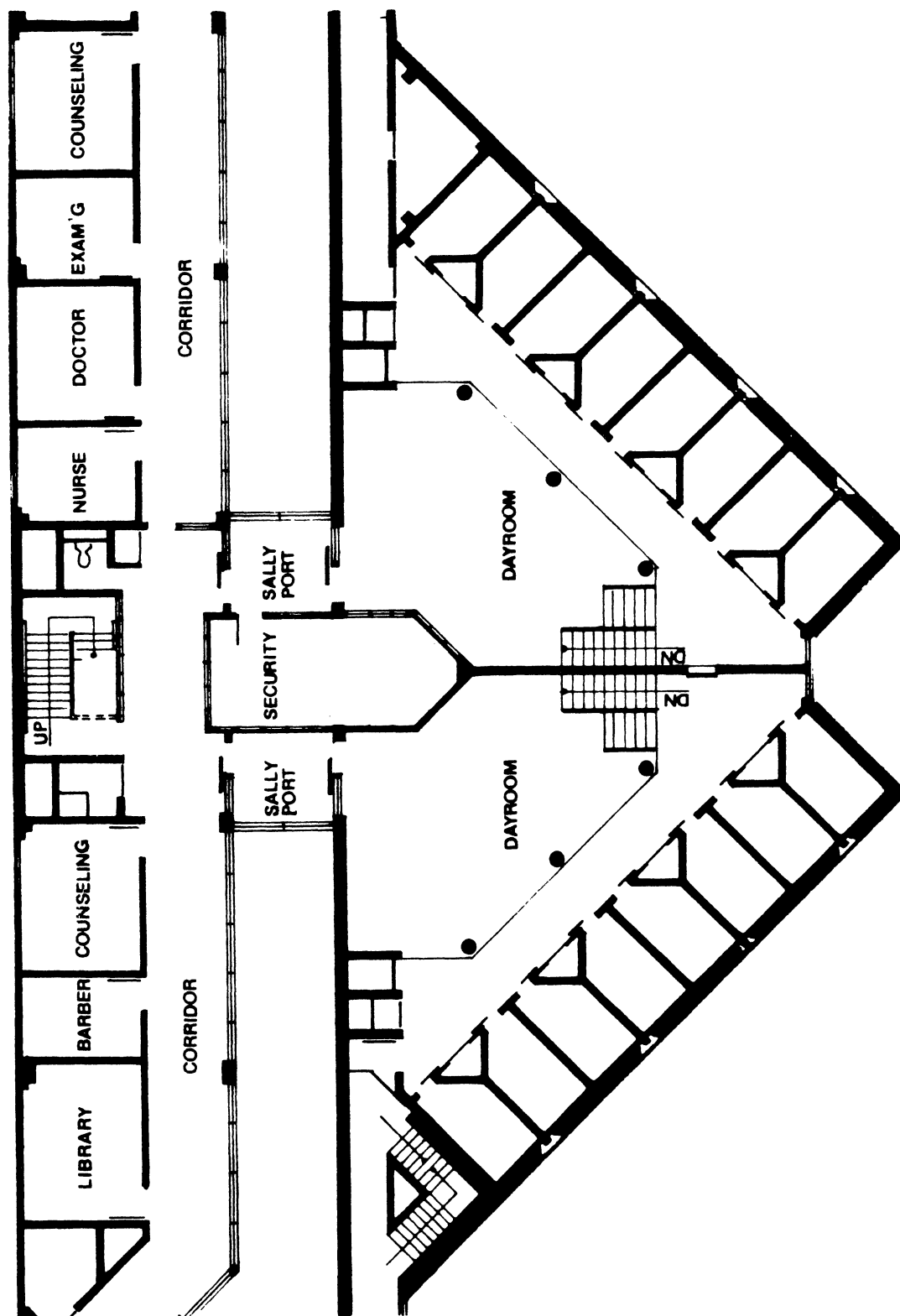
**Architects:** J.N. Pease Associates, P.O. Box 18725, Charlotte, NC 28218, 704-376-6423

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

<p><b>Groundbreaking:</b> November 1978  <b>Finish date:</b> April 1982  <b>Construction time:</b> 41 months</p>	<p><b>Design capacity:</b> 588  <b>Total cost:</b> \$35,000,000  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Wings connecting housing pods</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on fence; towers  Inmate security level:  Maximum: 75%  Medium: 25%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 588  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 588  Total: 588</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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

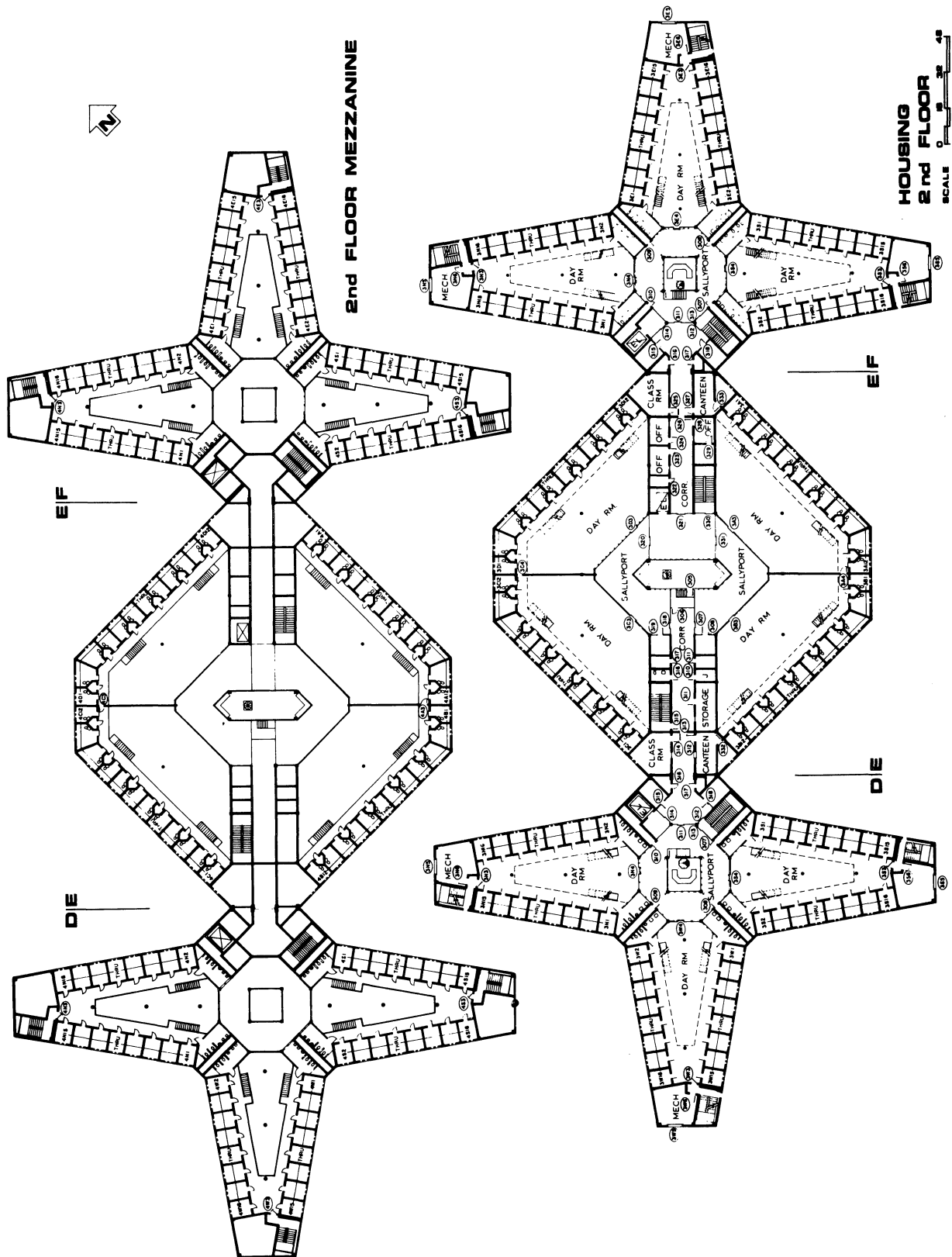
Jurisdiction official: Aaron J. Johnson, Secretary, Department of Correction

**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><b>Groundbreaking:</b> December 1980  <b>Finish date:</b> March 1983  <b>Construction time:</b> 27 months</p>	<p><b>Design capacity:</b> 488  <b>Total cost:</b> \$15,799,176  <b>Total annual operating costs:</b> \$6,952,667</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on fence; towers  Inmate security level:  Maximum: 20%  Medium: 80%  Minimum: 0</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 480  Double occupancy: 0  Dorms: 0  Special housing: 8  General population: 480  Total: 488</p> <p><b>Current staff</b></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><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> November 1977  <b>Finish date:</b> January 1979  <b>Construction time:</b> 14 months</p>	<p><b>Design capacity:</b> 74  <b>Total cost:</b> \$4,100,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, courts  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 39%  Medium: 11%  Minimum: 39% (+ 11% work release)</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 74  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 74  Total: 74</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

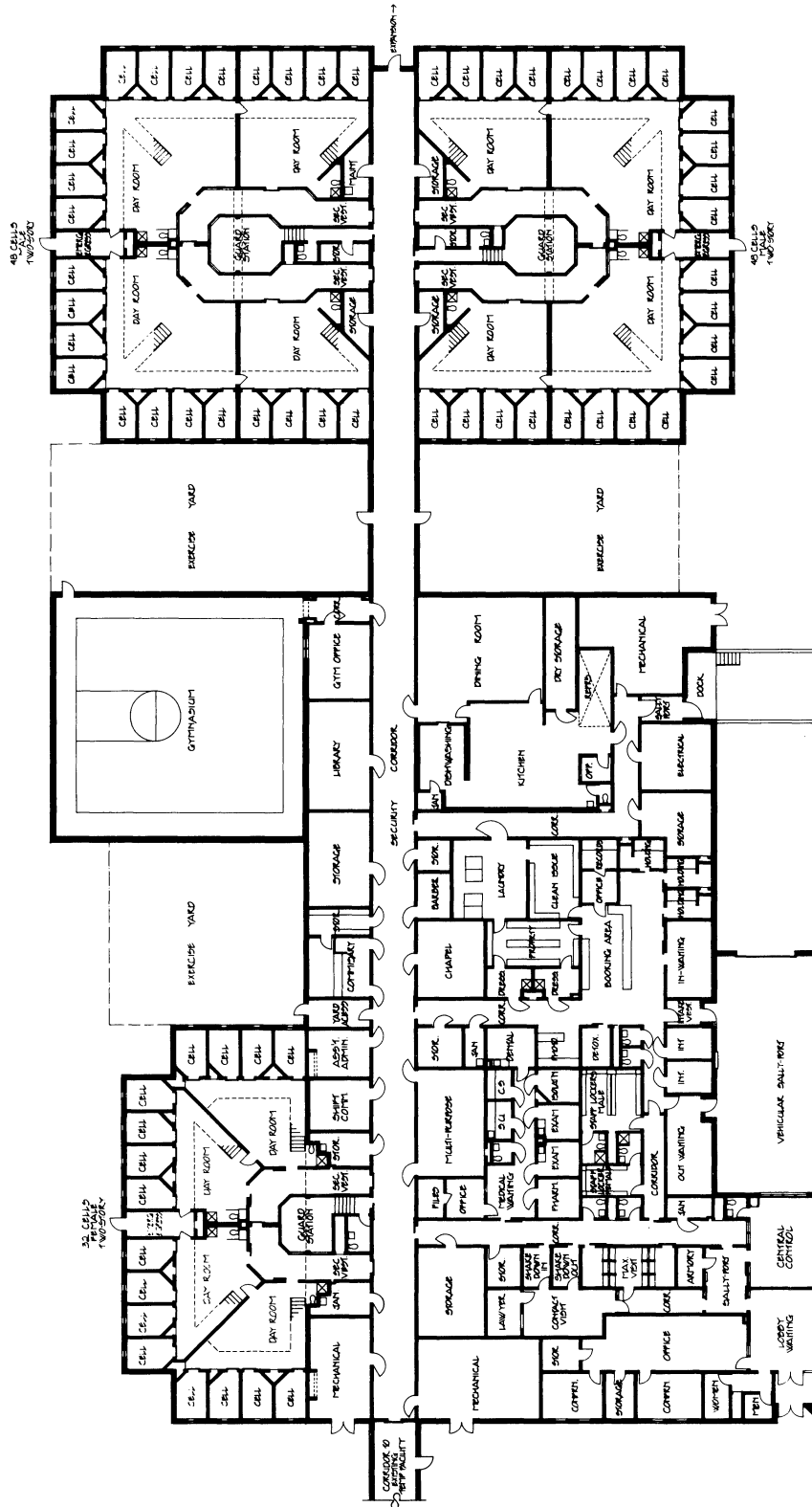
Jurisdiction official: John Van Camp, Sheriff

**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

<p><b>Groundbreaking:</b> August 1984  <b>Finish date:</b> February 1986  <b>Construction time:</b> 18 months</p>	<p><b>Design capacity:</b> 133  <b>Total cost:</b> \$5,980,000  <b>Total annual operating costs:</b> \$1,891,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></p> <p>Design: Module/pod          Cells per unit: 48          Inmates per unit: 48  <b>Management type:</b> 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><b>Security</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 128          Double occupancy: 0          Dorms: 0          Special housing: 5          General population: 128          Total: 133</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architect's reported analyses</b></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

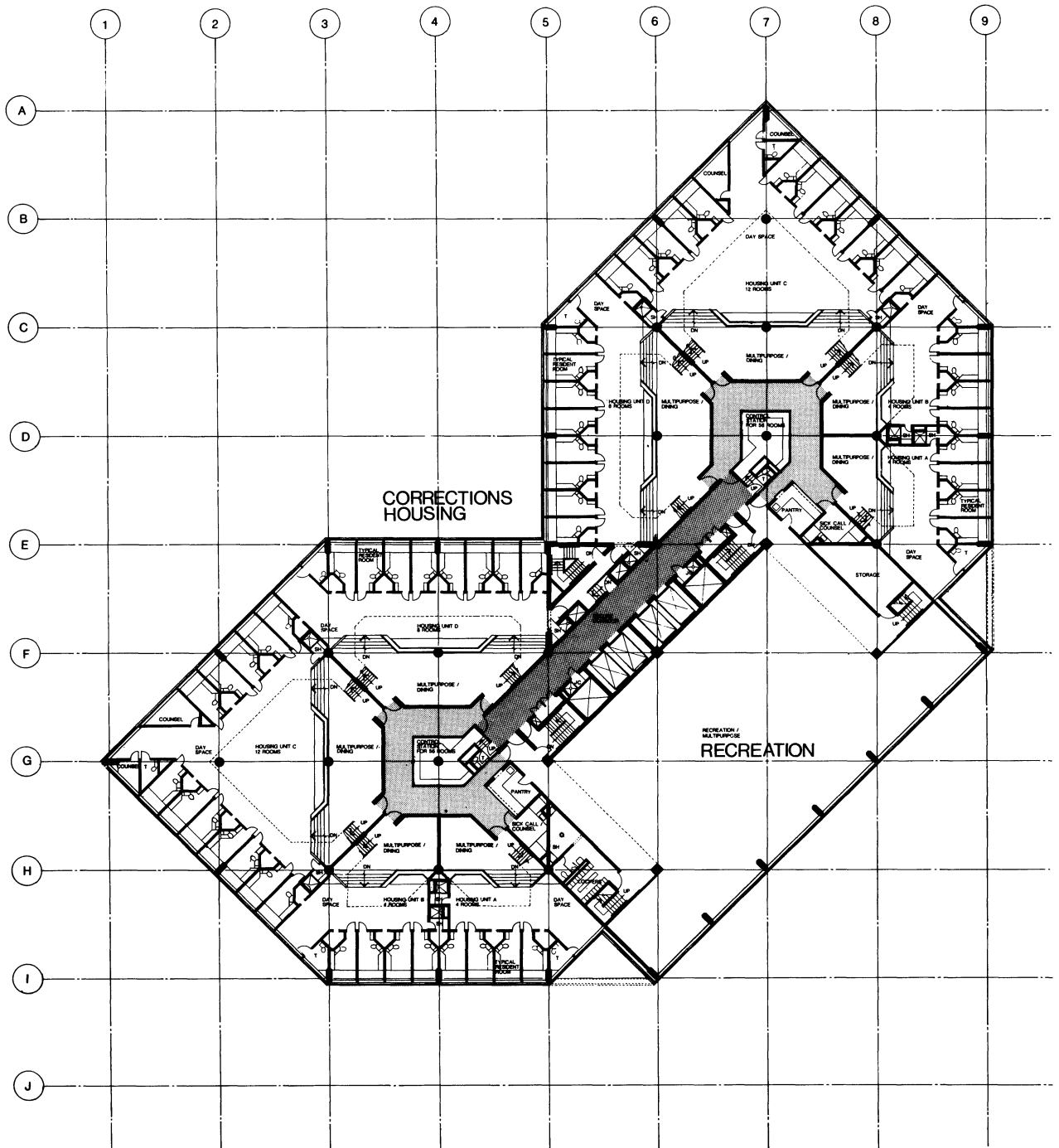
**Associated architects:** Glaser & Myers, Inc., Champlin/Haupt, Inc., 2753 Erie Avenue, Cincinnati, OH 45208, 513-891-9111

**Consulting architect:** The Gruzen Partnership, 1700 Broadway, New York, NY 10019, 212-840-3940

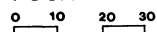
**Construction manager:** None

<p><b>Groundbreaking:</b> June 1982  <b>Finish date:</b> May 1985  <b>Construction time:</b> 36 months</p>	<p><b>Design capacity:</b> 848  <b>Total cost:</b> \$50,000,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, courts  <b>Building configuration:</b> High rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 776          Double occupancy: 0          Dorms: 0          Special housing: 72          General population: 776          Total: 848</p> <p><b>Current staff</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only          Inmate security level:              Maximum: 14%              Medium: 86%              Minimum: 0</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds; local funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>	<p><b>Architects' reported analyses</b></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>
<p><b>Inmate cells</b></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>		





FOURTH FLOOR PLAN



# Logan County Jail and Office Complex

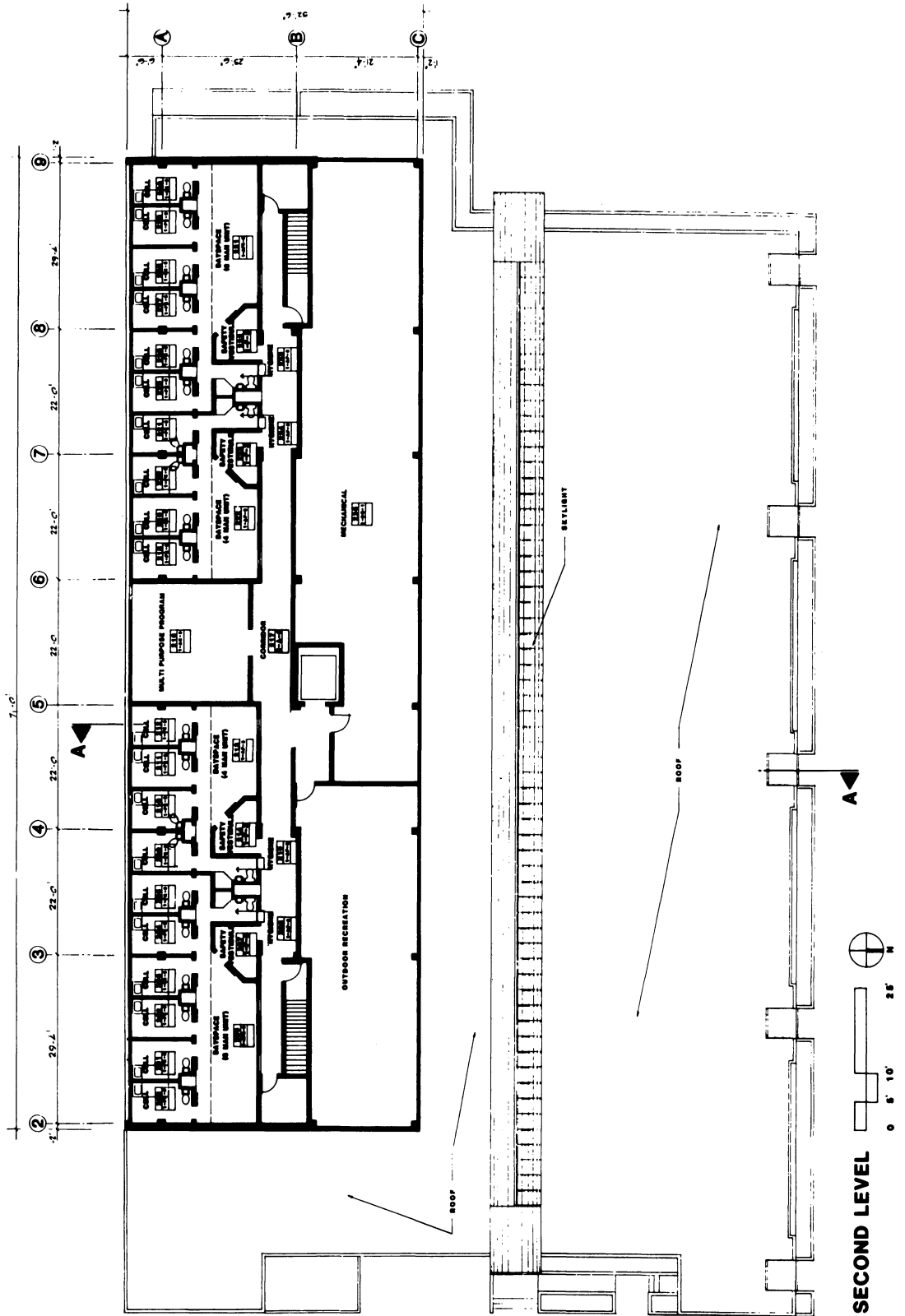
Jurisdiction official: Michael E. Henry, Sheriff

**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><b>Groundbreaking:</b> February 1982  <b>Finish date:</b> April 1983  <b>Construction time:</b> 14 months</p>	<p><b>Design capacity:</b> 27  <b>Total cost:</b> \$2,835,248  <b>Total annual operating costs:</b> \$570,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement, courts, county offices  <b>Building configuration:</b> Integrated structure; courtyard</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Patrols; video camera surveillance  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Moderate</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 24  Double occupancy: 0  Dorms: 0  Special housing: 3  General population: 24  Total: 27</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: 2  Security: 16  Programs/treatment: 2  Maintenance: 4  Total: 24  Current inmate/staff ratio: .88:1</p>	<p><b>Architect's reported analyses</b></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>



# Madison Correctional Institution

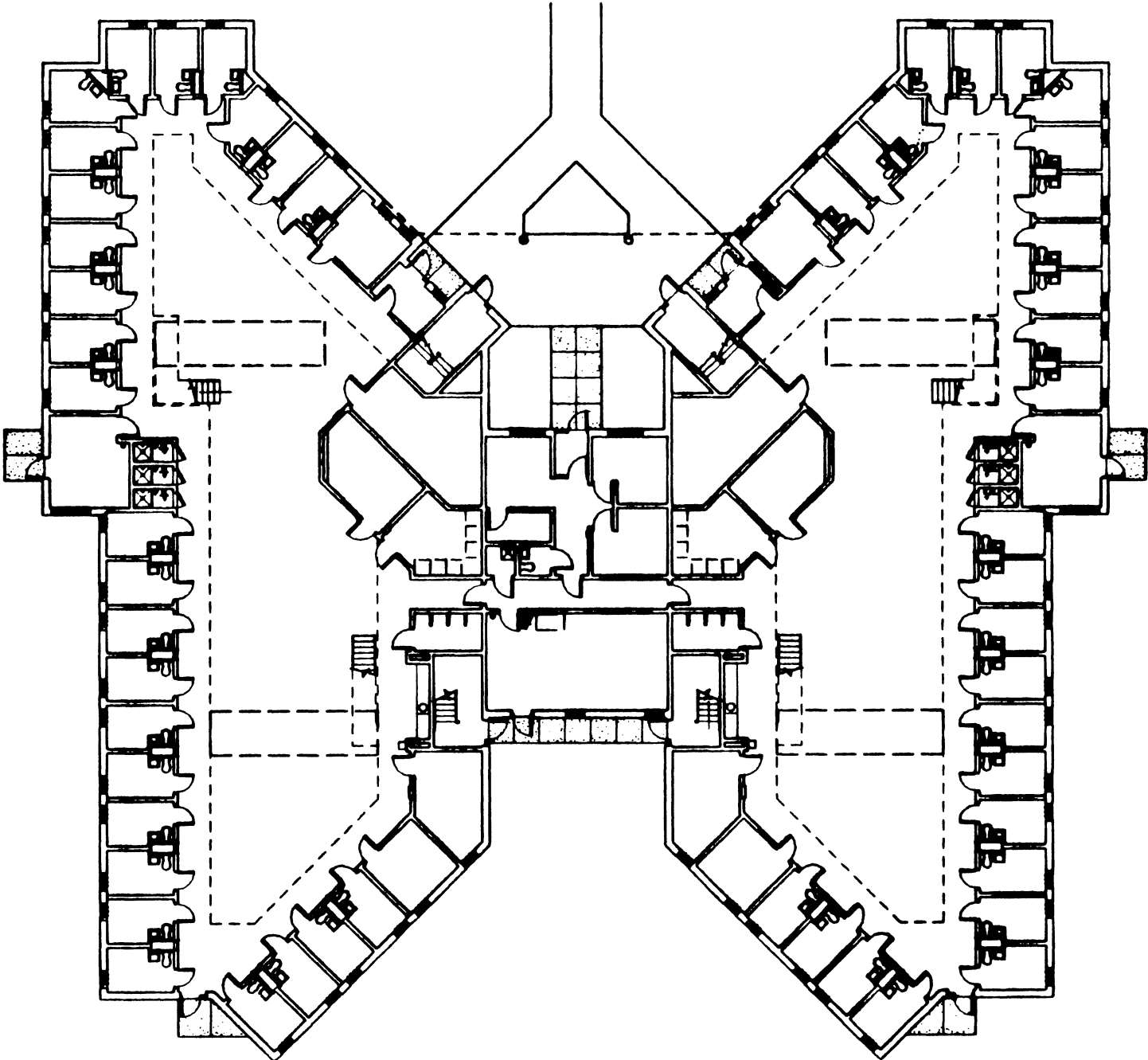
Jurisdiction official: Richard P. Seiter, Director, Department of Rehabilitation and Correction

**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

<p><b>Groundbreaking:</b> May 1985  <b>Finish date:</b> November 1987  <b>Construction time:</b> 30 months</p>	<p><b>Design capacity:</b> 1,034  <b>Total cost:</b> \$42,000,000  <b>Total annual operating costs:</b> \$9,970,333</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Construction management fast track  Use of inmate labor: None  Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 504  Double occupancy: 0  Dorms: 496  Special housing: 34  General population: 1,000  Total: 1,034</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

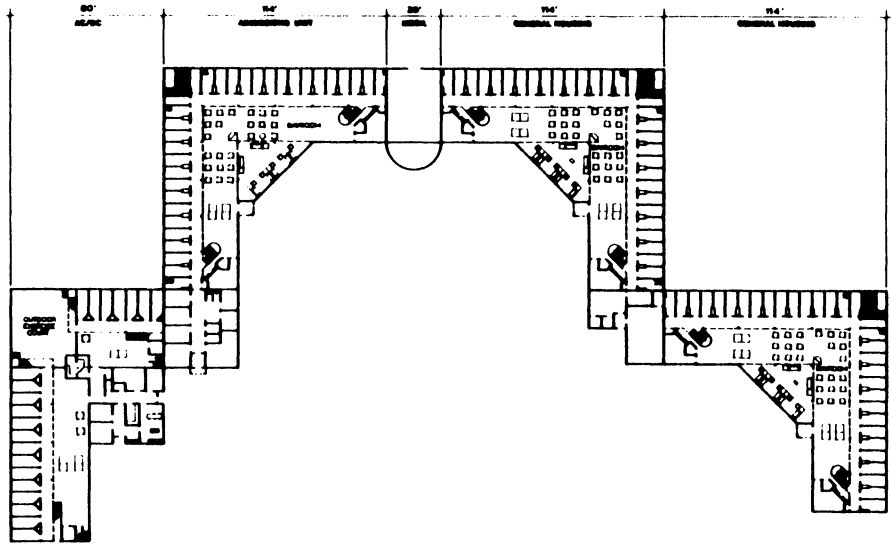
Jurisdiction official: Richard P. Seiter, Director, Department of Rehabilitation and Correction

**Contact:** Superintendent Dorothy M. Arn, Ohio Reformatory for Women, 1479 Collins Avenue, Marysville, OH 43040, 513-642-1065

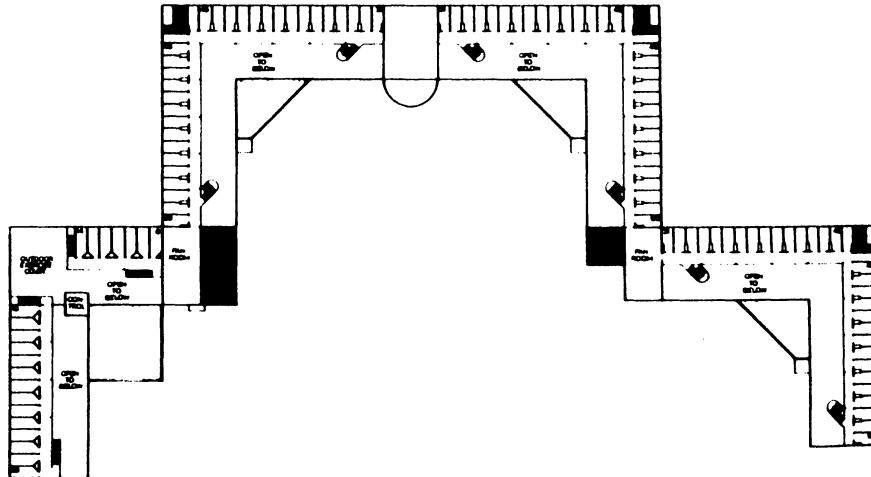
**Architect:** Moody/Nolan Ltd., 1780 East Broad Street, Columbus, OH 43203, 614-253-2623

**Construction manager:** None

<p><b>Groundbreaking:</b> November 1984  <b>Finish date:</b> November 1986  <b>Construction time:</b> 24 months</p>	<p><b>Design capacity:</b> 402  <b>Total cost:</b> \$5,650,000  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison (women's facility)  <b>Building configuration:</b> Integrated structure; courtyard</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; patrols  Inmate security level:  Maximum: 20%  Medium 80%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Precast concrete frame  Exterior walls: Brick; stone  Interior walls: CMU block  Exterior surface/facade: Brick; stone</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 360  Dorms: 0  Special housing: 42  General population: 360  Total: 402</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

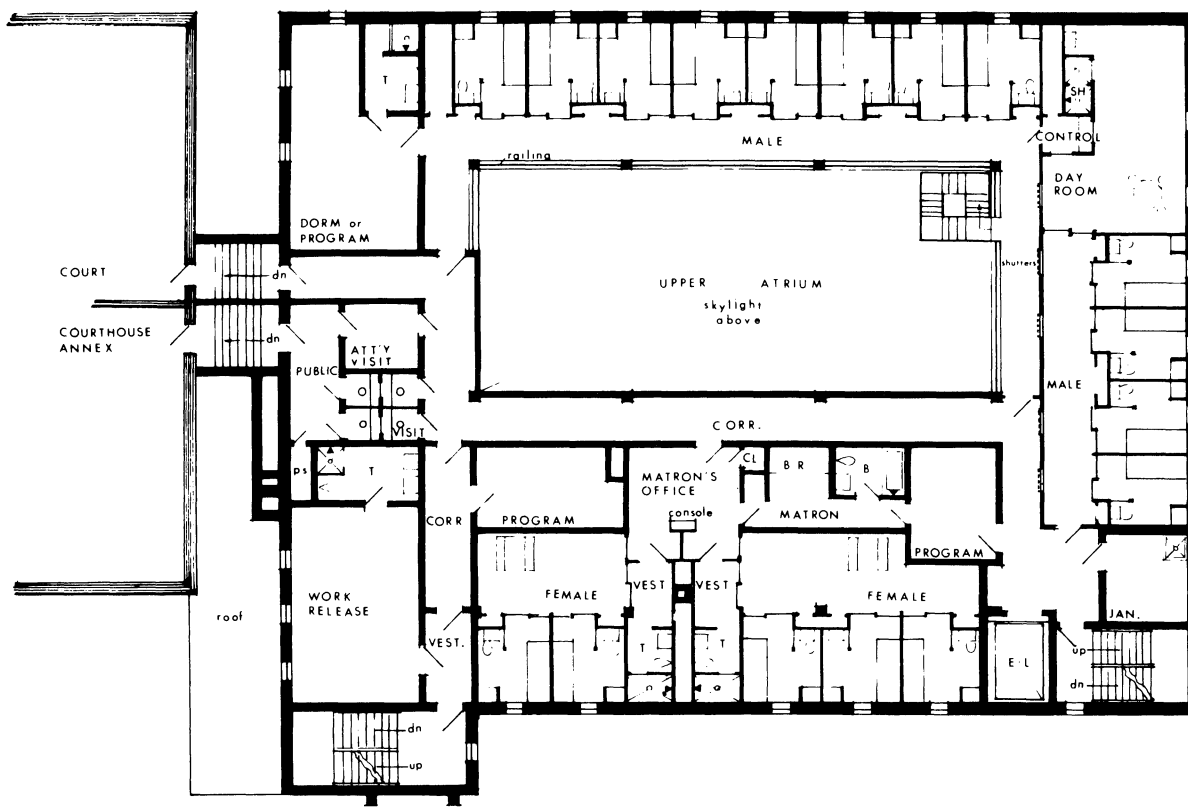
**Contact:** Martin Gosses, Jail Administrator, Ottawa County Detention Facility, Port Clinton, OH 43452, 419-734-4404

**Architect:** Geary, Moore and Ahrens, Inc., 672 East Royalton Road, Cleveland, OH 44147, 216-526-0672

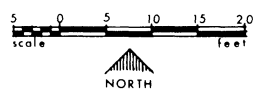
**Construction manager:** None

<p><b>Groundbreaking:</b> August 1979  <b>Finish date:</b> April 1981  <b>Construction time:</b> 20 months</p>	<p><b>Design capacity:</b> 41  <b>Total cost:</b> \$2,671,461  <b>Total annual operating costs:</b> \$500,000 (excl. utilities)</p>	<p><b>Category:</b> New, independent facility; phased project (future)  <b>Facility type:</b> Complex: county jail, law enforcement, courts  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 28          Double occupancy: 0          Dorms: 8          Special housing: 5          General population: 36          Total: 41</p> <p><b>Current staff</b></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><b>Construction process</b></p> <p>Finance method: Local funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Architect's reported analyses</b></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\*

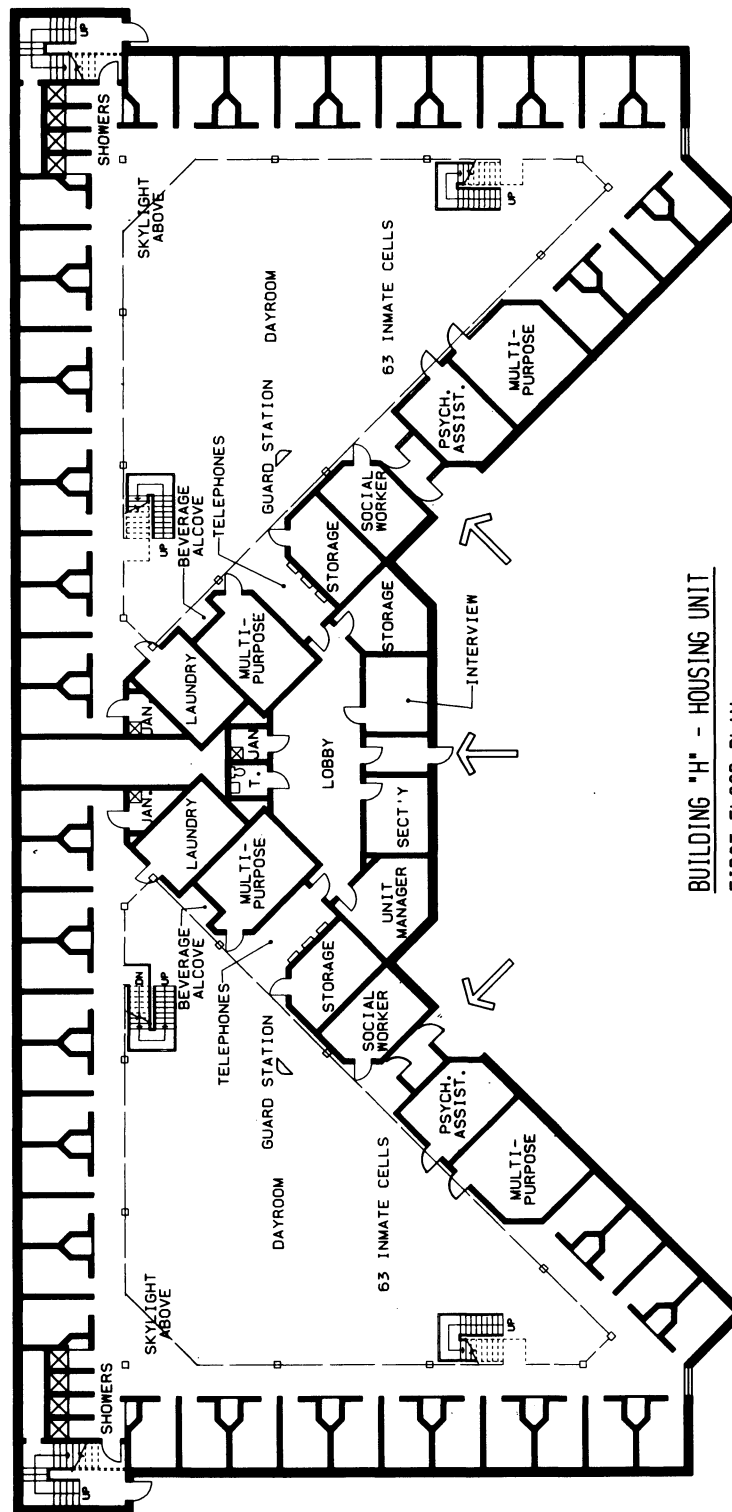
Jurisdiction official: Richard P. Seiter, Director, Department of Rehabilitation and Correction

**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><b>Groundbreaking:</b> September 1985  <b>Finish date:</b> May 1987  <b>Construction time:</b> 21 months</p>	<p><b>Design capacity:</b> 1,274  <b>Total cost:</b> \$53,012,000  <b>Total annual operating costs:</b> \$23,178,800</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Moderate; precast components</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 1,024  Double occupancy: 0  Dorms: 250  Special housing: 0  General population: 1,274  Total: 1,274</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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 NIJ, 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

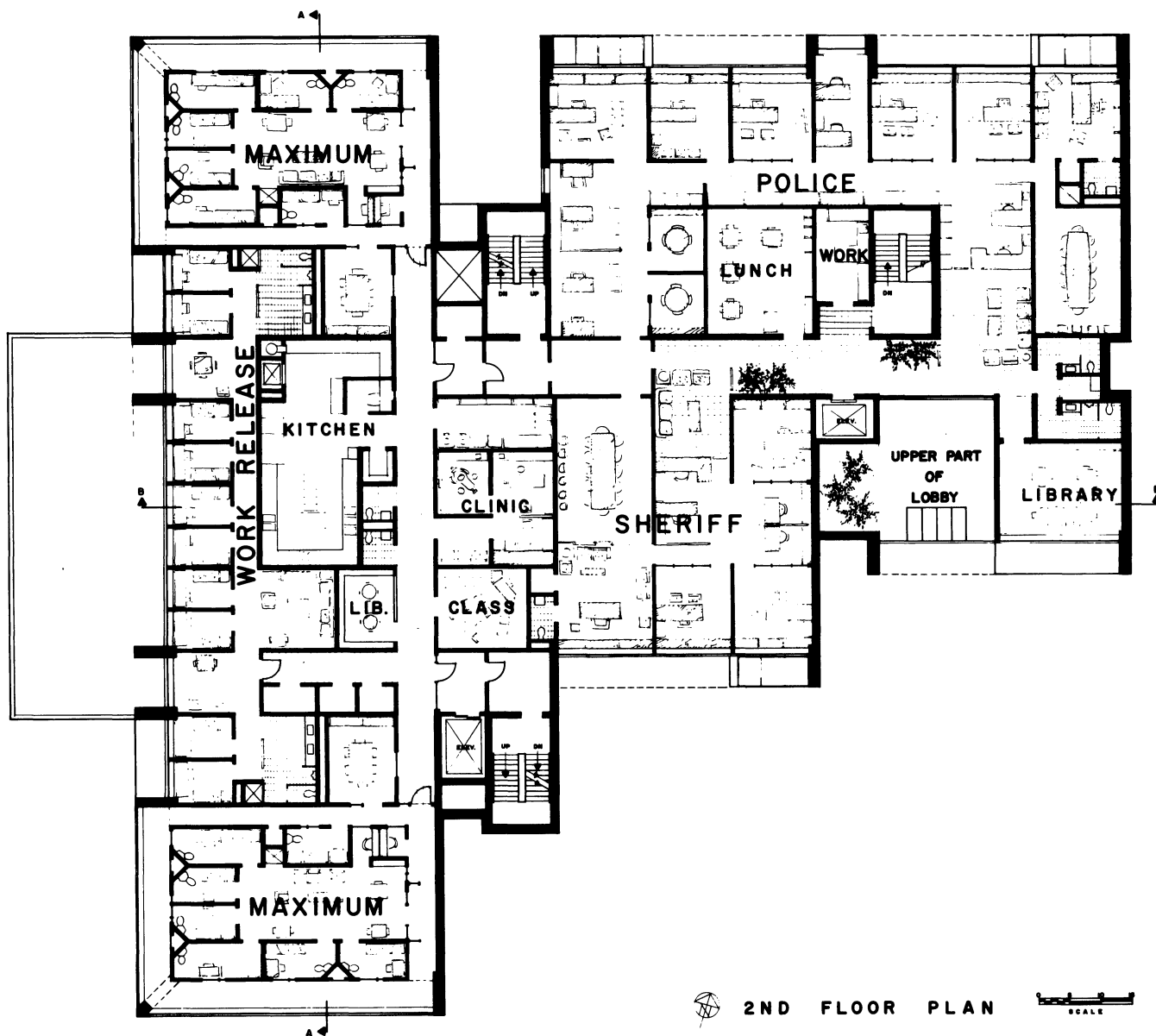
Jurisdiction official: Loran D. Alexander, Sheriff

**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><b>Groundbreaking:</b> November 1977  <b>Finish date:</b> November 1978  <b>Construction time:</b> 12 months</p>	<p><b>Design capacity:</b> 78  <b>Total cost:</b> \$3,000,000  <b>Total annual operating costs:</b> \$924,565</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only          Inmate security level:              Maximum: 16%              Medium: 41%              Minimum: 22% (+ 21% work release and holding)</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame          Exterior walls: CMU block; brick          Interior walls: CMU block          Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: Revenue sharing; other Federal funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 72          Double occupancy: 0          Dorms: 0          Other: 6          Special housing: 0          General population: 78          Total: 78</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



# Cleveland County Detention Center

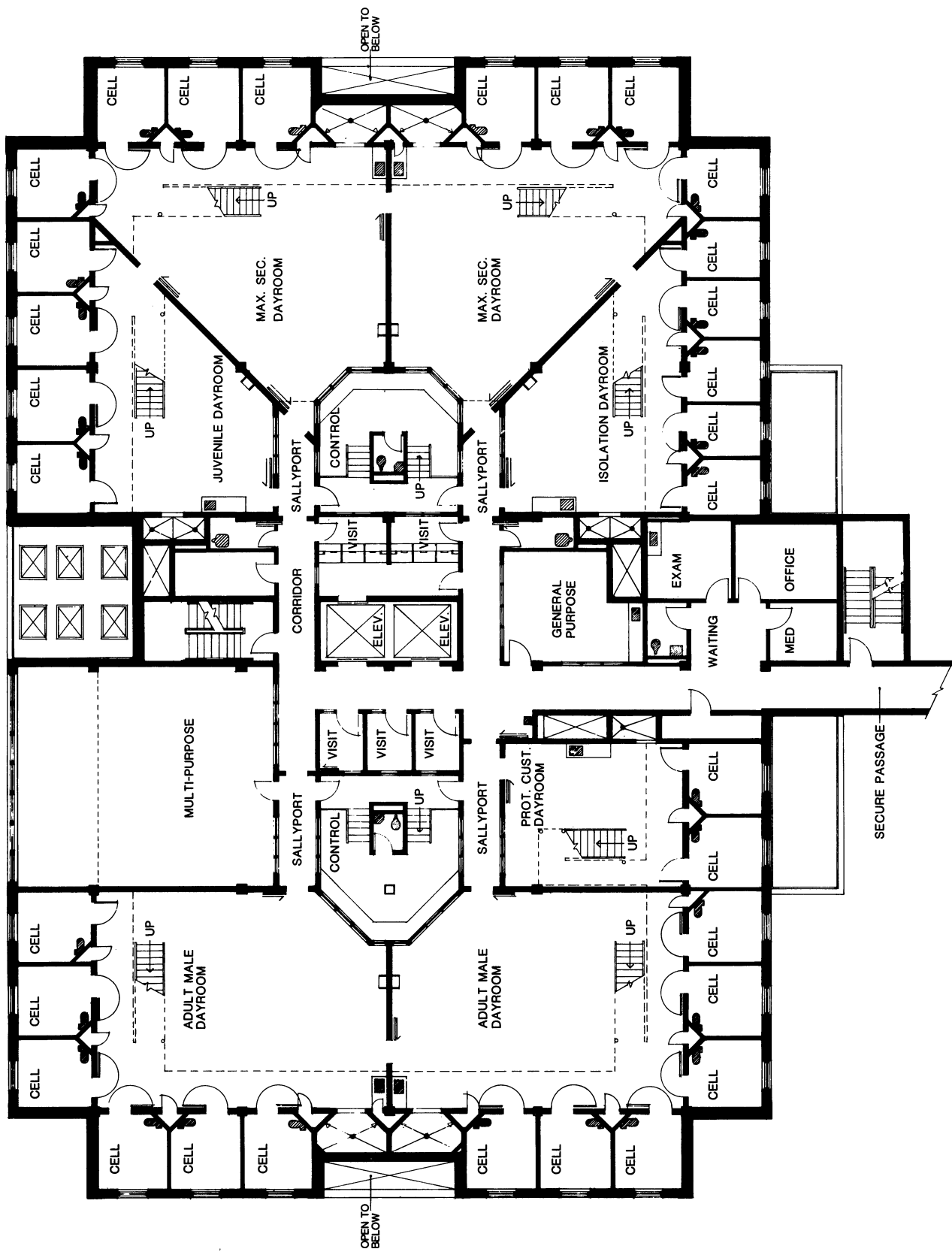
Jurisdiction official: John J. Walsh, Jr., Sheriff

**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><b>Groundbreaking:</b> March 1983  <b>Finish date:</b> May 1984  <b>Construction time:</b> 14 months</p>	<p><b>Design capacity:</b> 134  <b>Total cost:</b> \$3,632,000  <b>Total annual operating costs:</b> \$1,409,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 108  Dorms: 0  Special housing: 26  General population: 108  Total: 134</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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> <p>*Juveniles are detained for no more than 6 hours.</p>



# Kay County Detention Facility

Jurisdiction official: Richard D. Stickney, Sheriff

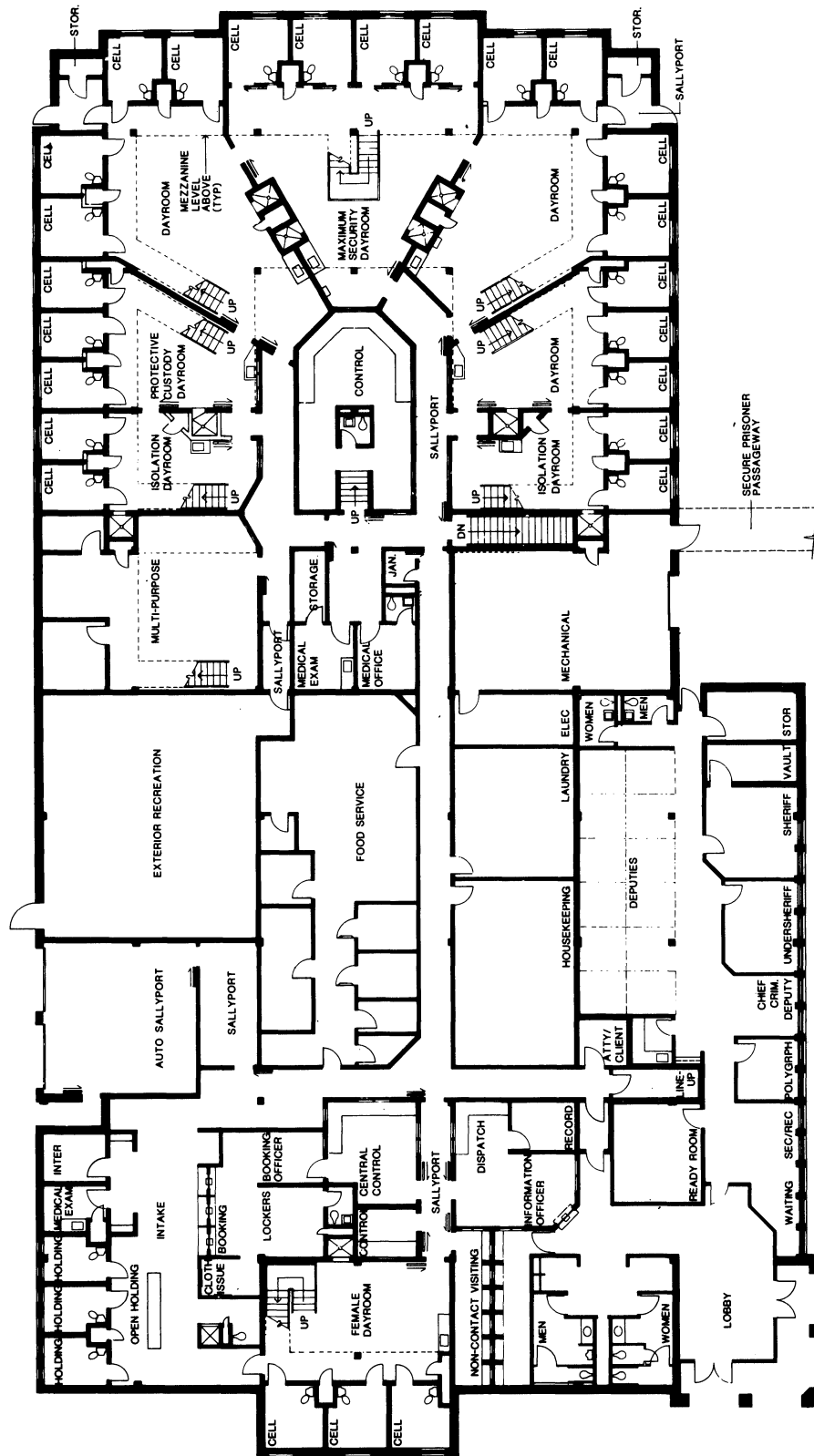
**Contact:** Nathan R. McCoy, Jail Administrator, Kay County Detention Facility, 110 South Maple, Newkirk, OK 74647, 405-362-2517

**Architect:** Rees Associates, Inc., 4200 Perimeter Center Drive, Suite 245, Oklahoma City, OK 73112, 405-946-9800

**Construction manager:** None

<p><b>Groundbreaking:</b> November 1983  <b>Finish date:</b> July 1985  <b>Construction time:</b> 20 months</p>	<p><b>Design capacity:</b> 80  <b>Total cost:</b> \$3,133,072  <b>Total annual operating costs:</b> \$550,857</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail; law enforcement  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Video camera surveillance          Inmate security level:              Maximum: 100%              Medium: 0              Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0          Double occupancy: 60          Dorms: 0          Special housing: 20          General population: 60          Total: 80</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



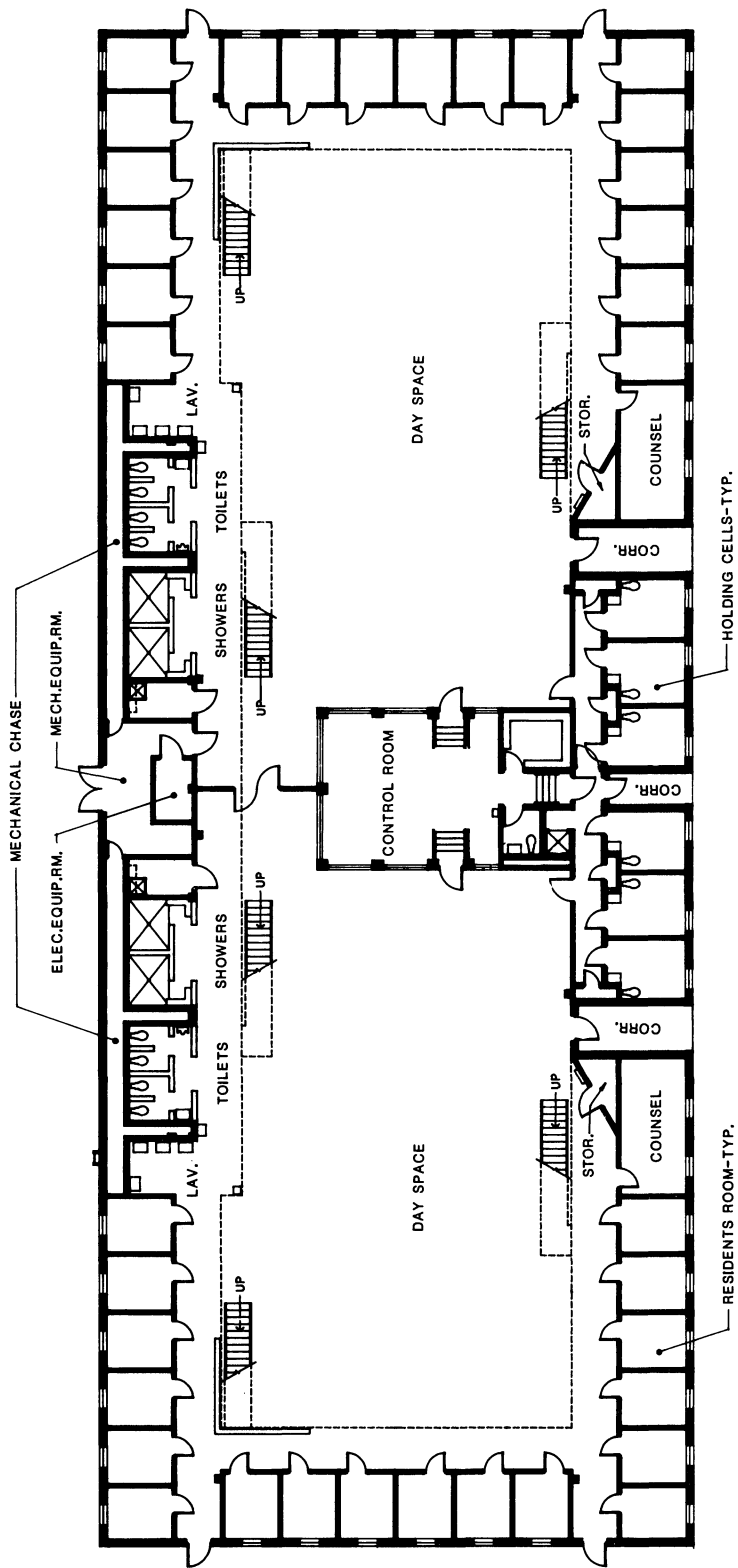


# Lexington Assessment & Reception Center (Addition)

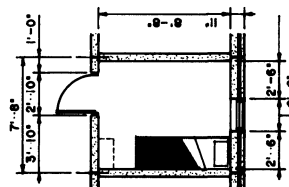
Jurisdiction official: Gary Maynard, Director, Department of Corrections

**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><b>Groundbreaking:</b> September 1982  <b>Finish date:</b> June 1983  <b>Construction time:</b> 9 months</p>	<p><b>Design capacity:</b> 90  <b>Total cost:</b> \$1,819,408  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Current staff</b></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><b>Architect's reported analyses</b></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

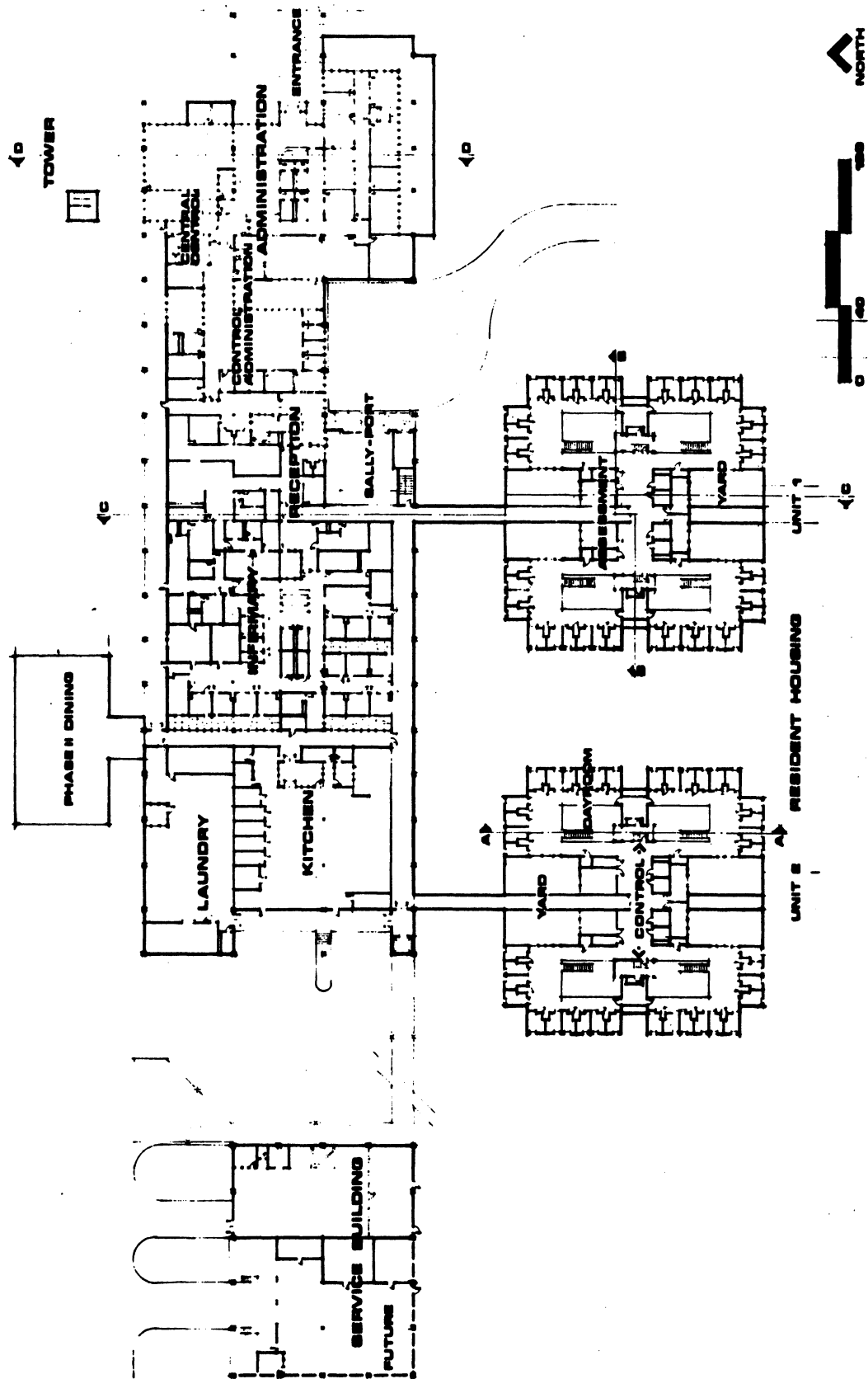
**Contact:** Warden Peter Douglas, Lexington Assessment & Reception Center, Box 260, Lexington, OK 73051, 405-527-5676

**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><b>Groundbreaking:</b> August 1976  <b>Finish date:</b> January 1978  <b>Construction time:</b> 17 months</p>	<p><b>Design capacity:</b> 428  <b>Total cost:</b> \$14,500,000  <b>Total annual operating costs:</b> \$7,408,984</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 400          Double occupancy: 0          Dorms: 0          Special housing: 28          General population: 400          Total: 428</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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>



# Mabel Bassett Correctional Center (Addition)

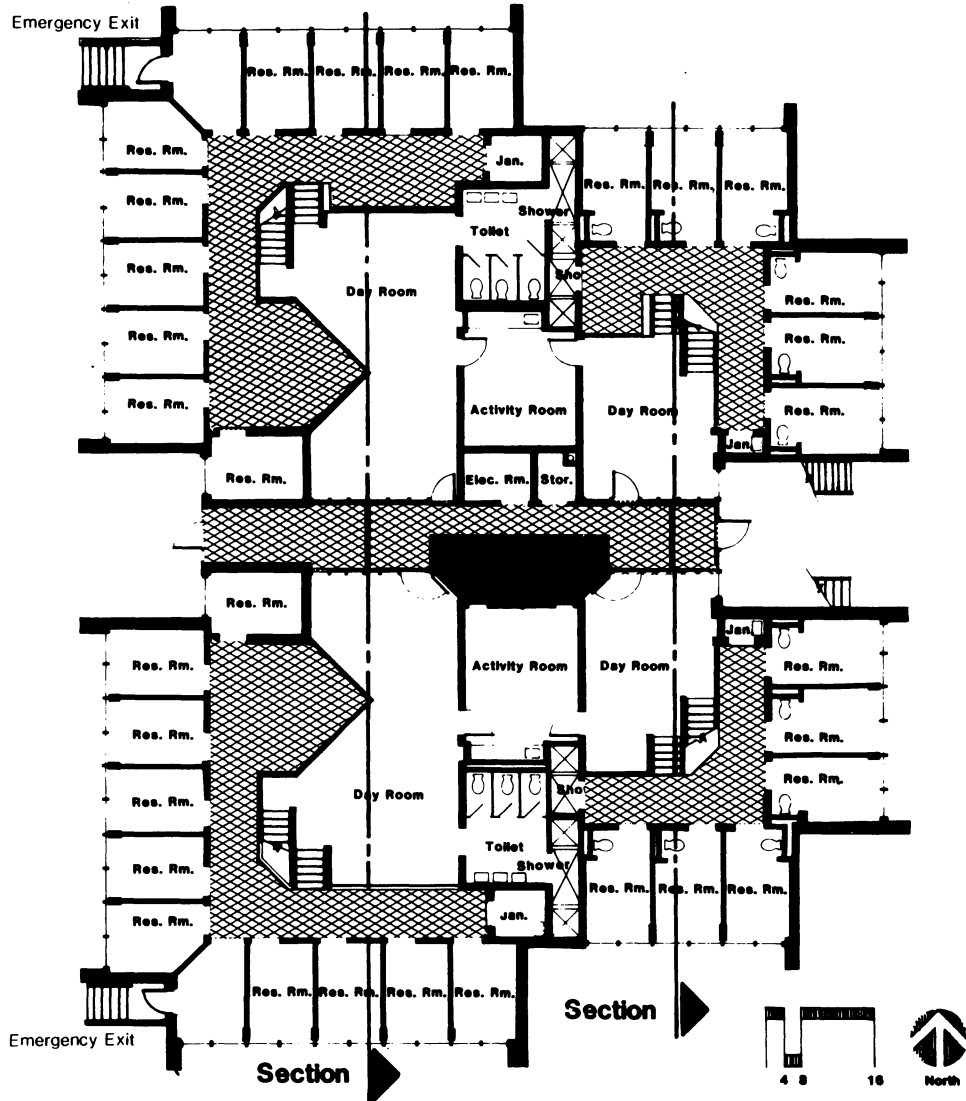
Jurisdiction official: Gary Maynard, Director, Department of Corrections

**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><b>Groundbreaking:</b> October 1979  <b>Finish date:</b> April 1981  <b>Construction time:</b> 18 months</p>	<p><b>Design capacity:</b> 53  <b>Total cost:</b> \$912,809  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction process</b></p> <p>Finance method: State funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: Limited</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 30          Double occupancy: 0          Dorms: 0          Special housing: 23          General population: 30          Total: 53</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



**Ground Level Floor Plan**

# Muskogee County/City Detention Facility

Jurisdiction official: Bill Vinzant, Sheriff

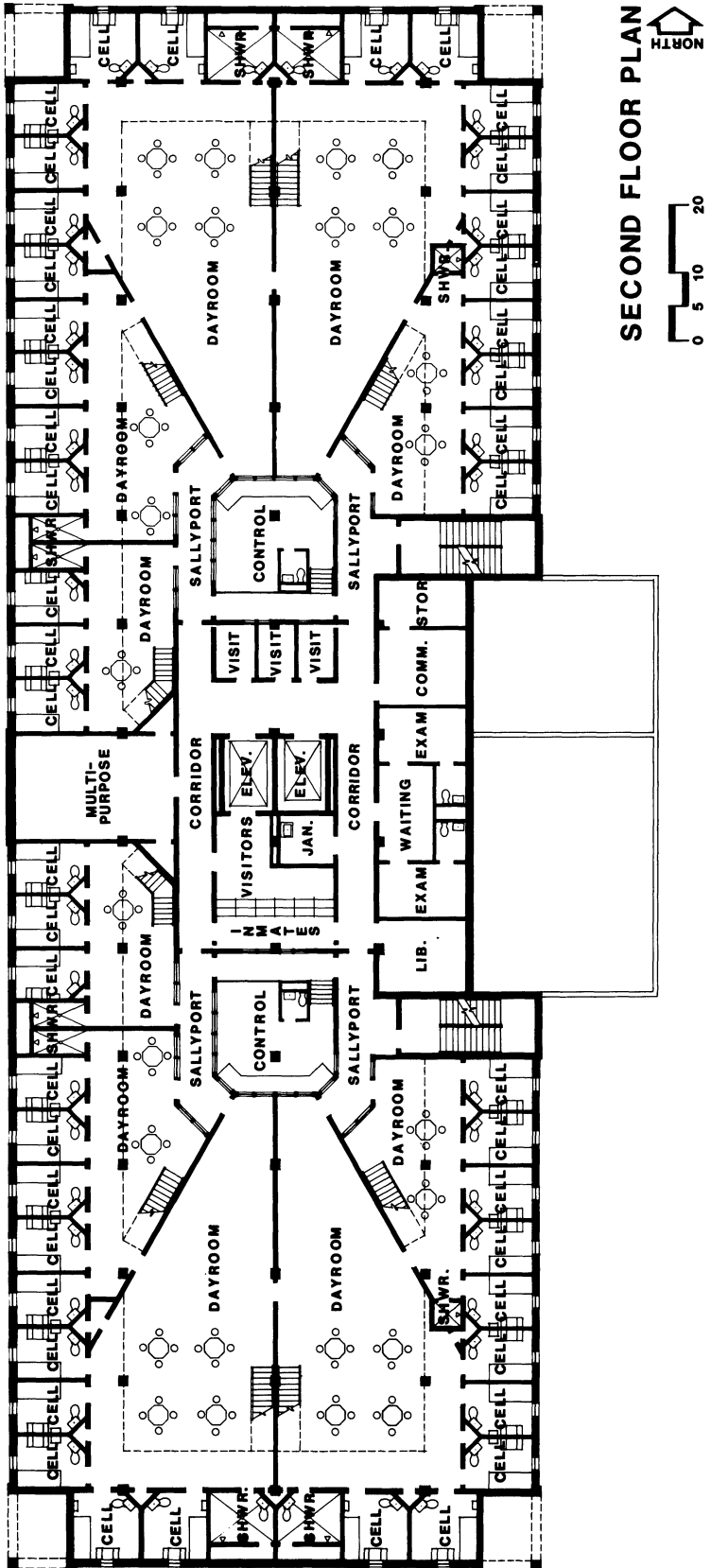
**Contact:** Sheriff Bill Vinzant, Muskogee County/City Detention Facility, 120 South 3rd, Muskogee, OK 74401, 918-687-1275

**Architect:** Roger Richter/Architect Inc., 608 Manhattan Building, Muskogee, OK 74401, 918-682-3419

**Construction manager:** None

<p><b>Groundbreaking:</b> March 1985  <b>Finish date:</b> October 1986  <b>Construction time:</b> 19 months</p>	<p><b>Design capacity:</b> 136  <b>Total cost:</b> \$4,026,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail; city jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; razor wire on fence; video camera surveillance          Inmate security level:              Maximum: 18%              Medium: 82%              Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Special election; 1¢ county sales tax for 20 months          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 83          Double occupancy: 42          Dorms: 0          Special housing: 11          General population: 125          Total: 136</p> <p><b>Current staff</b></p> <p>Full-time equivalent:              Administration: Unknown              Security: Unknown              Programs/treatment: Unknown              Maintenance: Unknown              Total: Unknown          Current inmate/staff ratio: Unknown</p>	<p><b>Architect's reported analyses</b></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>





SECOND FLOOR PLAN

# Oklahoma State Penitentiary (Addition/Remodel)

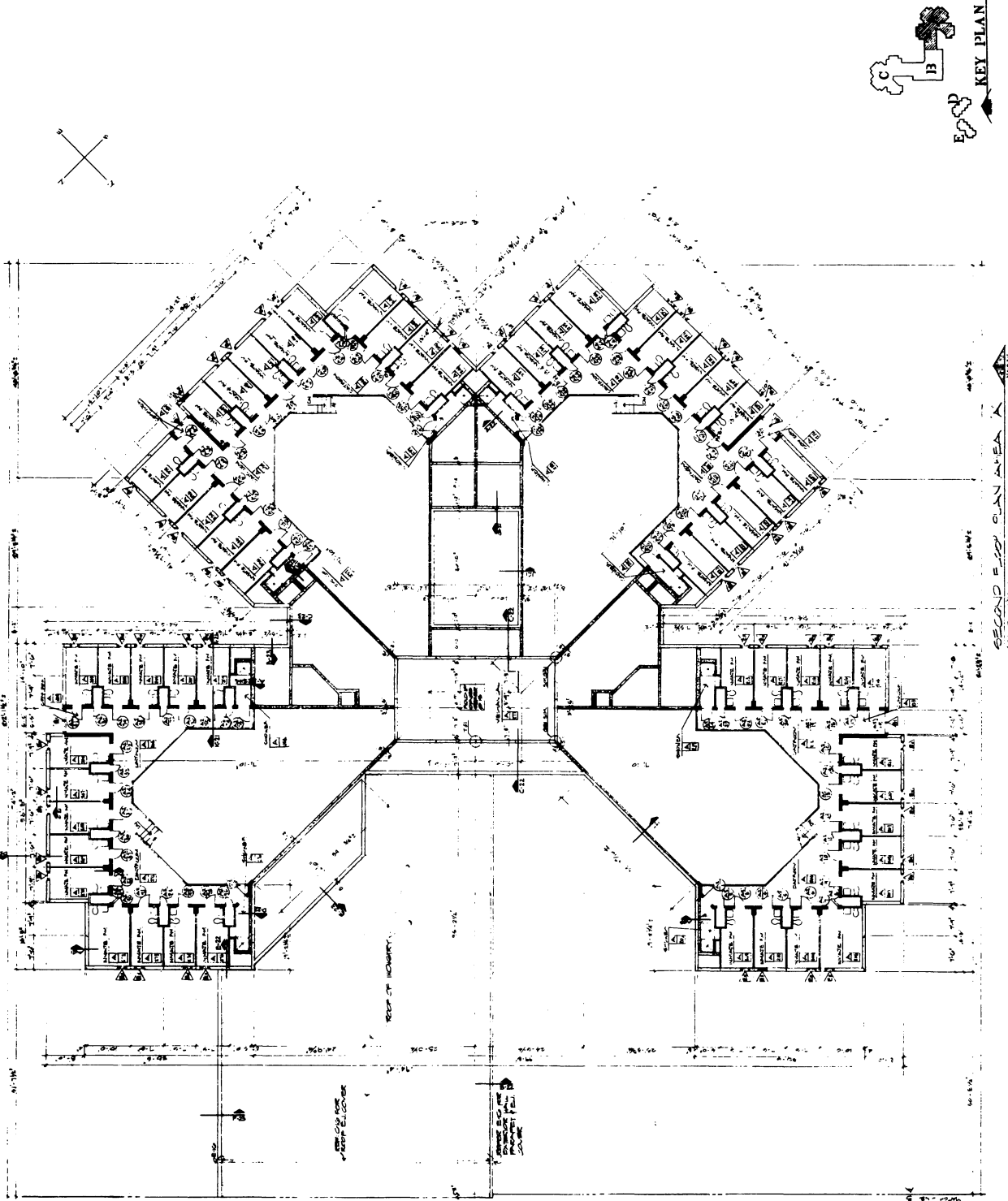
Jurisdiction official: Gary Maynard, Director, Department of Corrections

**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><b>Groundbreaking:</b> November 1978  <b>Finish date:</b> November 1984  <b>Construction time:</b> 72 months</p>	<p><b>Design capacity:</b> 500  <b>Total cost:</b> \$17,204,022  <b>Total annual operating costs:</b> \$10,367,500 (entire facility)</p>	<p><b>Category:</b> New, ancillary building; remodeling/renovation; expansion  <b>Facility type:</b> State prison  <b>Building configuration:</b> Wheel, spoke, or radial</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on and between fences; towers; patrols  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  Interior walls: Precast panels; cast-in-place concrete  Exterior surface/facade: Colored concrete</p> <p><b>Inmate design capacity</b></p>	<p><b>Construction process</b></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><b>Inmate cells</b></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>Single occupancy: 500  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 500  Total: 500</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>

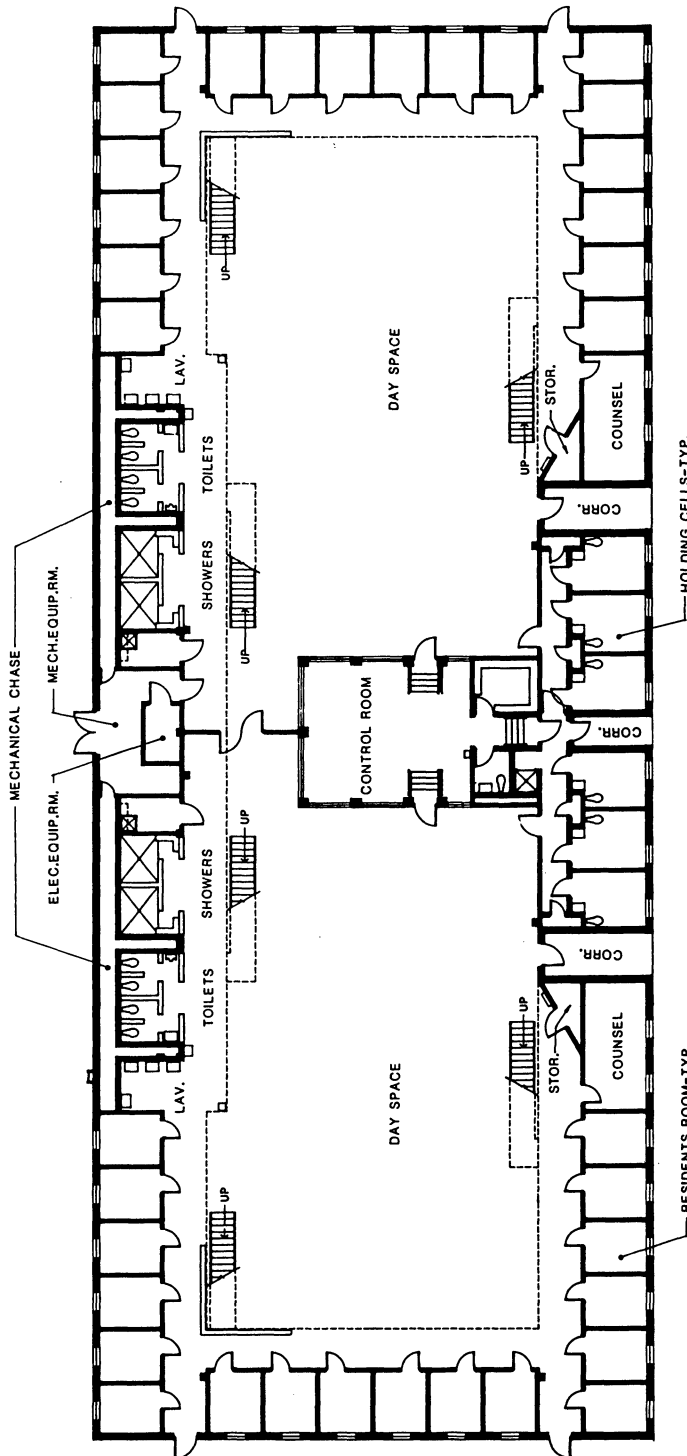


# Ouachita Correctional Center (Addition)

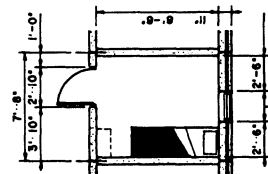
Jurisdiction official: Gary Maynard, Director, Department of Corrections

**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

<p><b>Groundbreaking:</b> September 1982  <b>Finish date:</b> May 1983  <b>Construction time:</b> 8 months</p>	<p><b>Design capacity:</b> 90  <b>Total cost:</b> \$1,426,200  <b>Total annual operating costs:</b>  N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; single fence  Inmate security level:  Maximum: 0  Medium: 0  Minimum: 94.6% (+ 5.4% holding)</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 84  Double occupancy: 0  Dorms: 0  Special housing: 6  General population: 84  Total: 90</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

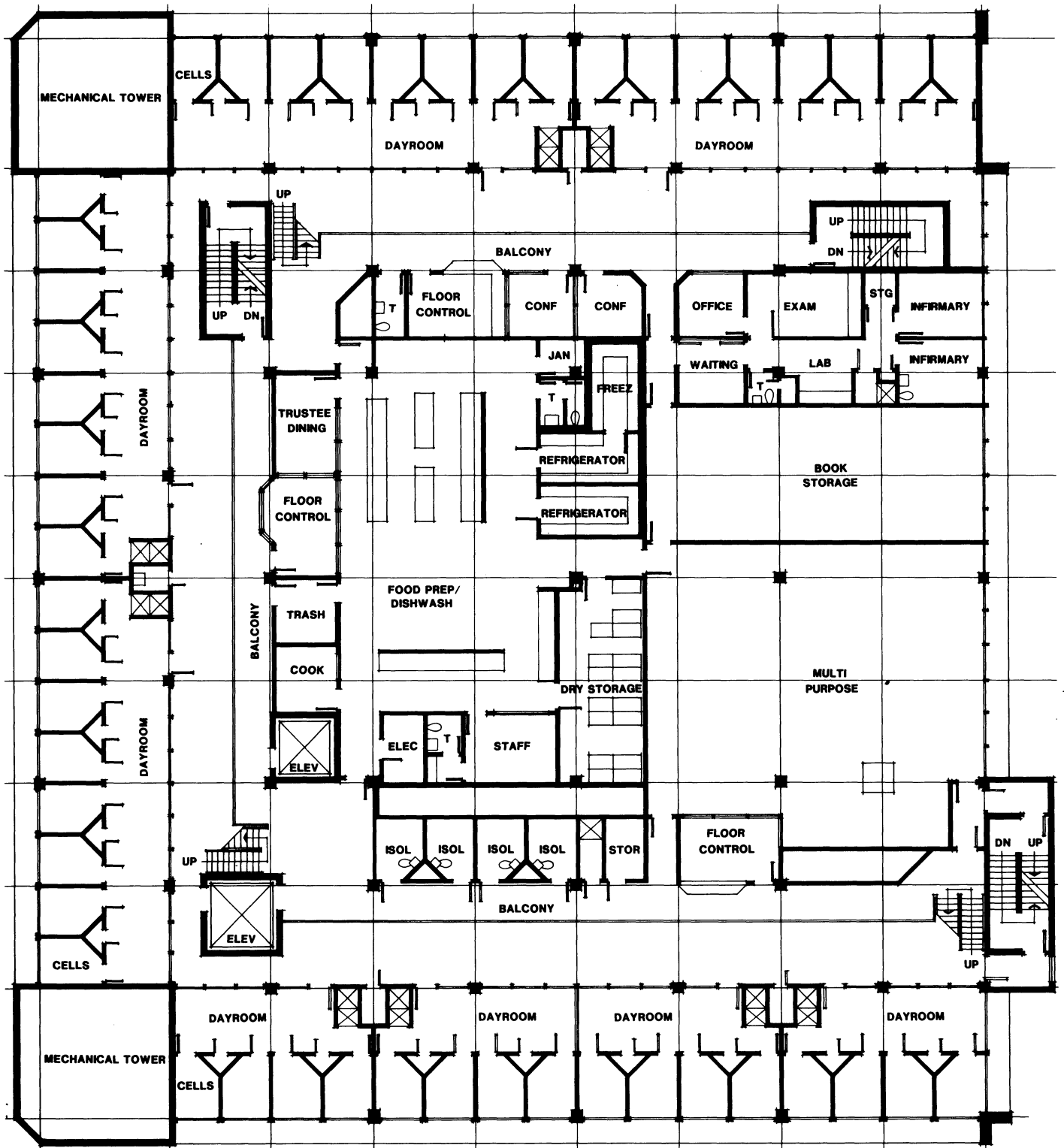
Jurisdiction official: C.W. Smith, Sheriff

**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

<p><b>Groundbreaking:</b> October 1978  <b>Finish date:</b> February 1981  <b>Construction time:</b> 28 months</p>	<p><b>Design capacity:</b> 183  <b>Total cost:</b> \$7,921,838  <b>Total annual operating costs:</b> \$1,984,629</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 13%  Medium: 55%  Minimum: 22%  Holding: 10%</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 112  Double occupancy: 4  Dorms: 0  Special housing: 67  General population: 116  Total: 183</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architect's reported analyses</b></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

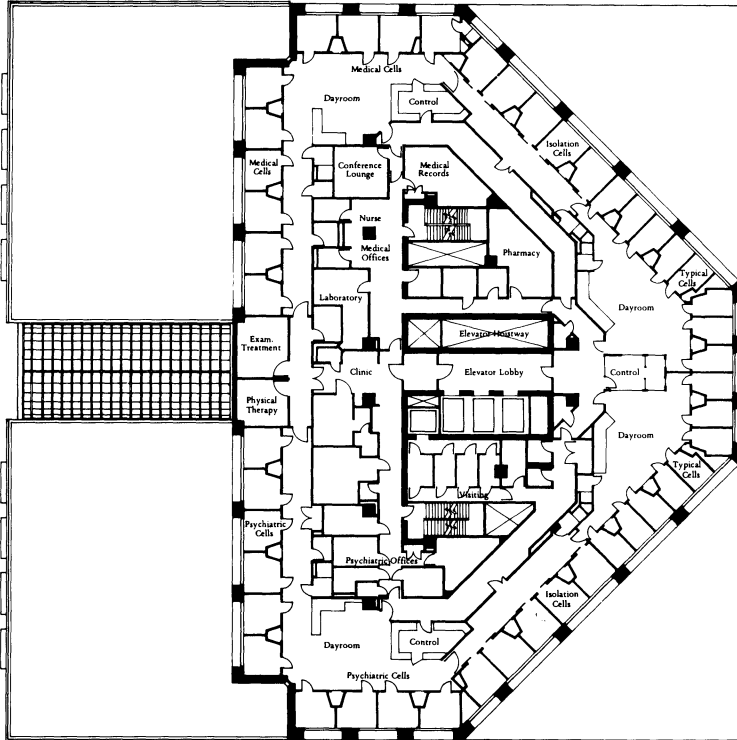
**Contact:** Captain Joe Golden, Justice Center, 1120 SW. Third, Portland, OR 97204, 503-248-5129

**Architect:** Zimmer Gunsul Frasca Partnership, Suite 500, 320 SW. Oak, Portland, OR 97204, 503-224-3860

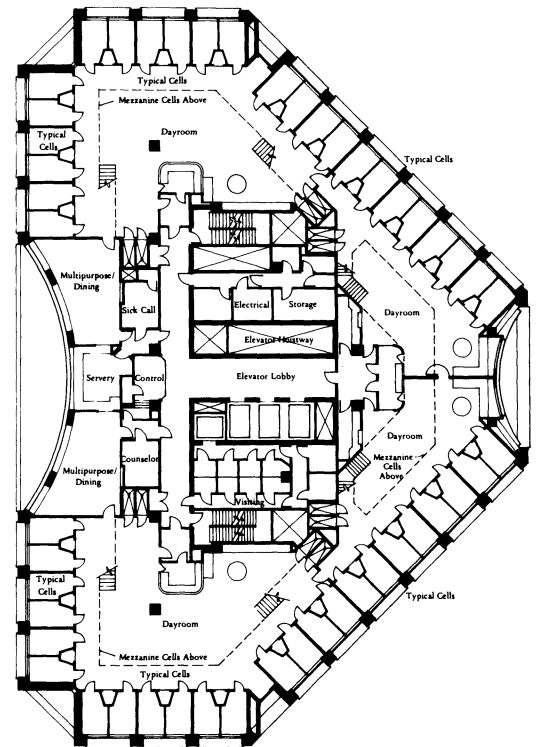
**Construction manager:** Turner Construction Company, 1201 Pennsylvania Avenue NW., Washington, DC 20004, 202-393-5100

<p><b>Groundbreaking:</b> May 1980  <b>Finish date:</b> November 1983  <b>Construction time:</b> 43 months</p>	<p><b>Design capacity:</b> 430  <b>Total cost:</b> \$44,162,400  <b>Total annual operating costs:</b> \$11,477,300</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement admin., courts, retail  <b>Building configuration:</b> High rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 384  Double occupancy: 0  Dorms: 0  Special housing: 46  General population: 384  Total: 430</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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



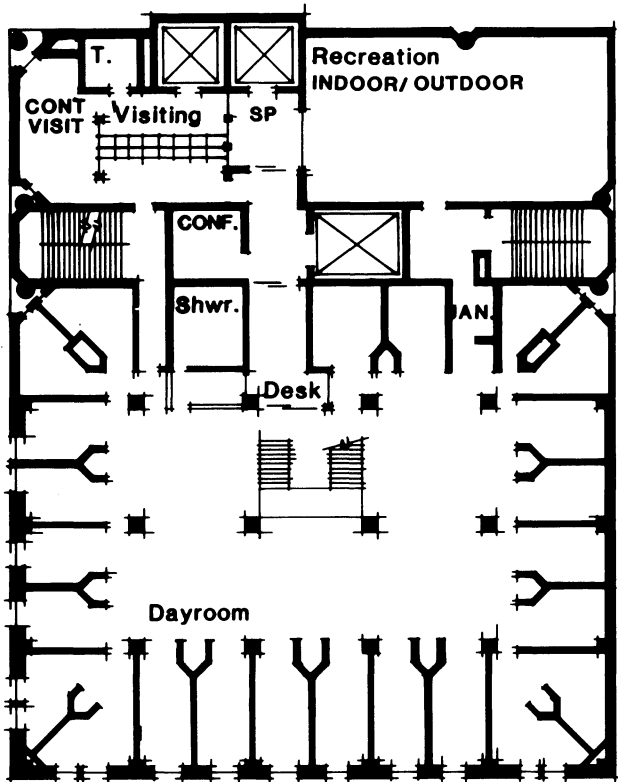
FIFTH THROUGH EIGHTH FLOOR PLAN  
TYPICAL HOUSING

# Allegheny County Jail Annex (Remodel/Expansion)

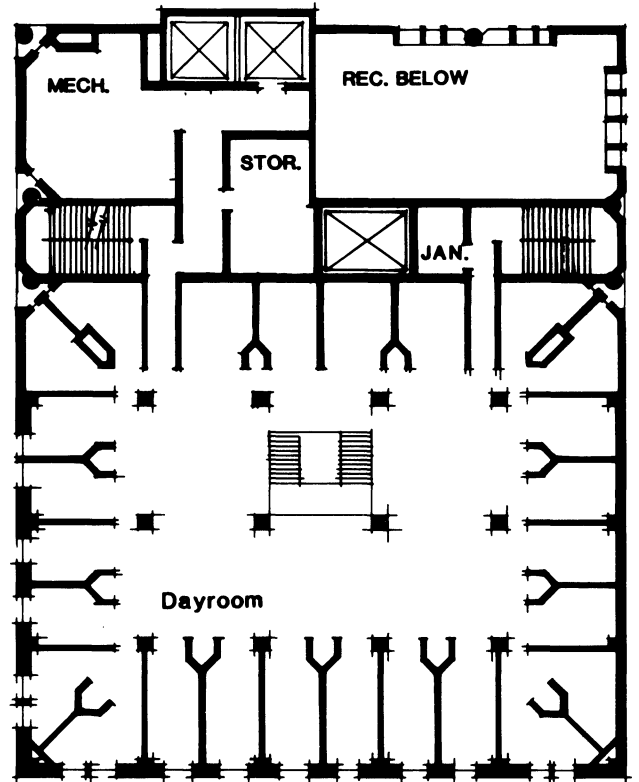
Jurisdiction official: Charles J. Kozakiewicz, Warden

**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

<p><b>Groundbreaking:</b> October 1984  <b>Finish date:</b> January 1986  <b>Construction time:</b> 15 months</p>	<p><b>Design capacity:</b> 274  <b>Total cost:</b> \$9,678,540  <b>Total annual operating costs:</b> \$3,503,700 (entire facility)</p>	<p><b>Category:</b> Remodeling/renovation project; expansion  <b>Facility type:</b> County jail  <b>Building configuration:</b> High rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 0  Medium: 0  Minimum: 100%</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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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>Single occupancy: 274  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 274  Total: 274</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

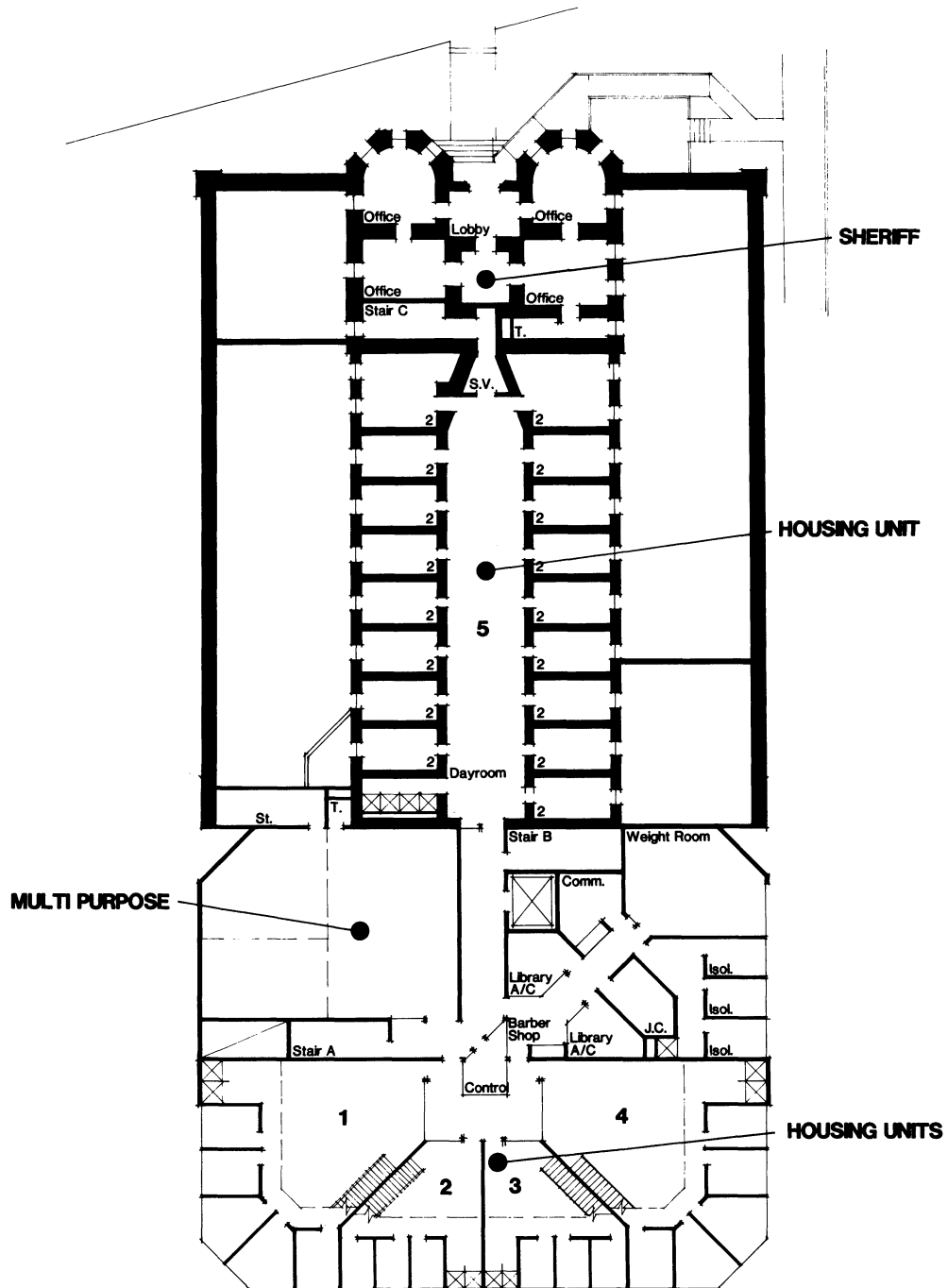
Jurisdiction official: William Stouffer, County Commissioner

**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

<p><b>Groundbreaking:</b> July 1982  <b>Finish date:</b> September 1984  <b>Construction time:</b> 27 months</p>	<p><b>Design capacity:</b> 141  <b>Total cost:</b> \$4,092,581  <b>Total annual operating costs:</b> N/A (expansion)</p>	<p><b>Category:</b> Expansion project  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 18%  Medium: 67%  Minimum: 15%</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Brick  Interior walls: CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 14  Double occupancy: 108  Dorms: 8  Special housing: 11  General population: 130  Total: 141</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

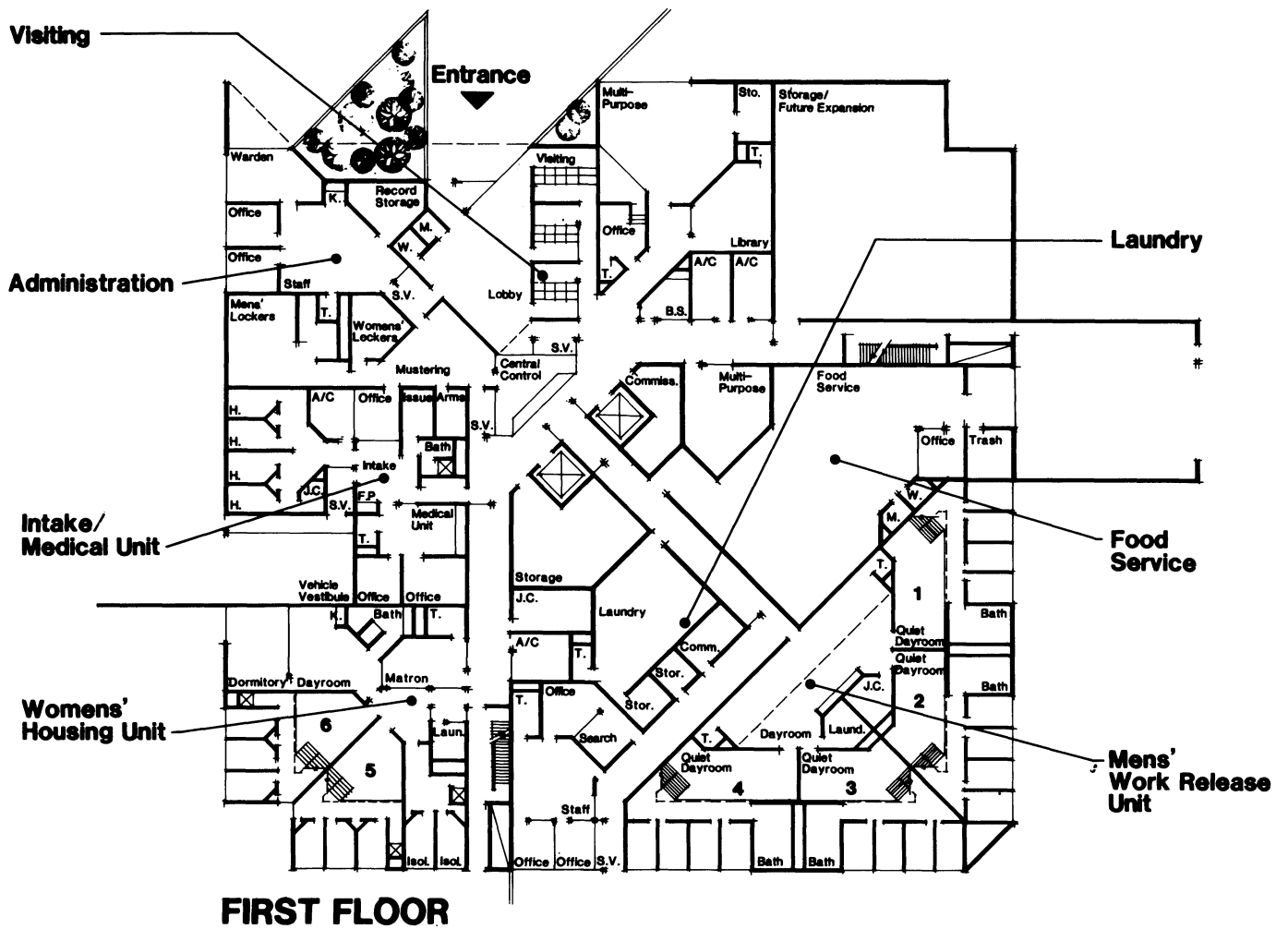
Jurisdiction official: Charles Brewer, Sheriff

**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

<p><b>Groundbreaking:</b> September 1983  <b>Finish date:</b> October 1985  <b>Construction time:</b> 26 months</p>	<p><b>Design capacity:</b> 150  <b>Total cost:</b> \$6,579,727  <b>Total annual operating costs:</b> \$1,480,986</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only          Inmate security level:            Maximum: 20%            Medium: 60%            Minimum: 20%</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame          Exterior walls: Brick          Interior walls: CMU block          Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 142          Double occupancy: 0          Dorms: 0          Special housing: 8          General population: 142          Total: 150</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

<p><b>Groundbreaking:</b> May 1984 <b>Finish date:</b> May 1986 <b>Construction time:</b> 24 months</p>	<p><b>Design capacity:</b> 650 <b>Total cost:</b> \$50,000,000 <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility; phased project (future) <b>Facility type:</b> County jail; city jail <b>Building configuration:</b> Integrated structure; clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 550 Double occupancy: 0 Dorms: 0 Special housing: 100 General population: 550 Total: 650</p> <p><b>Current staff</b></p> <p>Full-time equivalent: Administration: 22 Security: 202 Programs/treatment: 150 Maintenance: 26 Total: 260 Current inmate/staff ratio: N/A</p>	<p><b>Architects' reported analyses</b></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)

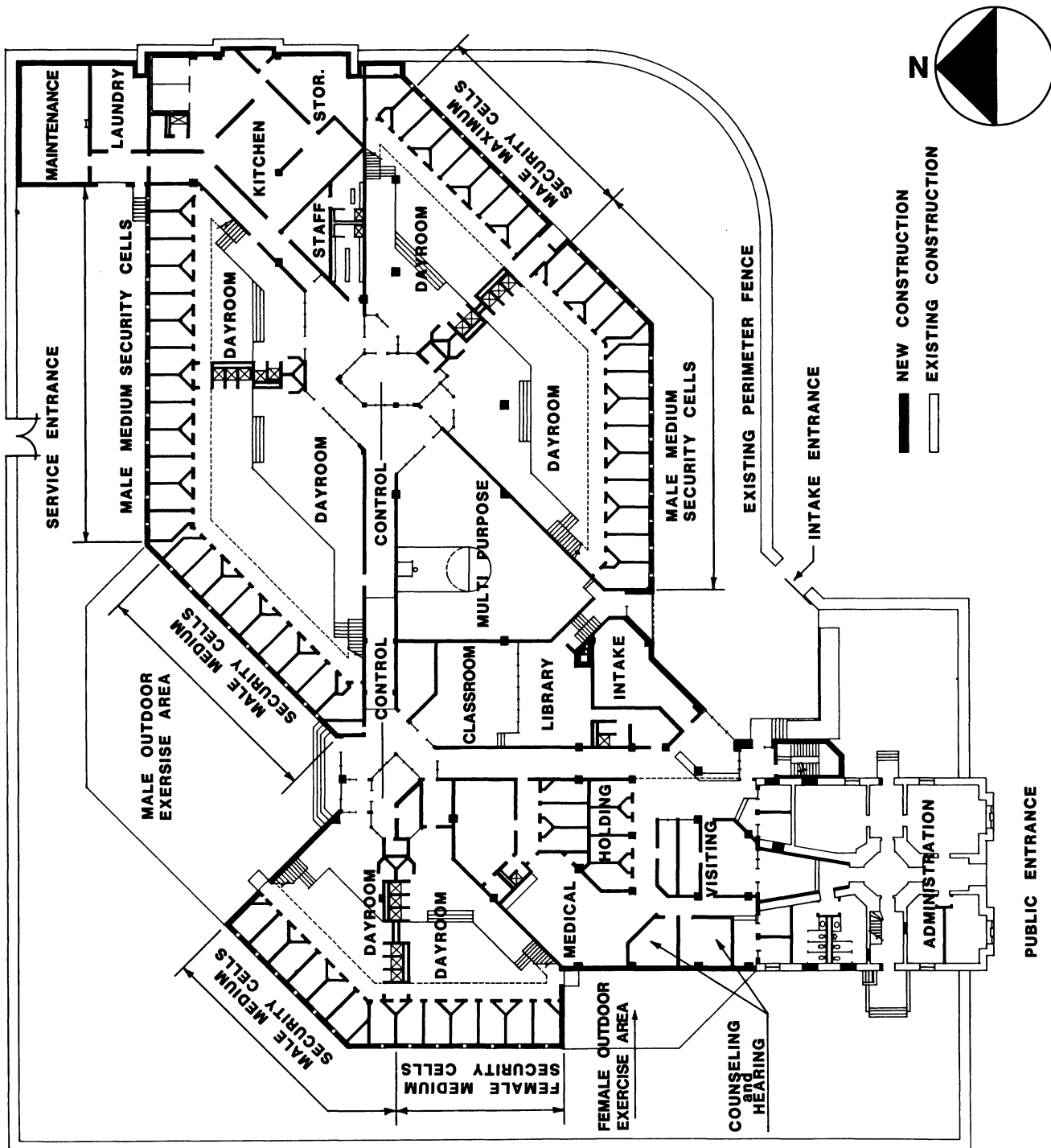
Jurisdiction official: John E. Lavelle, Chairman, Prison Board

**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:** Mellon-Stuart Company, P.O. Box 1161, Pottsville, PA 17901, 717-628-4050

<p><b>Groundbreaking:</b> June 1984  <b>Finish date:</b> June 1986  <b>Construction time:</b> 24 months</p>	<p><b>Design capacity:</b> 140  <b>Total cost:</b> \$5,313,872  <b>Total annual operating costs:</b> \$820,375</p>	<p><b>Category:</b> New, independent facility; remodeling/renovation project  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Existing perimeter wall; video camera surveillance  Inmate security level:  Maximum: 12%  Medium: 73%  Minimum: 15%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Construction management fast track  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 113  Double occupancy: 0  Dorms: 0  Special housing: 27  General population: 113  Total: 140</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> November 1984  <b>Finish date:</b> December 1987  <b>Construction time:</b> 37 months</p>	<p><b>Design capacity:</b> 560  <b>Total cost:</b> \$26,665,159  <b>Total annual operating costs:</b>          \$11,300,000 (projected)</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on fences; towers          Inmate security level:          Maximum: 10%          Medium: 90%          Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 512          Double occupancy: 0          Dorms: 0          Special housing: 48          General population: 512          Total: 560</p> <p><b>Current staff</b></p> <p>Full-time equivalent:          Administration: 82          Security: 216          Programs/treatment: 12          Maintenance: 38          Total: 348          Current inmate/staff ratio: N/A</p>	<p><b>Architect's reported analyses</b></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)

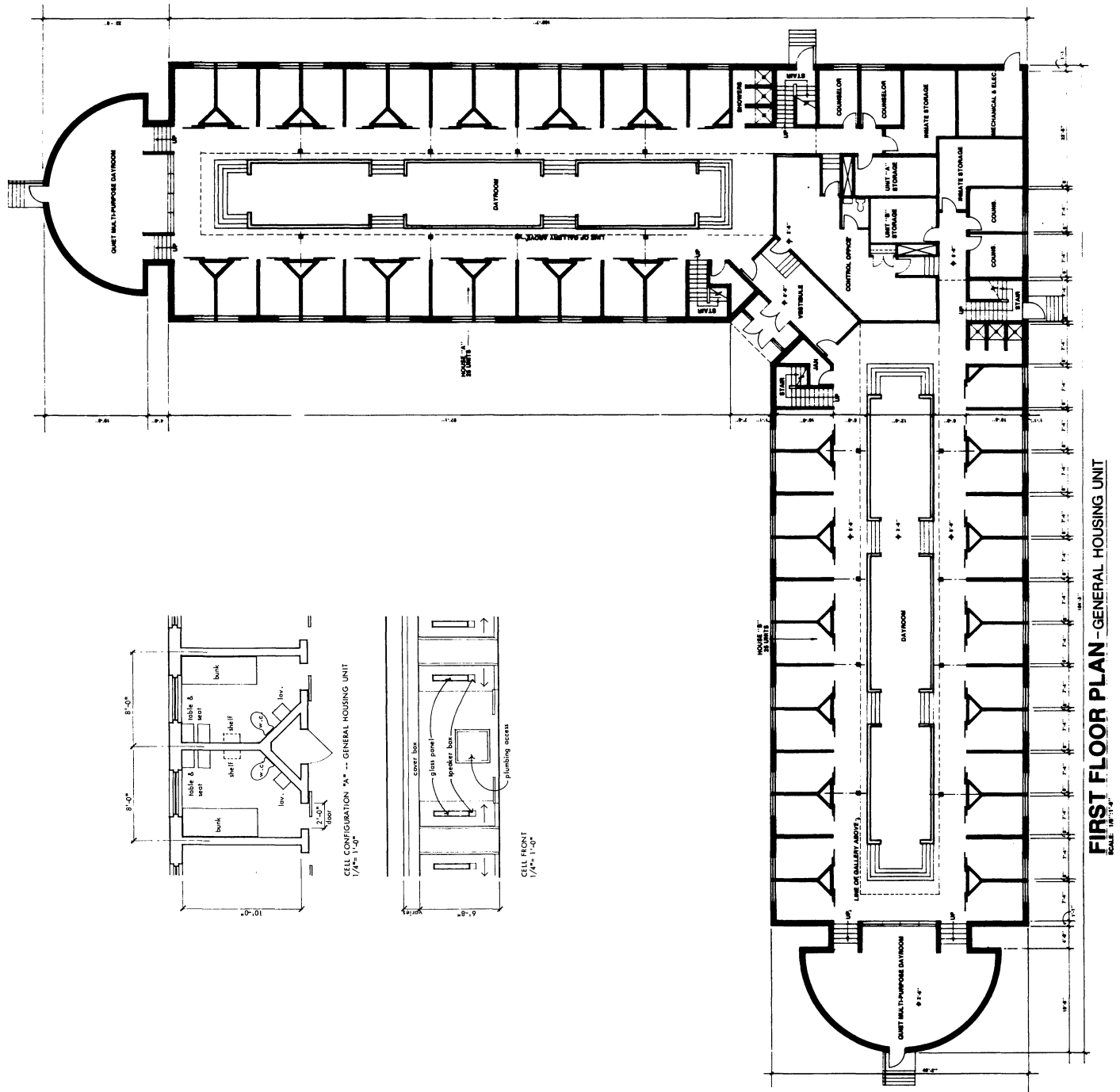
Jurisdiction official: David S. Owens, Jr., Commissioner, Department of Corrections

**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><b>Groundbreaking:</b> May 1984  <b>Finish date:</b> March 1986  <b>Construction time:</b> 22 months</p>	<p><b>Design capacity:</b> 180  <b>Total cost:</b> \$7,800,000  <b>Total annual operating costs:</b> N/A (expansion)</p>	<p><b>Category:</b> New ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; razor wire on fence; patrols  Inmate security level:  Maximum: 6%  Medium: 94%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Precast concrete frame  Exterior walls: Brick  Interior walls: CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: Limited; installation of furniture  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 150  Double occupancy: 0  Dorms: 0  Special housing: 30  General population: 150  Total: 180</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



FIRST FLOOR PLAN - GENERAL HOUSING UNIT  
SCALE: 1/8" = 1'-0"

# Warren County Jail

Jurisdiction official: Donnell Allen, Jr., Sheriff

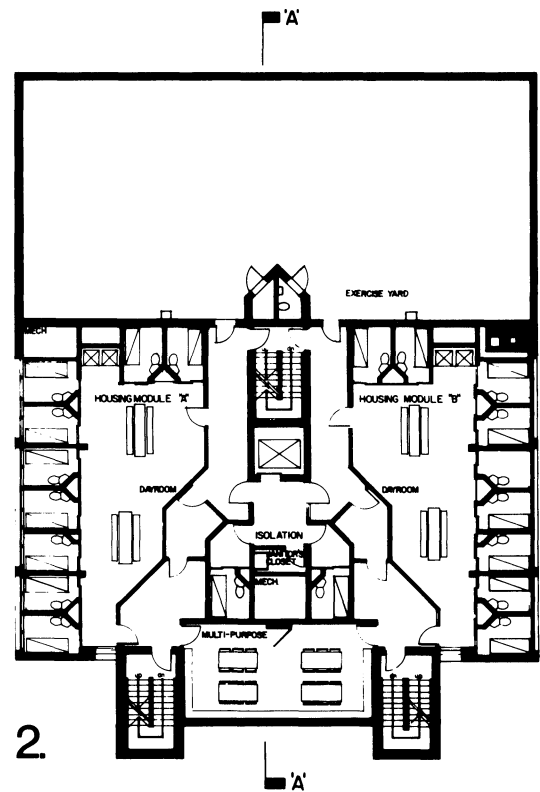
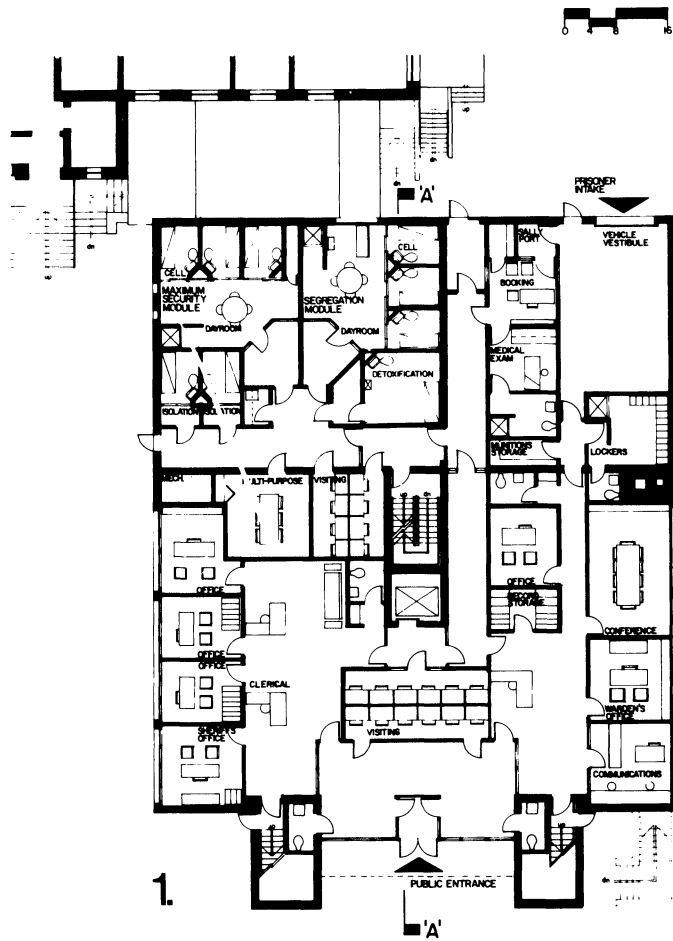
**Contact:** Sheriff Donnell Allen, Jr., Warren County Jail, Warren, PA 16365, 814-723-7553

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

**Construction manager:** None

<p><b>Groundbreaking:</b> August 1978  <b>Finish date:</b> April 1980  <b>Construction time:</b> 20 months</p>	<p><b>Design capacity:</b> 50  <b>Total cost:</b> \$2,189,614  <b>Total annual operating costs:</b> \$1,263,592</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 15%  Medium: 70%  Minimum: 15%</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Brick  Interior walls: CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: Revenue sharing  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 43  Double occupancy: 0  Dorms: 0  Special housing: 7  General population: 43  Total: 50</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

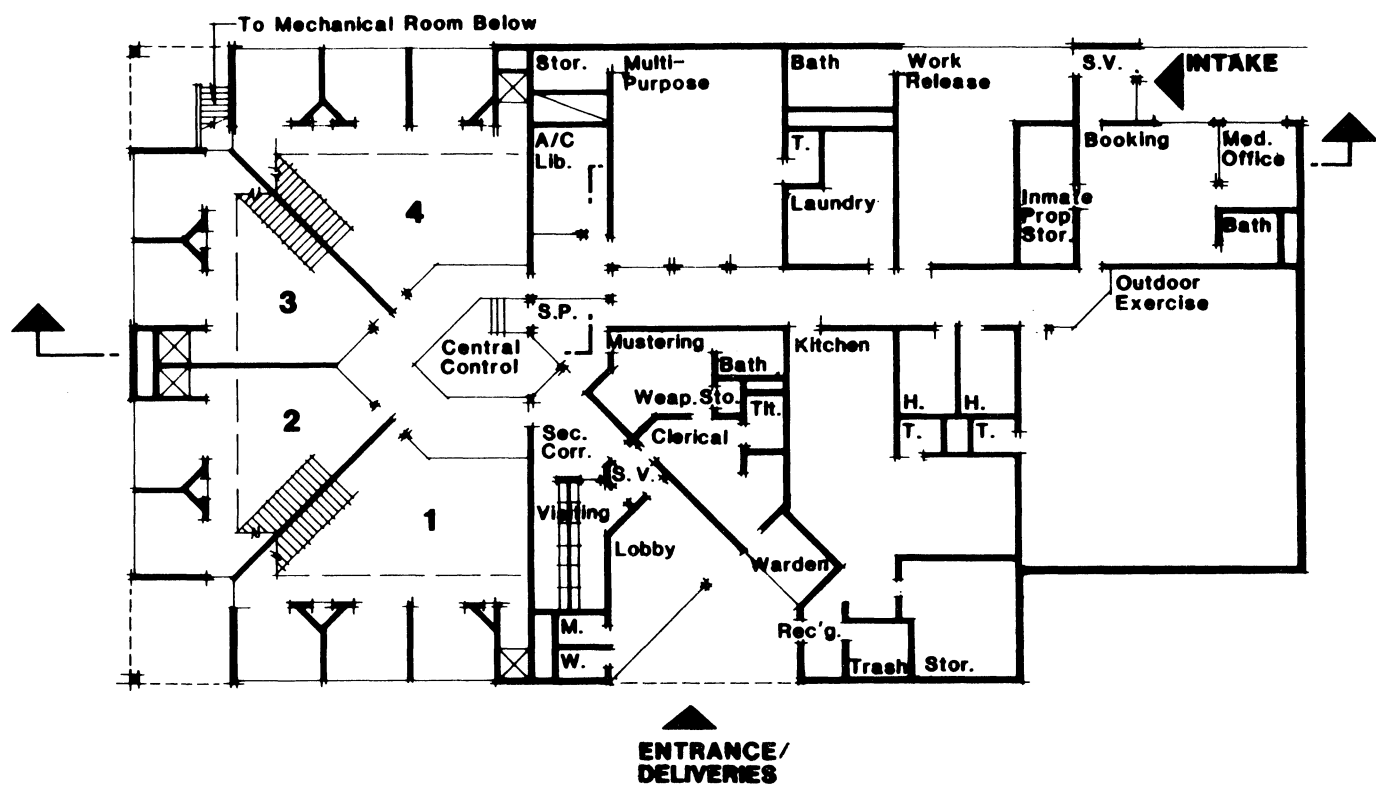
Jurisdiction official: Robert Truesdale, Sheriff

**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><b>Groundbreaking:</b> October 1984  <b>Finish date:</b> January 1986  <b>Construction time:</b> 16 months</p>	<p><b>Design capacity:</b> 50  <b>Total cost:</b> \$2,460,895  <b>Total annual operating costs:</b> \$238,000 (projected)</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only          Inmate security level:            Maximum: 10%            Medium: 70%            Minimum: 20%</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame          Exterior walls: Brick          Interior walls: CMU block          Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0          Double occupancy: 40          Dorms: 8          Special housing: 2          General population: 48          Total: 50</p> <p><b>Current staff</b></p> <p>Full-time equivalent:            Administration: 2            Security: 16            Programs/treatment: 0            Maintenance: 5            Total: 23          Current inmate/staff ratio: N/A</p>	<p><b>Architect's reported analyses</b></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)

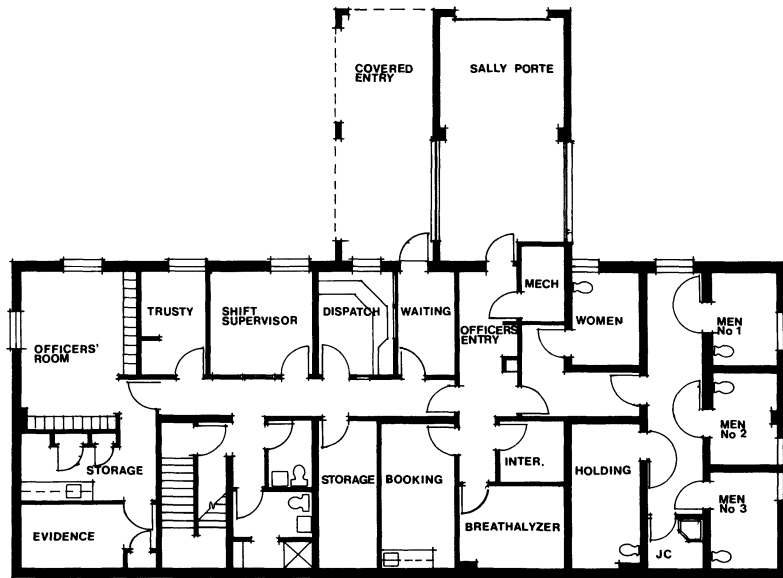
Jurisdiction official: Johnson Link, Chief of Police

**Contact:** Chief Johnson Link, Clemson Police Department, P.O. Box 1566, Clemson, SC 29633, 803-654-5636

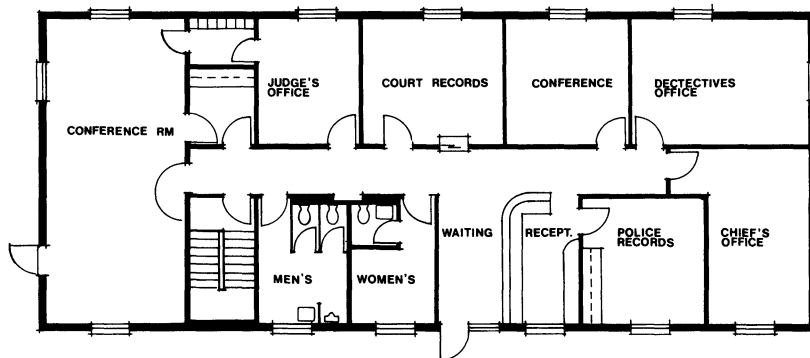
**Architect:** Louis P. Batson III, Arch. Inc., 110 Williams Street, Greenville, SC 29601, 803-233-2232

**Construction manager:** None

<p><b>Groundbreaking:</b> September 1984  <b>Finish date:</b> June 1985  <b>Construction time:</b> 9 months</p>	<p><b>Design capacity:</b> 13  <b>Total cost:</b> \$134,000  <b>Total annual operating costs:</b> \$600,000</p>	<p><b>Category:</b> Remodeling/renovation; phased project (past)  <b>Facility type:</b> Complex: city jail; law enforcement  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p> <p>Structural: Steel frame          Exterior walls: CMU block          Interior walls: CMU block          Exterior surface/facade: Stucco; paint</p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only          Inmate security level:              Maximum: 0              Medium: 100%              Minimum: 0</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 5          Double occupancy: 0          Dorms: 0          Other: 7          Special housing: 1          General population: 12          Total: 13</p> <p><b>Current staff</b></p> <p>Full-time equivalent:              Administration: 1              Security: 25              Programs/treatment: 0              Maintenance: 0              Total: 26          Current inmate/staff ratio: .08:1</p>	<p><b>Construction process</b></p> <p>Finance method: Local funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Architect's reported analyses</b></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**

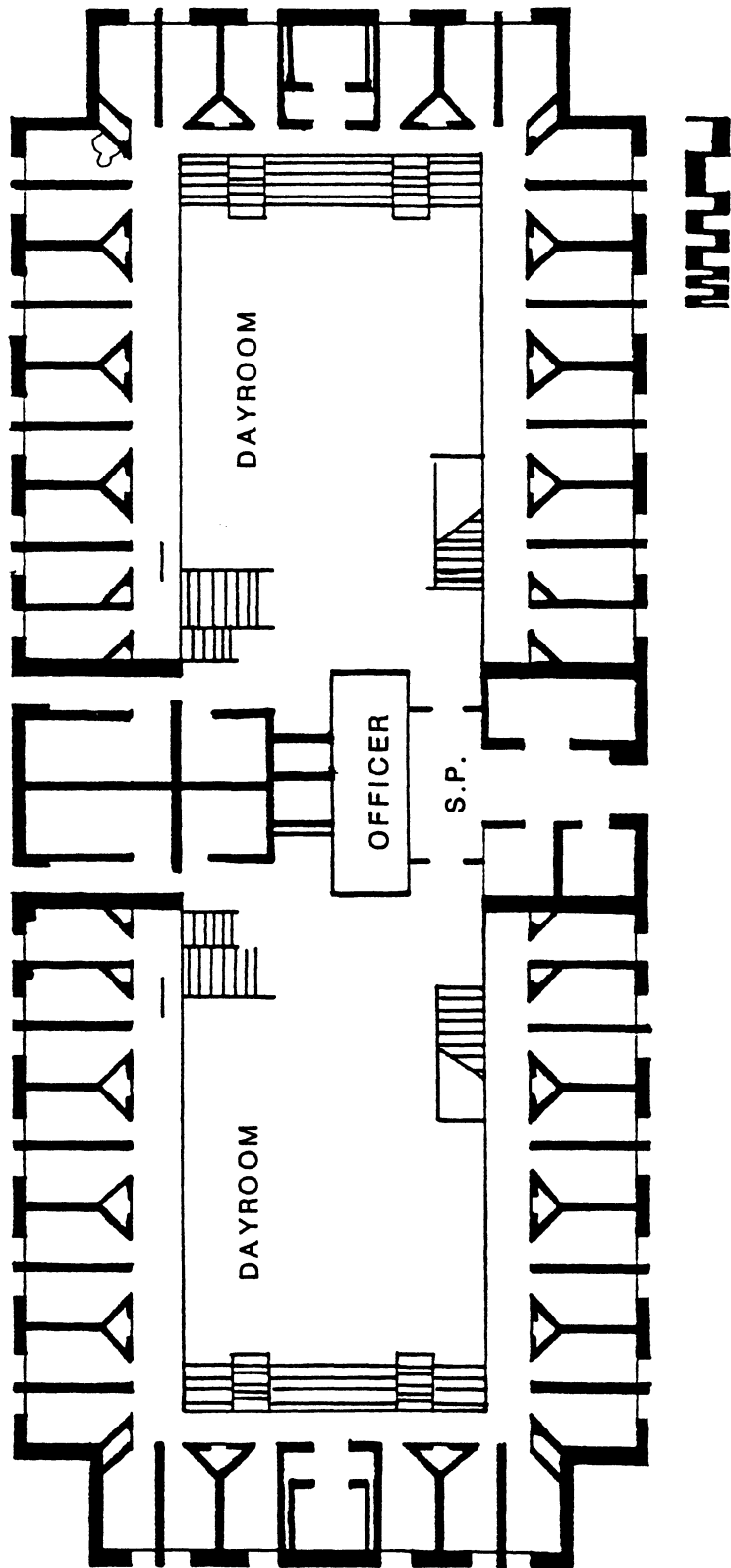


# Gilliam Psychiatric Center (Addition)

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

<p><b>Groundbreaking:</b> March 1983  <b>Finish date:</b> July 1984  <b>Construction time:</b> 18 months</p>	<p><b>Design capacity:</b> 96  <b>Total cost:</b> \$1,552,000  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Precast panels; brick  Interior walls: Cast-in-place concrete; CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 96  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 96  Total: 96</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



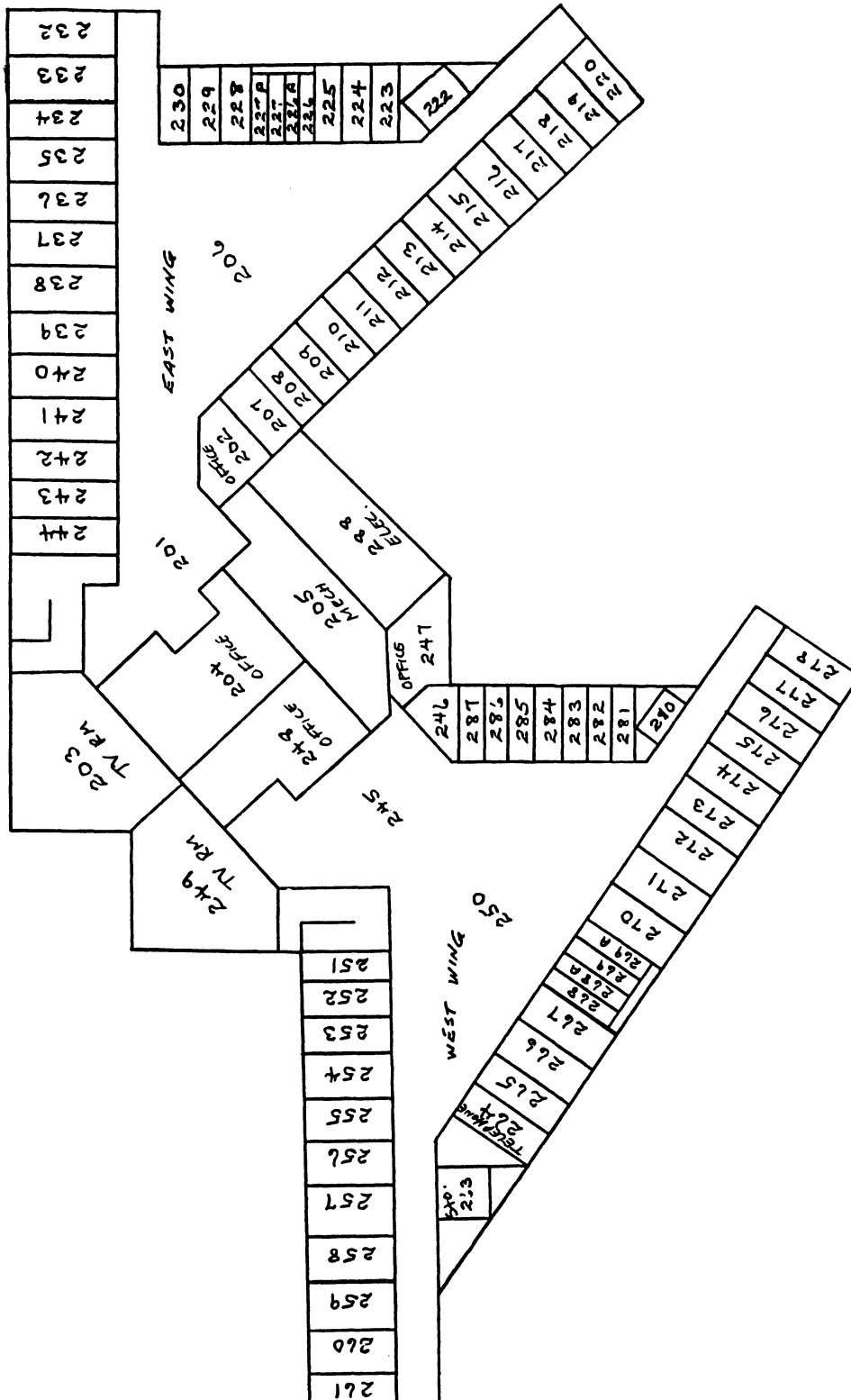
# Lieber Correctional Institution

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><b>Groundbreaking:</b> October 1984  <b>Finish date:</b> July 1986  <b>Construction time:</b> 21 months</p>	<p><b>Design capacity:</b> 696  <b>Total cost:</b> \$20,571,000  <b>Total annual operating costs:</b> \$5,977,898</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 696          Double occupancy: 0          Dorms: 0          Special housing: 0          General population: 696          Total: 696</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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

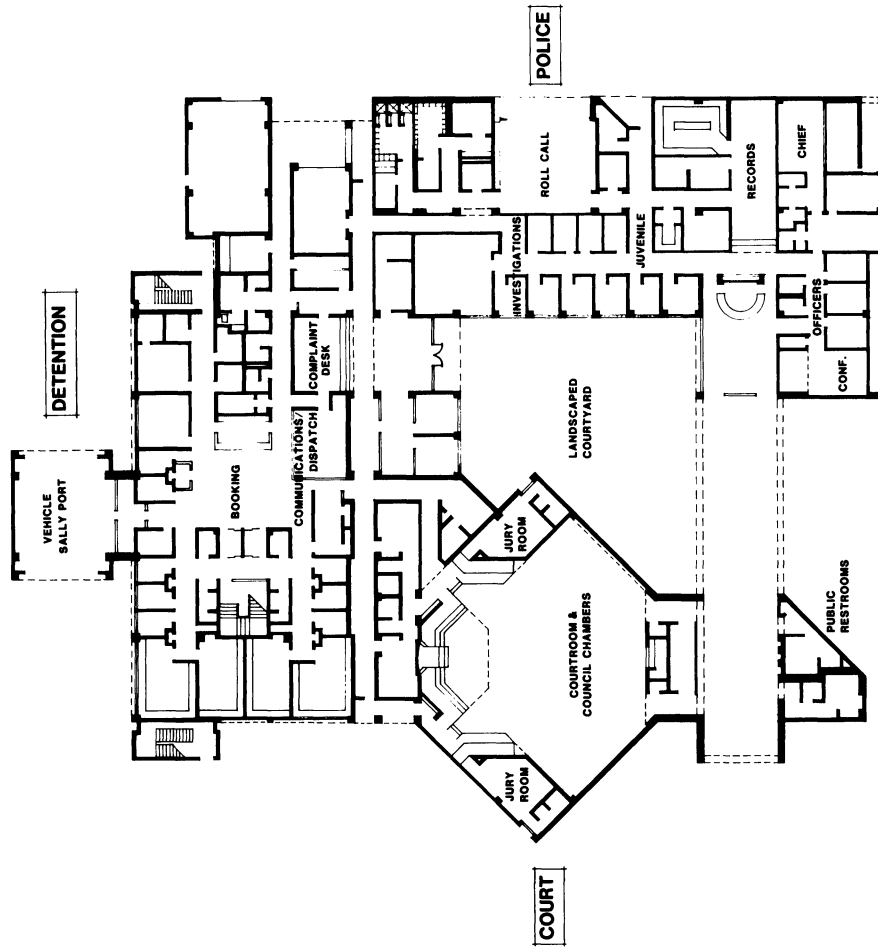
**Contact:** William A. Pickering, Detention Lieutenant, Myrtle Beach Law Enforcement Center, 1101 Oak Street, Myrtle Beach, SC 29577, 803-626-9589

**Architect:** Timbes/Wilund/Usry/Architects, Inc., 5001 North Kings Highway, Suite 203, Myrtle Beach, SC 29577, 803-449-5204

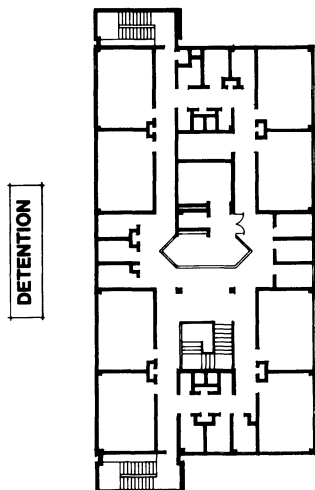
**Construction manager:** None

<p><b>Groundbreaking:</b> May 1981  <b>Finish date:</b> October 1982  <b>Construction time:</b> 17 months</p>	<p><b>Design capacity:</b> 112  <b>Total cost:</b> \$3,743,625  <b>Total annual operating costs:</b> \$588,520</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: city jail; law enforcement, courts, 48-hour lockup  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 14  Double occupancy: 0  Dorms: 98  Special housing: 0  General population: 112  Total: 112</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>

\*Juveniles are detained for no more than 6 hours.



**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><b>Groundbreaking:</b> January 1982  <b>Finish date:</b> December 1983  <b>Construction time:</b> 23 months</p>	<p><b>Design capacity:</b> 120  <b>Total cost:</b> \$280,000  <b>Total annual operating costs:</b> \$3,618,100 (entire facility)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence  Inmate security level:  Maximum: 0  Medium: 0  Minimum: 100%</p>	<p><b>Construction type</b></p> <p>Structural: Masonry bearing  Exterior walls: Brick  Interior walls: CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: State funds  Contract method: State procurement  Use of inmate labor: Extensive  Use of prefabrication: Limited; wood trussed rafters</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 120  Special housing: 0  General population: 120  Total: 120</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>

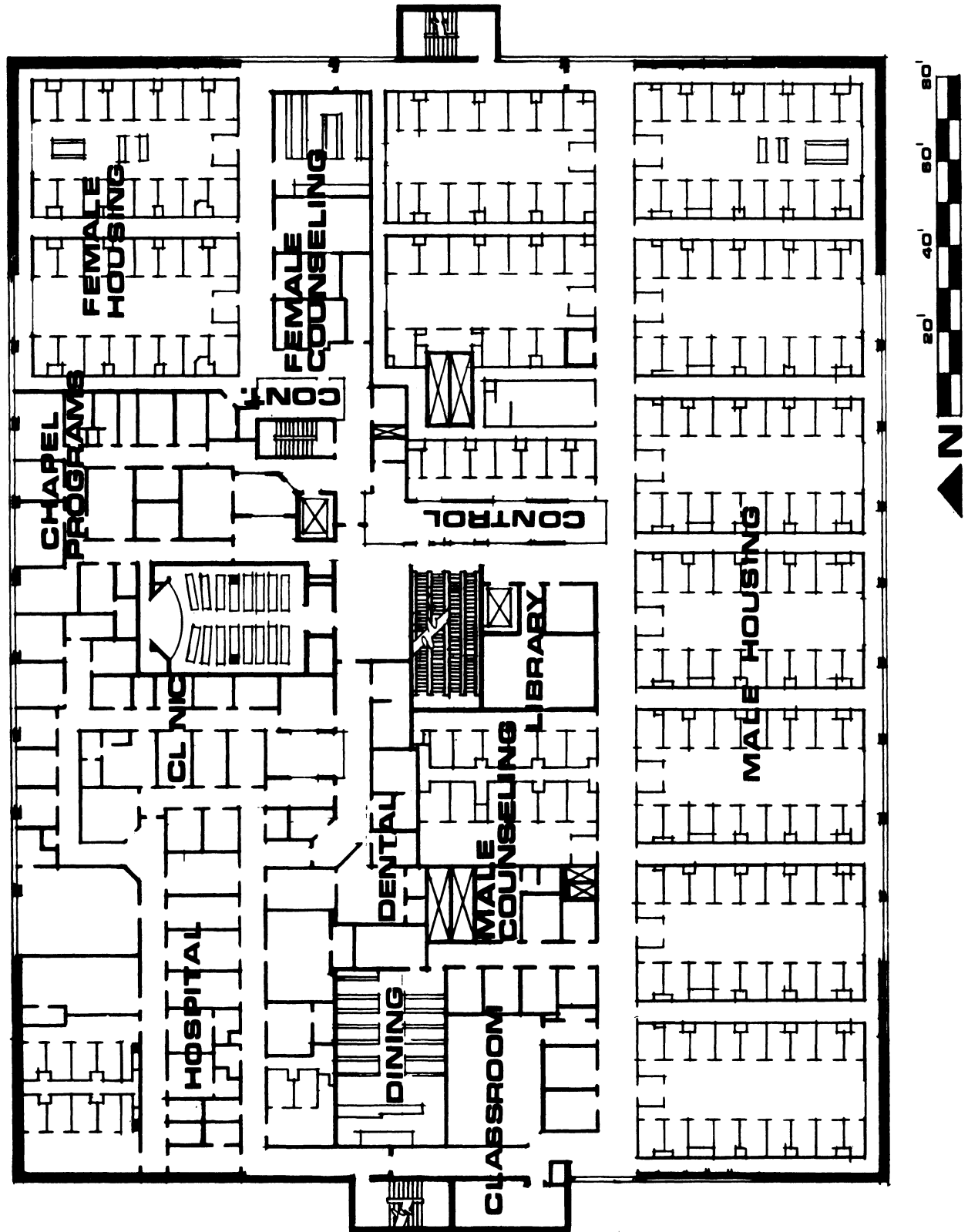
(No floorplan available at time of publication)

# 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

<p><b>Groundbreaking:</b> July 1977  <b>Finish date:</b> August 1981  <b>Construction time:</b> 49 months</p>	<p><b>Design capacity:</b> 1,224  <b>Total cost:</b> \$39,500,000  <b>Total annual operating costs:</b> \$11,904,022</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county and city jail; law enforcement, courts  <b>Building configuration:</b> High rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 4%  Medium: 96%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds; local funds  Contract method: Construction management  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 1,224  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 1,224  Total: 1,224</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

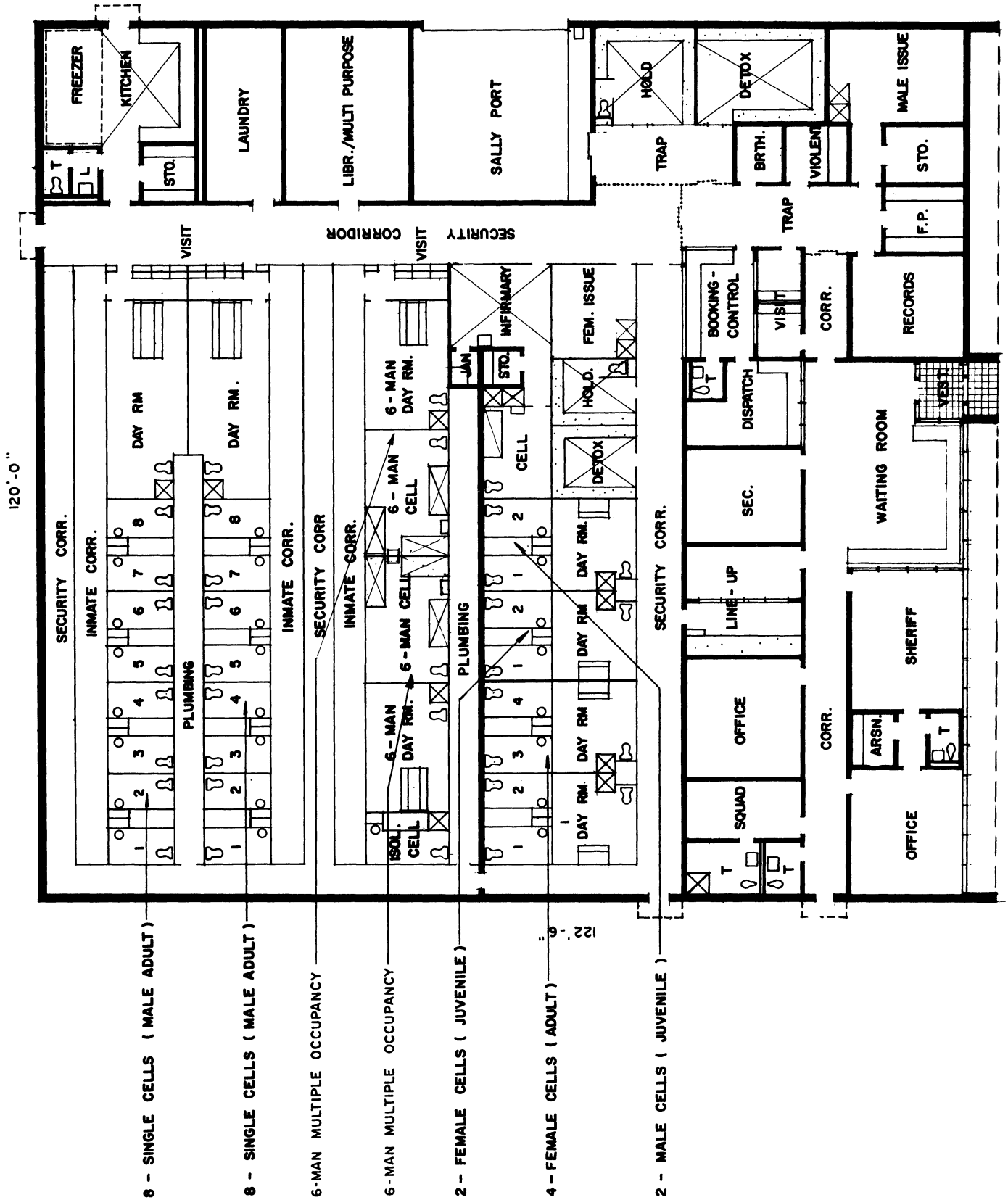
**Contact:** Sheriff Truman A. Maddox, Austin County Jail, P.O. Box 457, Belleville, TX 77418, 409-865-3112

**Architect:** Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032

**Construction manager:** None

<p><b>Groundbreaking:</b> May 1981  <b>Finish date:</b> December 1981  <b>Construction time:</b> 7 months</p>	<p><b>Design capacity:</b> 52  <b>Total cost:</b> \$1,142,520  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></p> <p>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</p>	<p><b>Dimensions</b></p> <p>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</p>	<p><b>Inmate housing areas</b></p> <p>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</p>
<p><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance          Inmate security level:          Maximum: 40%          Medium: 60%          Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame          Exterior walls: Concrete job cast tilt wall panels          Interior walls: CMU block          Exterior surface/facade: Tilt wall concrete</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds; local funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 24          Double occupancy: 0          Dorms: 12          Special housing: 16          General population: 36          Total: 52</p> <p><b>Current staff</b></p> <p>Full-time equivalent:          Administration: 1          Security: 5          Programs/treatment: 0          Maintenance: 0          Total: 6          Current inmate/staff ratio: 2.67:1</p>	<p><b>Architect's reported analyses</b></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</p>





# Beto I Unit

Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

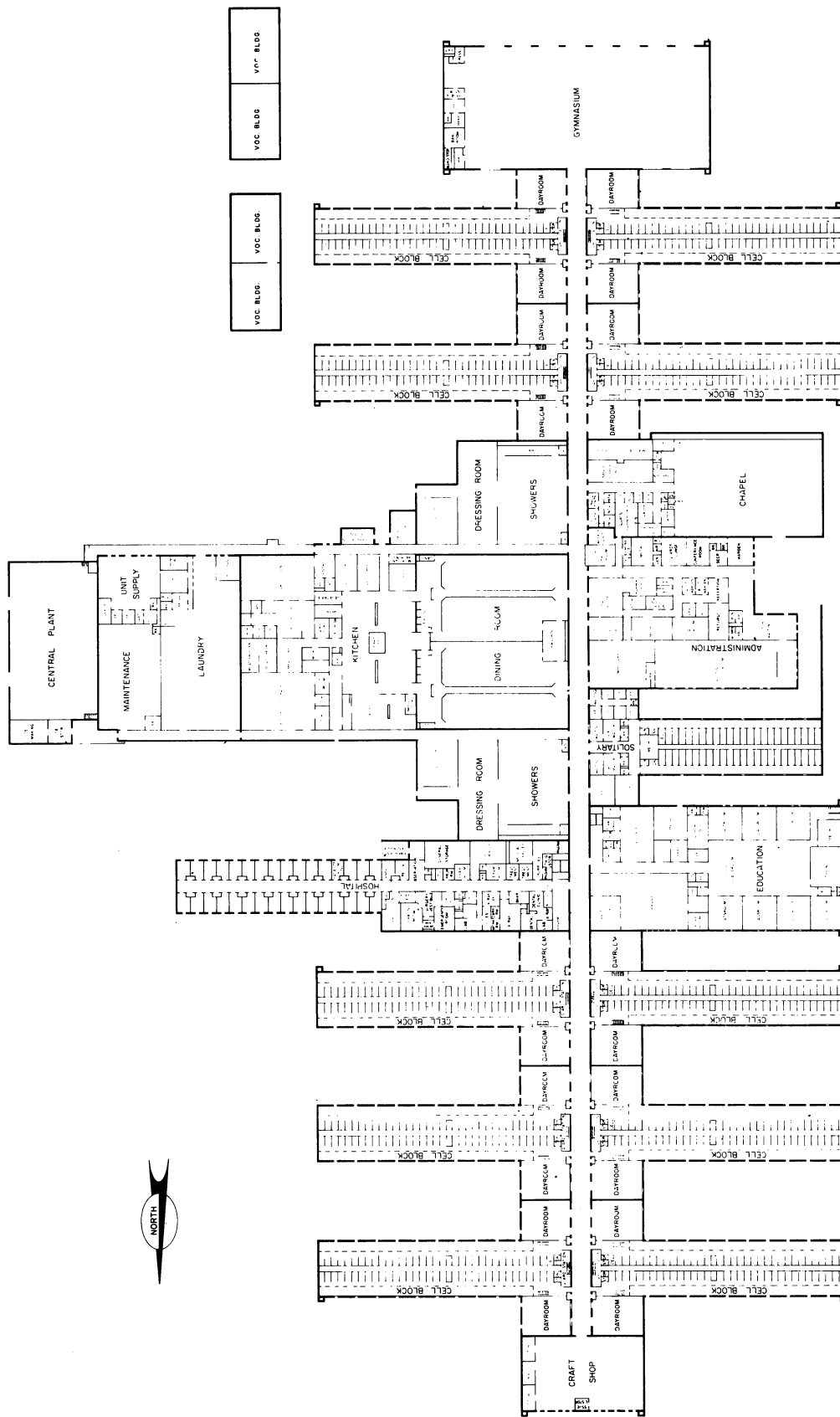
**Contact:** Warden Terry L. Terrell, Beto I Unit, P.O. Box 128, Tennessee Colony, TX 75861, 214-928-2417

**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

<p><b>Groundbreaking:</b> January 1978 <b>Finish date:</b> December 1986 <b>Construction time:</b> 107 months</p>	<p><b>Design capacity:</b> 1,103 <b>Total cost:</b> \$31,215,000 <b>Total annual operating costs:</b> \$5,200,159</p>	<p><b>Category:</b> New, independent facility <b>Facility type:</b> State prison <b>Building configuration:</b> Integrated structure; ladder, telephone pole</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0 Double occupancy: 4,080 Dorms: 0 Special housing: 108 General population: 4,080 Total: 1,103</p> <p><b>Current staff</b></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><b>Inmate housing areas</b></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><b>Construction process</b></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><b>Architects' reported analyses</b></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><b>Inmate cells</b></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>		

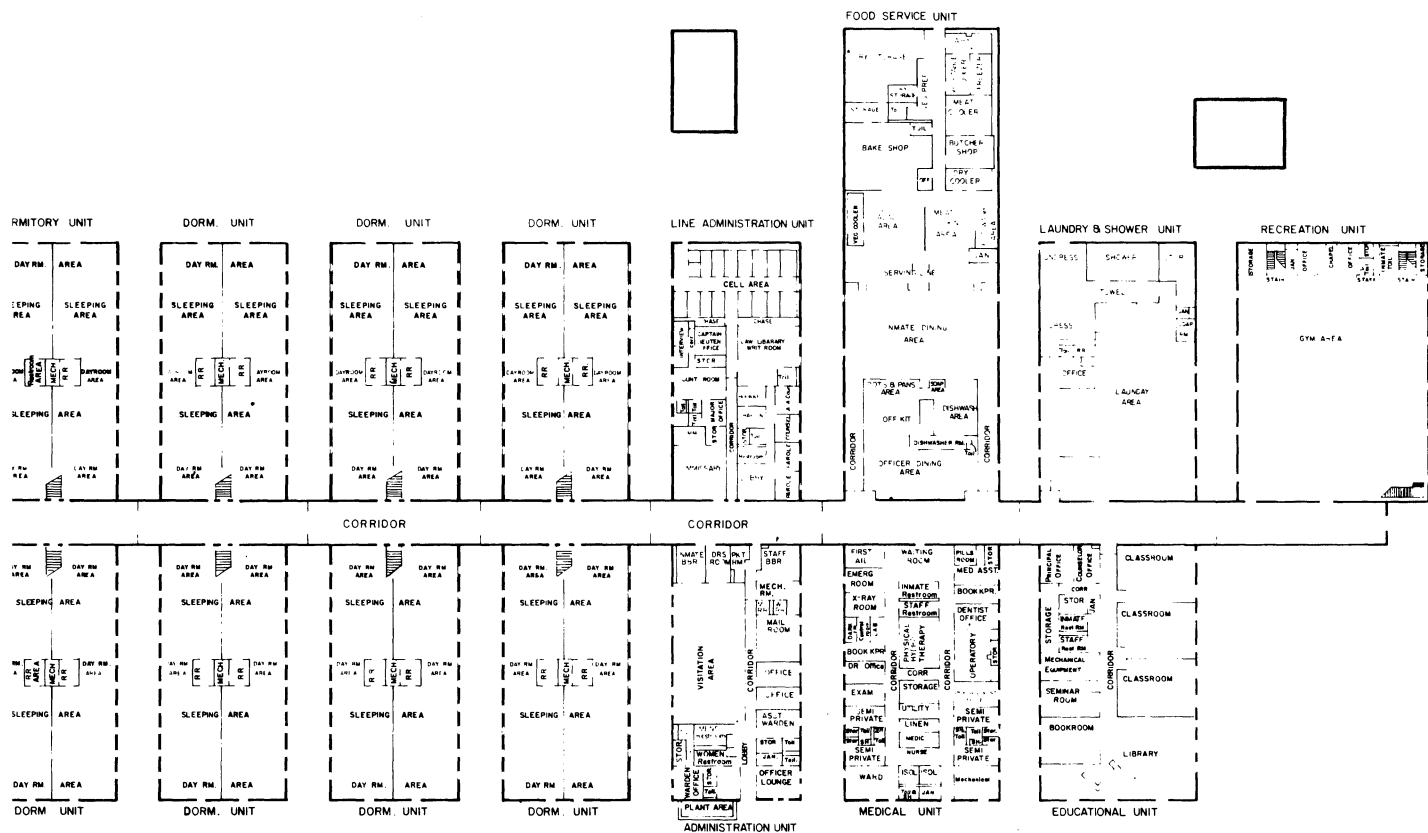


## Beto II Unit

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><b>Groundbreaking:</b> May 1981  <b>Finish date:</b> July 1984  <b>Construction time:</b> 38 months</p>	<p><b>Design capacity:</b> 1,101  <b>Total cost:</b> \$13,177,520  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integrated structure; ladder, telephone pole</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0          Double occupancy: 0          Dorms: 1,056          Special housing: 47          General population: 1,056          Total: 1,101</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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

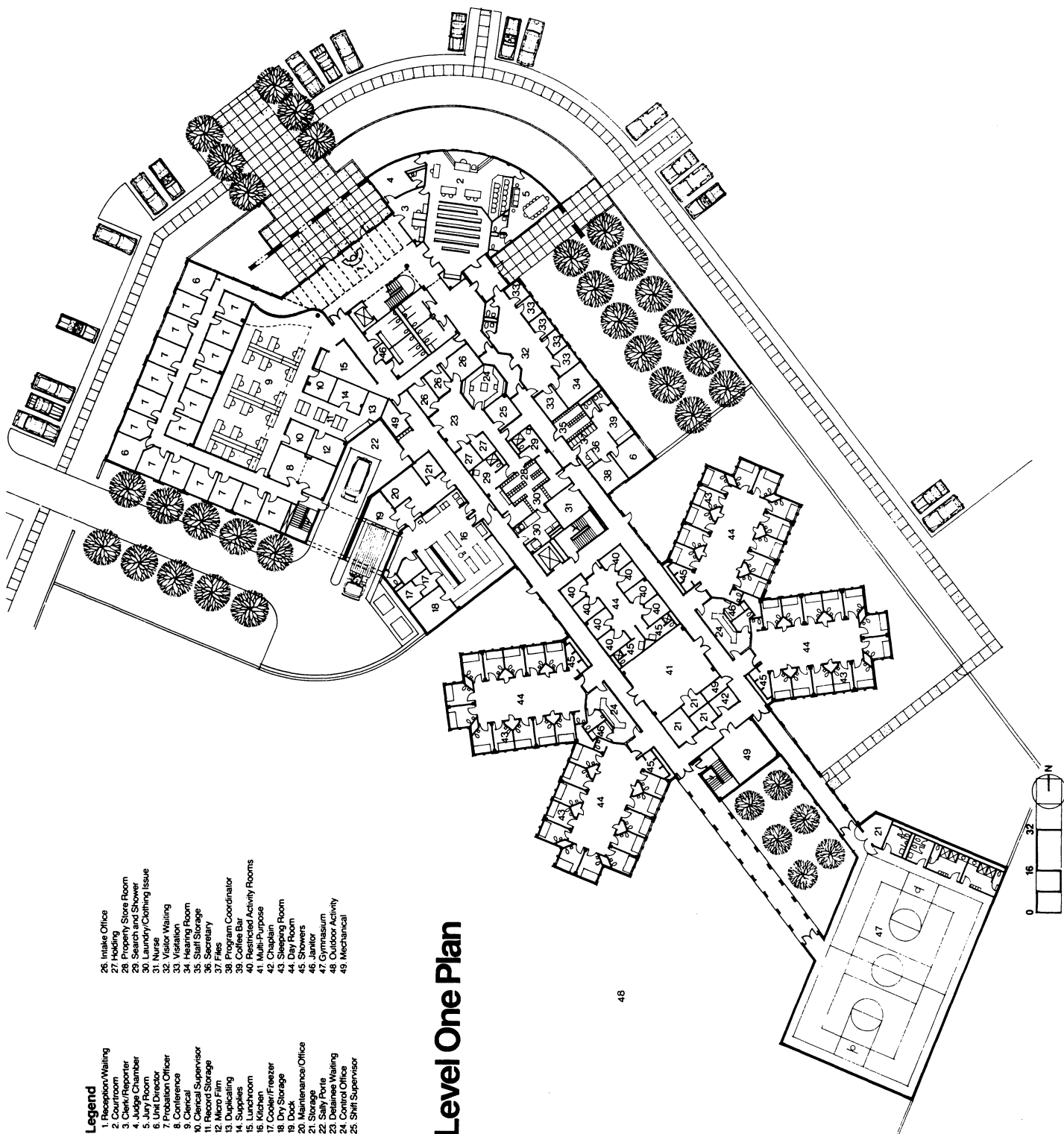
Jurisdiction official: Dr. Tom Broussard, Chief Juvenile Probation Officer

**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

<p><b>Groundbreaking:</b> September 1984 <b>Finish date:</b> January 1986 <b>Construction time:</b> 16 months</p>	<p><b>Design capacity:</b> 104 <b>Total cost:</b> \$5,827,817 <b>Total annual operating costs:</b> \$1,924,328</p>	<p><b>Category:</b> New, independent facility <b>Facility type:</b> Complex: juvenile detention facility, courts, probation <b>Building configuration:</b> Integrated structure; wheel, spoke or radial</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; video camera surveillance Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame Exterior walls: CMU block; architectural precast Interior walls: CMU block Exterior surface/facade: Prefinished concrete masonry units</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds; Certificates of Participation Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 96 Double occupancy: 0 Dorms: 0 Special housing: 8 General population: 96 Total: 104</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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>



**Legend**

- |                         |                               |
|-------------------------|-------------------------------|
| 1. Reception/Waiting    | 26. Intake Office             |
| 2. Courtyard            | 27. Holding / Store Room      |
| 3. Jail Cell            | 28. Search and Shower         |
| 4. Jail Chamber         | 29. Laundry/Clothing Issue    |
| 5. Jury Room            | 30. Nurse                     |
| 6. Unit Director        | 31. Visitor Waiting           |
| 7. Probation Officer    | 32. Hearing Room              |
| 8. Conference           | 33. Mail Storage              |
| 9. Clerical Supervisor  | 34. Staff Storage             |
| 10. Clerical Supervisor | 35. Staff Storage             |
| 11. Micro Film          | 36. Staff Storage             |
| 12. Micro Film          | 37. Program Coordinator       |
| 13. Duplicating         | 38. Coffee Bar                |
| 14. Supplies            | 39. Multi-Purpose             |
| 15. Lunchroom           | 40. Restricted Activity Rooms |
| 16. Kitchen             | 41. Chapel                    |
| 17. Cooler/Freezer      | 42. Chapel                    |
| 18. Dry Storage         | 43. Chapel                    |
| 19. Dry Storage         | 44. Chapel                    |
| 20. Maintenance Office  | 45. Chapel                    |
| 21. Storage             | 46. Janitor                   |
| 22. Sally Ports         | 47. Gymnasium                 |
| 23. Detainee Waiting    | 48. Outdoor Activity          |
| 24. Control Office      | 49. Mechanical                |
| 25. Shift Supervisor    |                               |

**Level One Plan**

# Brazoria County Sheriff's Department Detention Center II

Jurisdiction official: E.J. King, Sheriff

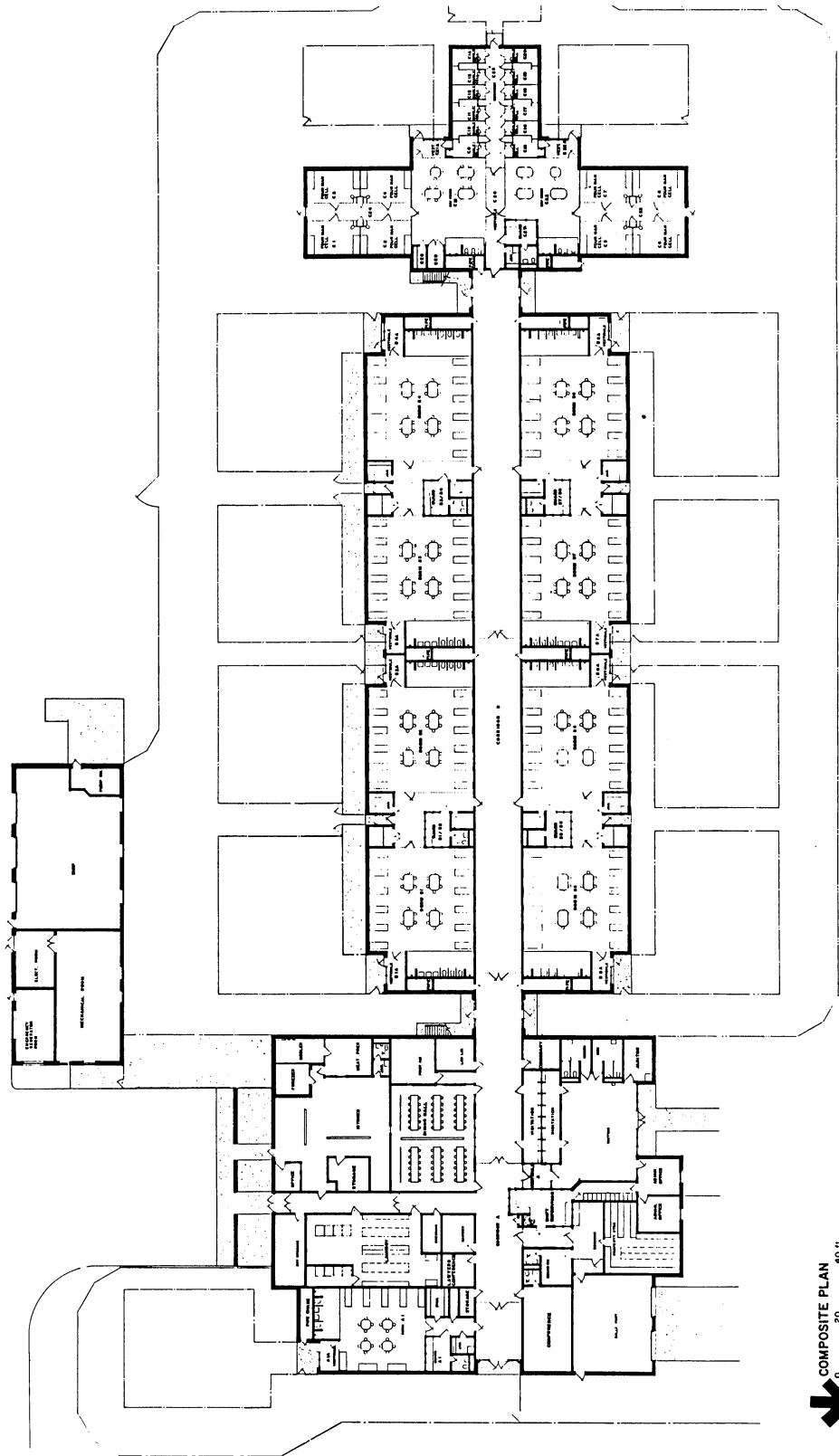
**Contact:** Captain Richard A. Dix, Brazoria County Sheriff's Department Detention Center II, P.O. Box 1046, 3602 County Road 45, Angleton, TX 77515, 409-849-8263

**Architect:** Brooks Association for Architecture and Planning, 2200 West Loop South, Suite 895, Houston, TX 77027, 713-871-0667

**Construction manager:** None

<p><b>Groundbreaking:</b> November 1983  <b>Finish date:</b> November 1985  <b>Construction time:</b> 24 months</p>	<p><b>Design capacity:</b> 252  <b>Total cost:</b> \$4,754,221  <b>Total annual operating costs:</b> \$1,253,632</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Ladder, telephone pole</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire between fences          Inmate security level:            Maximum: 0            Medium: 20%            Minimum: 80%</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><b>Construction process</b></p> <p>Finance method: G.O. Bonds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 12          Double occupancy: 0          Dorms: 240          Special housing: 0          General population: 252          Total: 252</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>





COMPOSITE PLAN  
0 20 40 ft.

# Chambers County Law Enforcement Center

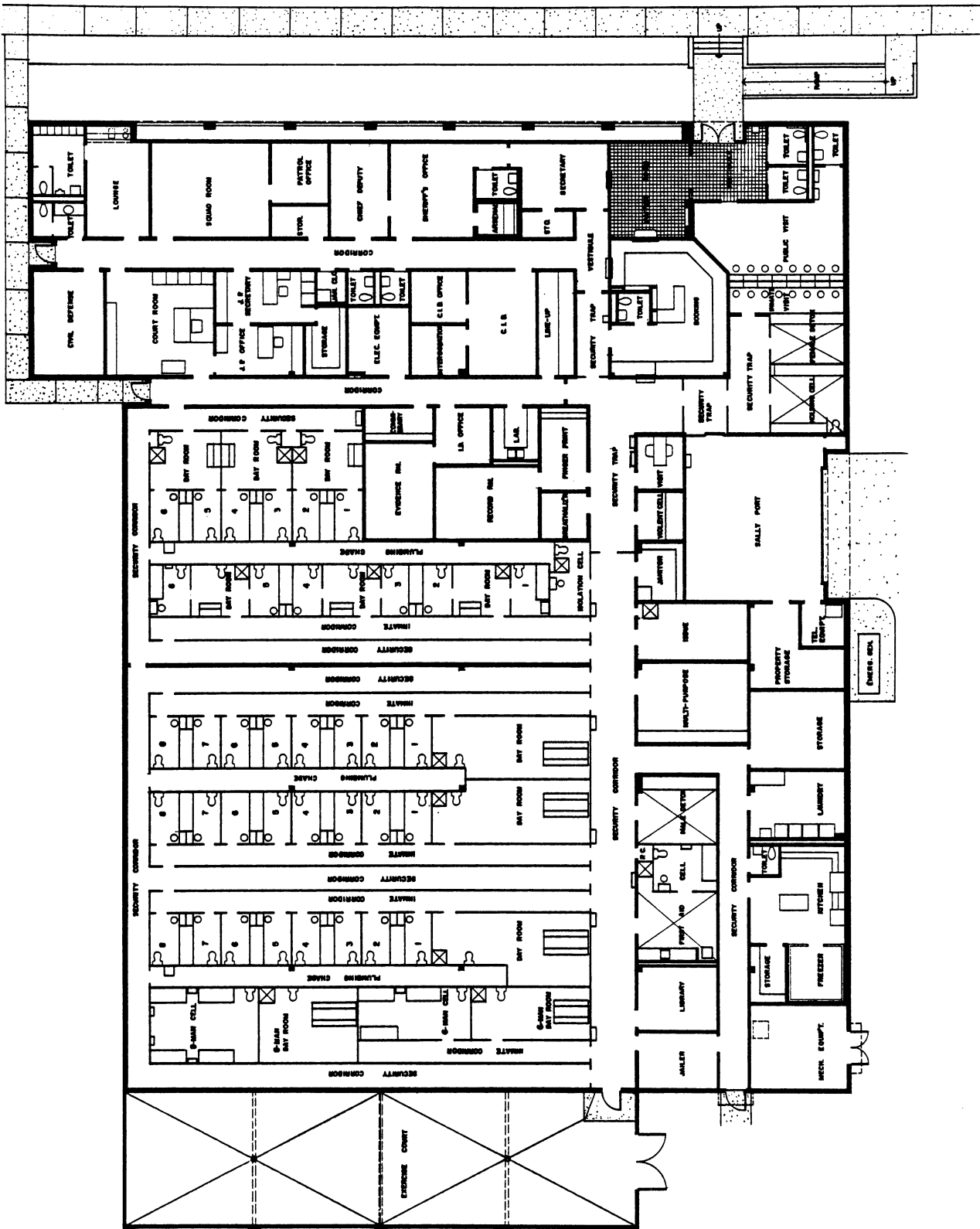
Jurisdiction official: C.E. "Chuck" Morris, Sheriff

**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><b>Groundbreaking:</b> December 1981  <b>Finish date:</b> May 1983  <b>Construction time:</b> 17 months</p>	<p><b>Design capacity:</b> 75  <b>Total cost:</b> \$1,956,000  <b>Total annual operating costs:</b> \$1,200,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement, courts  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance  Inmate security level:  Maximum: 75%  Medium: 25%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Architectural precast  Interior walls: CMU block; steel in detention area  Exterior surface/facade: Textured concrete</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 36  Double occupancy: 0  Dorms: 14  Special housing: 25  General population: 50  Total: 75</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

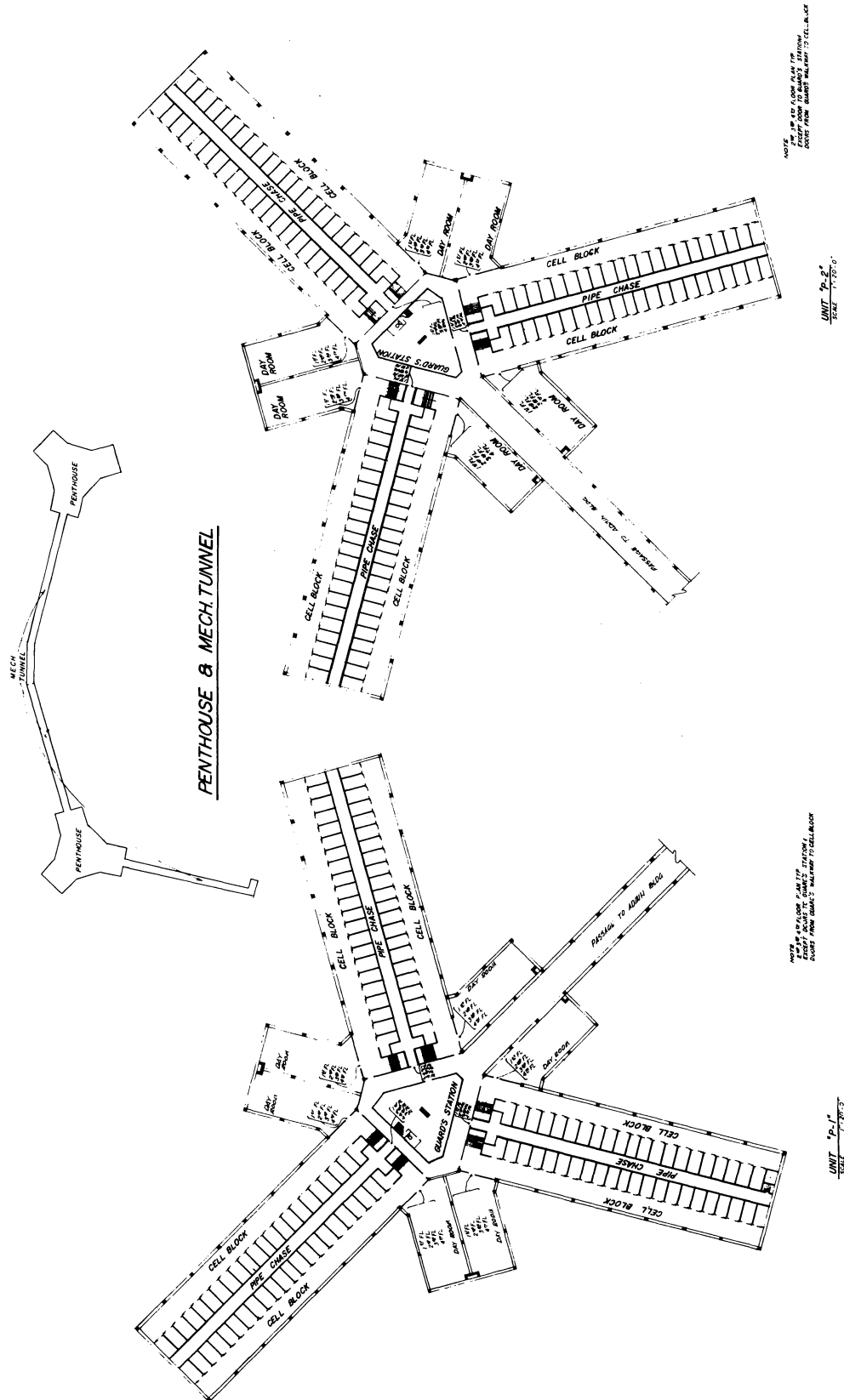
Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

**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

<p><b>Groundbreaking:</b> July 1965  <b>Finish date:</b> July 1979  <b>Construction time:</b> 168 months</p>	<p><b>Design capacity:</b> 3,783  <b>Total cost:</b> \$12,641,281  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Wheel, spoke or radial</p>
<p><b>Costs</b></p> <p>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</p>	<p><b>Dimensions</b></p> <p>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</p>	<p><b>Inmate housing areas</b></p> <p>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</p>
<p><b>Security</b></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><b>Construction type</b></p> <p>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</p>	<p><b>Construction process</b></p> <p>Finance method: State funds          Contract method: Conventional; inmate labor          Use of inmate labor: 100%          Use of prefabrication: Limited; jail steel</p>
<p><b>Inmate cells</b></p> <p>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</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 0          Double occupancy: 2,354          Dorms: 340          Special housing: 1,089          General population: 2,694          Total: 3,783</p> <p><b>Current staff</b></p> <p>Full-time equivalent:          Administration: Unknown          Security: Unknown          Programs/treatment: Unknown          Maintenance: Unknown          Total: Unknown          Current inmate/staff ratio: Unknown</p>	<p><b>Architect's reported analyses</b></p> <p>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</p> <p>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</p>

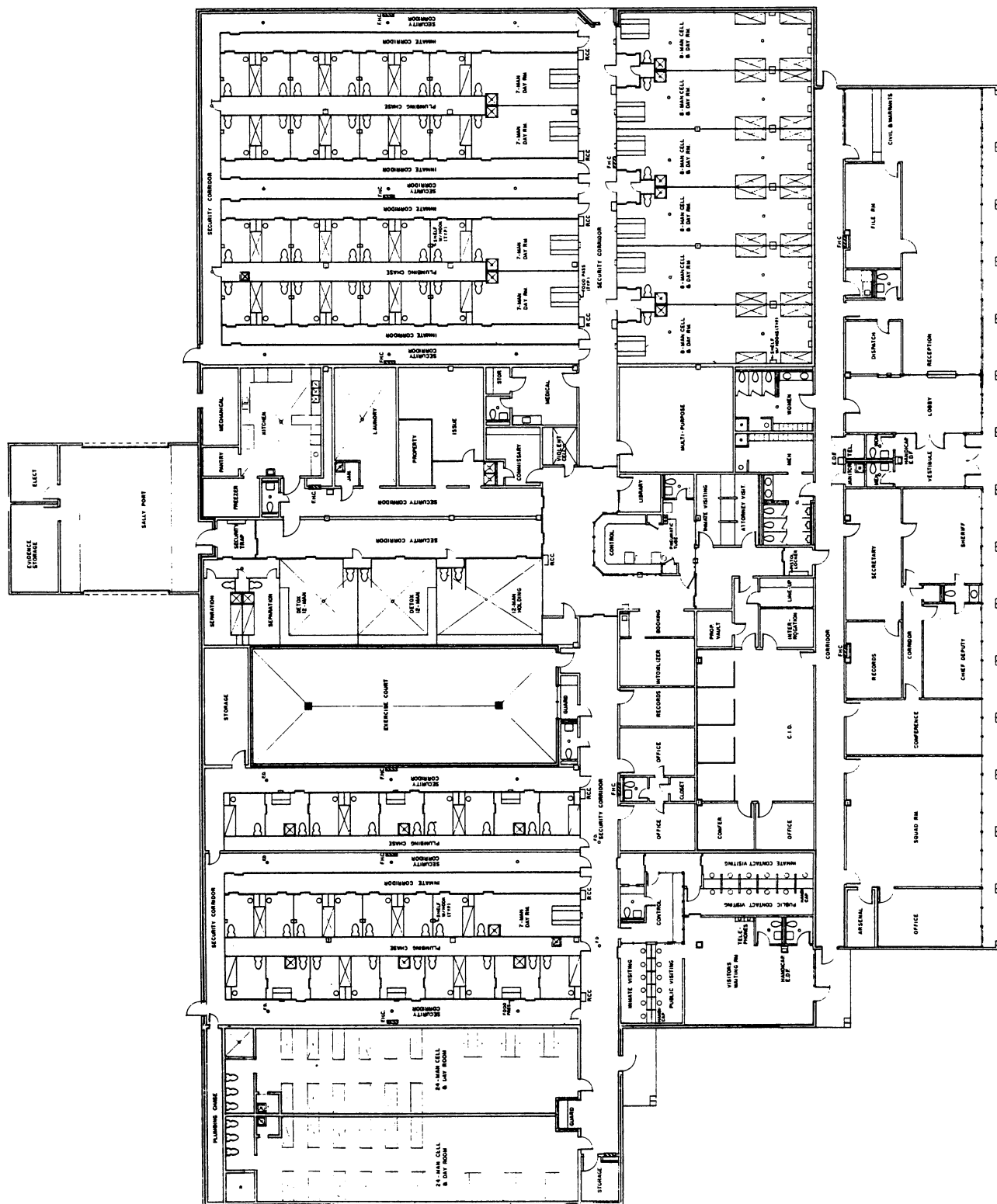


# Comal County Jail

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

<p><b>Groundbreaking:</b> February 1984  <b>Finish date:</b> June 1985  <b>Construction time:</b> 16 months</p>	<p><b>Design capacity:</b> 184  <b>Total cost:</b> \$2,727,000  <b>Total annual operating costs:</b> \$764,461</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance  Inmate security level:  Maximum: 34%  Medium: 66%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Architectural precast  Interior walls: CMU block; steel in detention area  Exterior surface/facade: Textured concrete</p>	<p><b>Construction process</b></p> <p>Finance method: Local funds; Certificates of Obligation  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 47  Double occupancy: 0  Dorms: 96  Special housing: 39  General population: 145  Total: 184</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

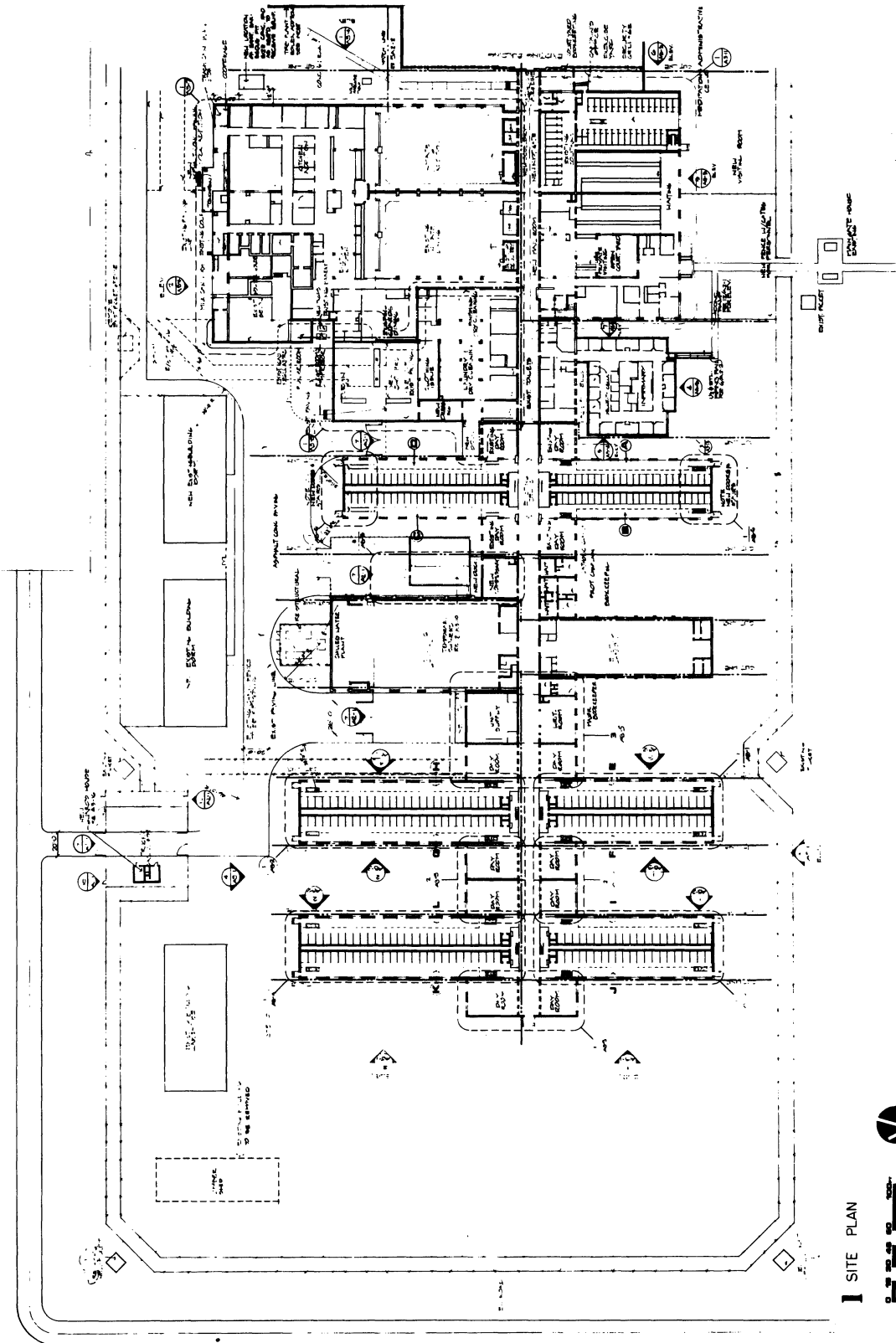
**Contact:** Warden Keith Price, Ph.D., Darrington Unit, Rt. 3, Box 59, Rosharon, TX 77583, 713-595-3465

**Architect:** W. Gene Williams & Associates, Inc., 3000 South Post Oak—1470, Houston, TX 77056, 713-440-4422

**Construction manager:** None

<p><b>Groundbreaking:</b> May 1980  <b>Finish date:</b> May 1987  <b>Construction time:</b> 84 months</p>	<p><b>Design capacity:</b> 1,344  <b>Total cost:</b> \$11,030,238  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, ancillary building; remodel/renovation; expansion  <b>Facility type:</b> State prison  <b>Building configuration:</b> Ladder, telephone pole</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 1,128  Dorms: 152  Special housing: 74  General population: 1,270  Total: 1,344</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

<p><b>Groundbreaking:</b> December 1984  <b>Finish date:</b> February 1986  <b>Construction time:</b> 14 months</p>	<p><b>Design capacity:</b> 448  <b>Total cost:</b> \$7,224,119  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Ladder, telephone pole</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on fences  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Limited; jail steel</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 448  Dorms: 0  Special housing: 0  General population: 448  Total: 448</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> March 1983  <b>Finish date:</b> December 1984  <b>Construction time:</b> 21 months</p>	<p><b>Design capacity:</b> 2,358  <b>Total cost:</b> \$43,941,497  <b>Total annual operating costs:</b>                  \$21,271,082</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Ladder, telephone pole</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; razor wire on fence; towers; patrols                  Inmate security level:                  Maximum: 100%                  Medium: 0                  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0                  Double occupancy: 2,268                  Dorms: 0                  Special housing: 90                  General population: 2,268                  Total: 2,358</p> <p><b>Current staff</b></p> <p>Full-time equivalent:                  Administration: 47                  Security: 478                  Programs/treatment: 167                  Maintenance: 12                  Total: 704                  Current inmate/staff ratio: 2.49:1</p>	<p><b>Architect's reported analyses</b></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>

(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><b>Groundbreaking:</b> July 1984  <b>Finish date:</b> August 1985  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 61  <b>Total cost:</b> \$1,455,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, State Department of Public Safety; Justice of Peace  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 40%  Medium: 55%  Minimum: 5%</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 18  Double occupancy: 4  Dorms: 8  Other: 16  Special housing: 15  General population: 46  Total: 61</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> September 1976  <b>Finish date:</b> August 1979  <b>Construction time:</b> 35 months</p>	<p><b>Design capacity:</b> 501  <b>Total cost:</b> \$10,950,000  <b>Total annual operating costs:</b> \$7,284,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Federal prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; alarm/detection system  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Federal funds  Contract method: Construction management fast track  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 460  Double occupancy: 0  Dorms: 0  Special housing: 41  General population: 460  Total: 501</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

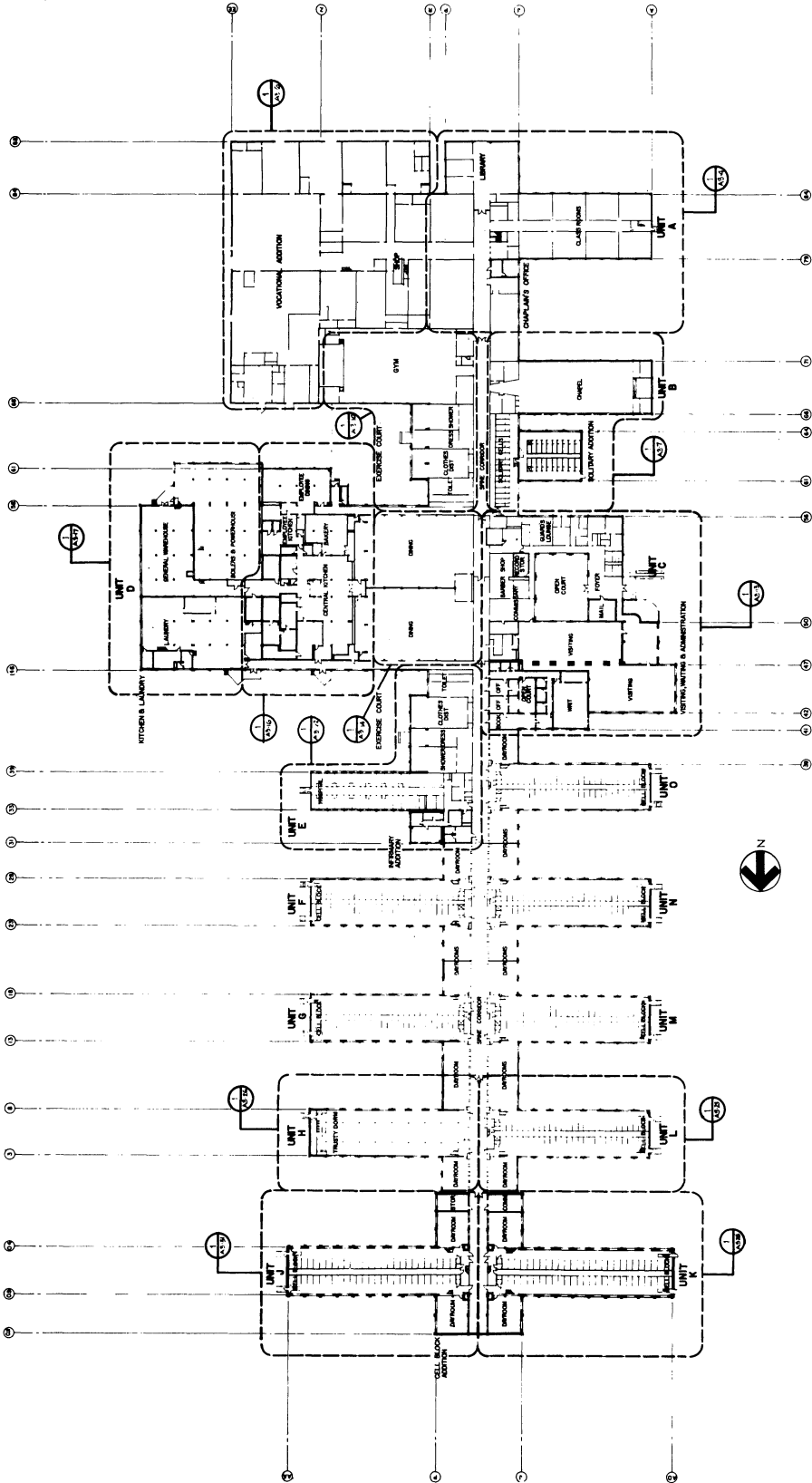
Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

**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><b>Groundbreaking:</b> May 1981  <b>Finish date:</b> May 1985  <b>Construction time:</b> 48 months</p>	<p><b>Design capacity:</b> 656  <b>Total cost:</b> \$32,000,000  <b>Total annual operating costs:</b> N/A (expansion)</p>	<p><b>Category:</b> Remodeling/renovation project; expansion project  <b>Facility type:</b> State prison  <b>Building configuration:</b> Ladder, telephone pole</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0          Double occupancy: 624          Dorms: 0          Special housing: 32          General population: 624          Total: 656</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

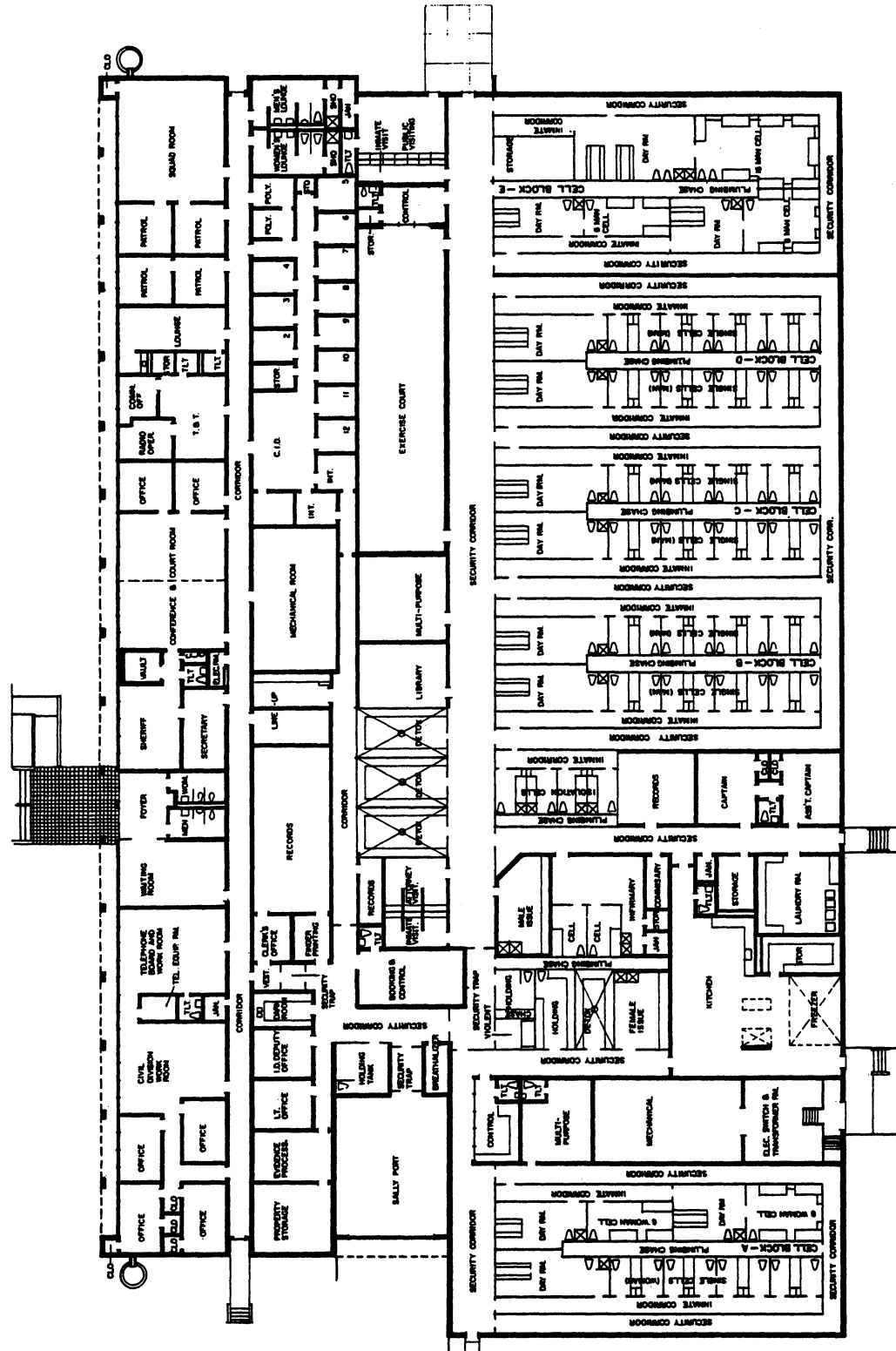
Jurisdiction official: Gus George, Sheriff

**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><b>Groundbreaking:</b> July 1979  <b>Finish date:</b> September 1980  <b>Construction time:</b> 14 months</p>	<p><b>Design capacity:</b> 166  <b>Total cost:</b> \$3,139,000  <b>Total annual operating costs:</b> \$1,421,613</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement, courts  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only; video camera surveillance  Inmate security level:  Maximum: 33%  Medium: 67%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Architectural precast  Interior walls: CMU block; steel in detention area  Exterior surface/facade: Textured concrete</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 56  Double occupancy: 0  Dorms: 44  Special housing: 66  General population: 100  Total: 166</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> July 1983  <b>Finish date:</b> August 1984  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 127  <b>Total cost:</b> \$1,140,000  <b>Total annual operating costs:</b> \$1,421,613 (entire facility)</p>	<p><b>Category:</b> Expansion project  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance  Inmate security level:  Maximum: 5%  Medium: 95%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Architectural precast  Interior walls: CMU block; steel in detention area  Exterior surface/facade: Textured concrete</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 124  Special housing: 3  General population: 124  Total: 127</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> June 1978  <b>Finish date:</b> July 1979  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 21  <b>Total cost:</b> \$710,400  <b>Total annual operating costs:</b> \$71,950</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: city jail, law enforcement, courts  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance          Inmate security level:            Maximum: 100%            Medium: 0            Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame          Exterior walls: CMU block; brick          Interior walls: CMU block          Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 2          Double occupancy: 4          Dorms: 8          Special housing: 7          General population: 14          Total: 21</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

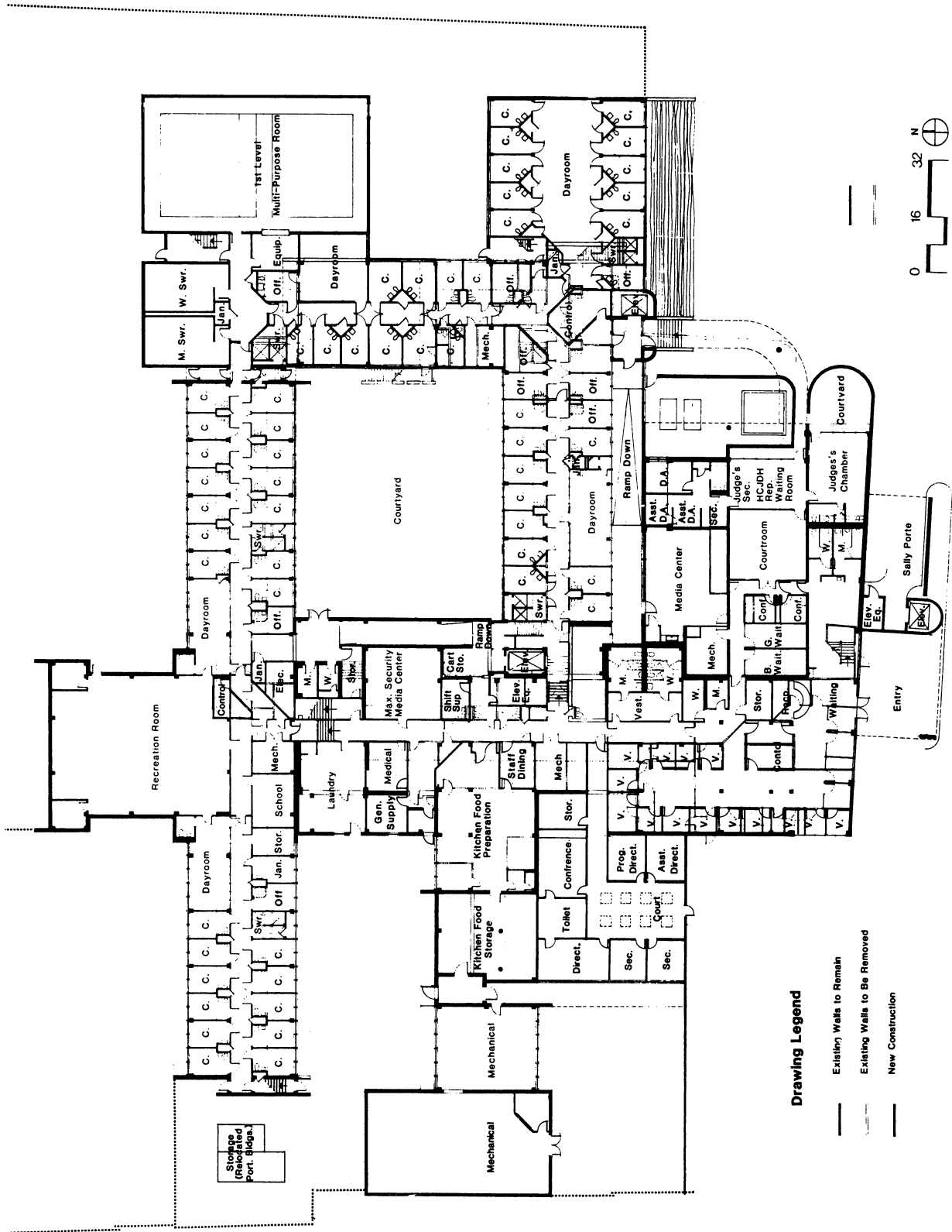
Jurisdiction official: John A. Cocoros, Chief Probation Officer

**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><b>Groundbreaking:</b> June 1982  <b>Finish date:</b> May 1985  <b>Construction time:</b> 35 months</p>	<p><b>Design capacity:</b> 198  <b>Total cost:</b> \$10,200,000  <b>Total annual operating costs:</b> \$4,110,657 (entire facility)</p>	<p><b>Category:</b> Remodeling/renovation project; expansion  <b>Facility type:</b> Complex: county jail, law enforcement, courts, juv. detention  <b>Building configuration:</b> Int. structure; high rise; wheel, spoke or radial</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; alarm/detection systems; video camera surveillance  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 198  Double occupancy: 0  Dorms: 0  Special housing: 0  General population: 198  Total: 198</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> September 1984  <b>Finish date:</b> October 1985  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 184  <b>Total cost:</b> \$853,600  <b>Total annual operating costs:</b> N/A (expansion)</p>	<p><b>Category:</b> Expansion project  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance  Inmate security level:  Maximum: 0  Medium: 100%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Brick  Interior walls: CMU block  Exterior surface/facade: Brick veneer with concrete block backup</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 0  Dorms: 184  Special housing: 0  General population: 184  Total: 184</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></p> <p>Factors affecting construction costs:  Positive: Simple construction methods, repetitiveness of design; good competition, favorable market  Negative: Difficult site conditions  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

<p><b>Groundbreaking:</b> December 1982  <b>Finish date:</b> June 1984  <b>Construction time:</b> 19 months</p>	<p><b>Design capacity:</b> 109  <b>Total cost:</b> \$2,845,000  <b>Total annual operating costs:</b> \$256,200 (jail only)</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement, courts  <b>Building configuration:</b> Courtyard</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 30%  Medium: 30%  Minimum: 40%</p>	<p><b>Construction type</b></p> <p>Structural: Cast-in-place concrete frame  Exterior walls: Brick  Interior walls: Glazed structural tile  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Construction management  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 38  Double occupancy: 0  Dorms: 36  Special housing: 35  General population: 74  Total: 109</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

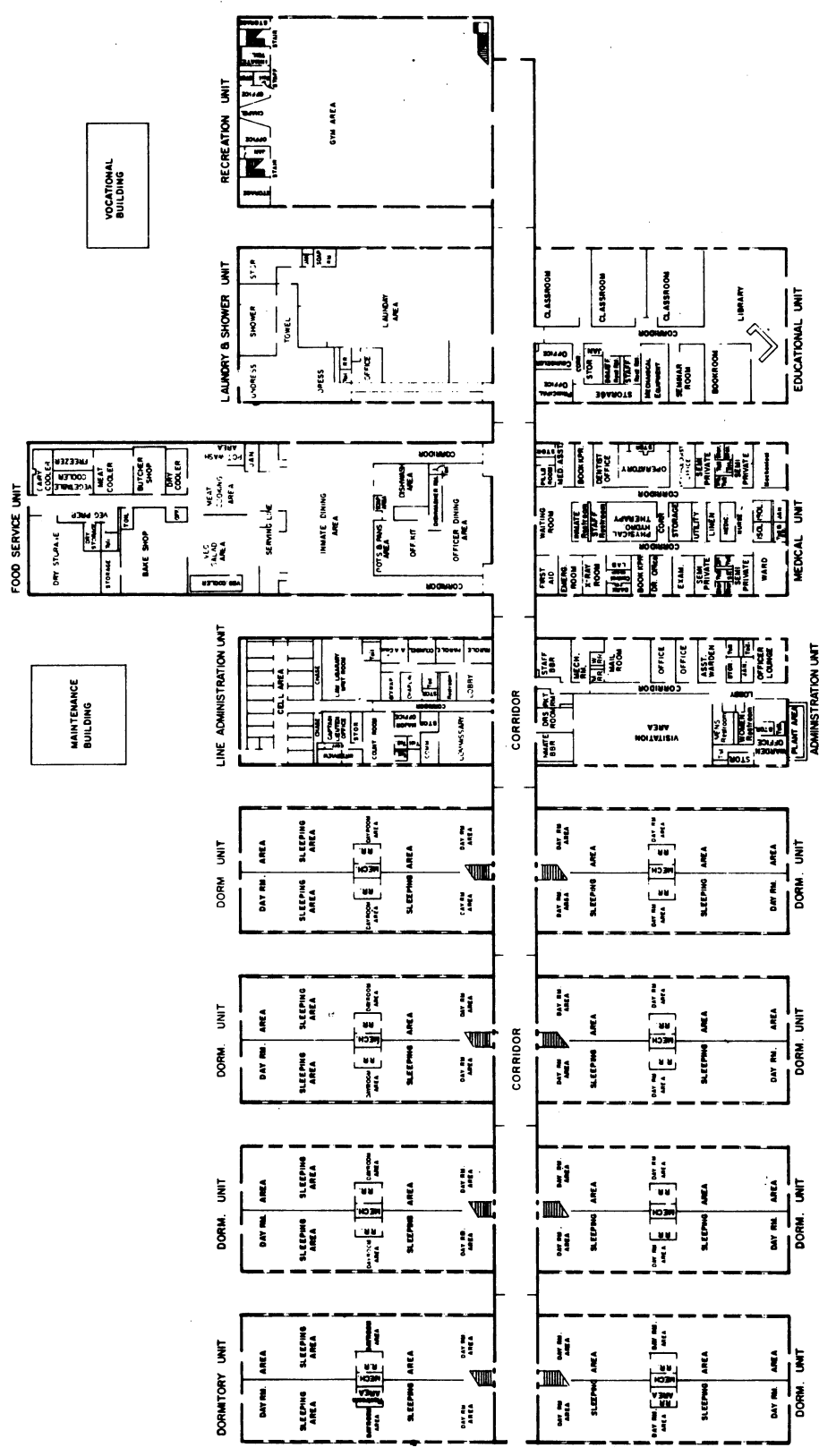
# Jester Unit Number 3

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

<p><b>Groundbreaking:</b> August 1981  <b>Finish date:</b> July 1984  <b>Construction time:</b> 35 months</p>	<p><b>Design capacity:</b> 1,060  <b>Total cost:</b> \$14,044,570  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integrated structure; ladder, telephone pole</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></p> <p>Structural: Steel frame          Exterior walls: "Sandwich panel" type metal buildings          Interior walls: CMU block; jail steel          Exterior surface/facade: Metal</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0          Double occupancy: 0          Dorms: 952          Special housing: 108          General population: 952          Total: 1,060</p> <p><b>Current staff</b></p> <p>Full-time equivalent:          Administration: Unknown          Security: Unknown          Programs/treatment: Unknown          Maintenance: Unknown          Total: Unknown          Current inmate/staff ratio: Unknown</p>	<p><b>Architects' reported analyses</b></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><b>Groundbreaking:</b> June 1986  <b>Finish date:</b> April 1985  <b>Construction time:</b> 10 months</p>	<p><b>Design capacity:</b> 21  <b>Total cost:</b> \$800,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: city jail; law enforcement  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Video camera surveillance  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Architectural precast  Interior walls: CMU block  Exterior surface/facade: Textured concrete</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds; local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 8  Dorms: 4  Special housing: 9  General population: 12  Total: 21</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: Unknown  Security: Unknown  Programs/treatment: Unknown  Maintenance: Unknown  Total: Unknown  Current inmate/staff ratio: Unknown</p>	<p><b>Architect's reported analyses</b></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)

# Low Sterrett Justice Center

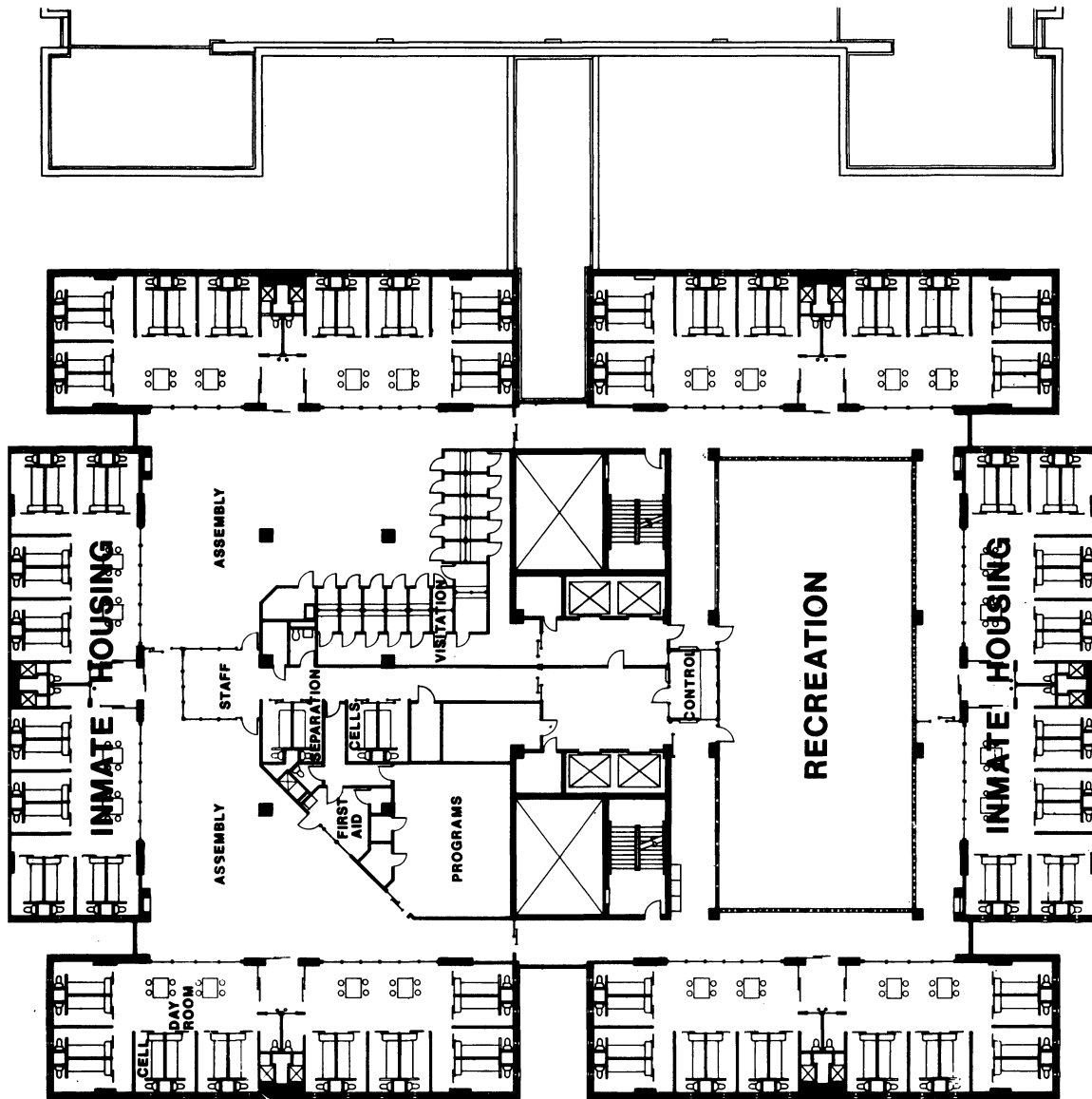
Jurisdiction official: Jim Bowles, Sheriff

**Contact:** Major Bob Knowles, Deputy Detentions Commander, Low 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><b>Groundbreaking:</b> March 1979 <b>Finish date:</b> November 1983 <b>Construction time:</b> 56 months</p>	<p><b>Design capacity:</b> 1,162 <b>Total cost:</b> \$52,585,999 <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility; phased project (future) <b>Facility type:</b> County jail; city jail <b>Building configuration:</b> High rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; razor wire on fences; patrols; video camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Cast-in-place concrete frame Exterior walls: Brick Interior walls: Structural glazed tile Exterior surface/facade: Brick</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 800 Double occupancy: 0 Dorms: 335 Special housing: 27 General population: 1,135 Total: 1,162</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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 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><b>Groundbreaking:</b> March 1984  <b>Finish date:</b> April 1985  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 87  <b>Total cost:</b> \$1,610,000  <b>Total annual operating costs:</b> N/A (expansion)</p>	<p><b>Category:</b> Remodeling/renovation project; expansion  <b>Facility type:</b> Complex: county jail, law enforcement  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance  Inmate security level:  Maximum: 40%  Medium: 60%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: CMU block; brick  Interior walls: CMU block; steel in detention section  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds; local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 24  Double occupancy: 0  Dorms: 36  Special housing: 27  General population: 60  Total: 87</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> April 1981  <b>Finish date:</b> January 1983  <b>Construction time:</b> 21 months</p>	<p><b>Design capacity:</b> 24  <b>Total cost:</b> \$835,000  <b>Total annual operating costs:</b> \$1,944,040</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: city jail, law enforcement, courts  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: CMU block; brick  Interior walls: CMU block; steel in detention area  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds; local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 8  Dorms: 4  Special housing: 12  General population: 12  Total: 24</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: 16  Security: 30  Programs/treatment: 0  Maintenance: 0  Total: 46  Current inmate/staff ratio: N/A</p>	<p><b>Architect's reported analyses</b></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

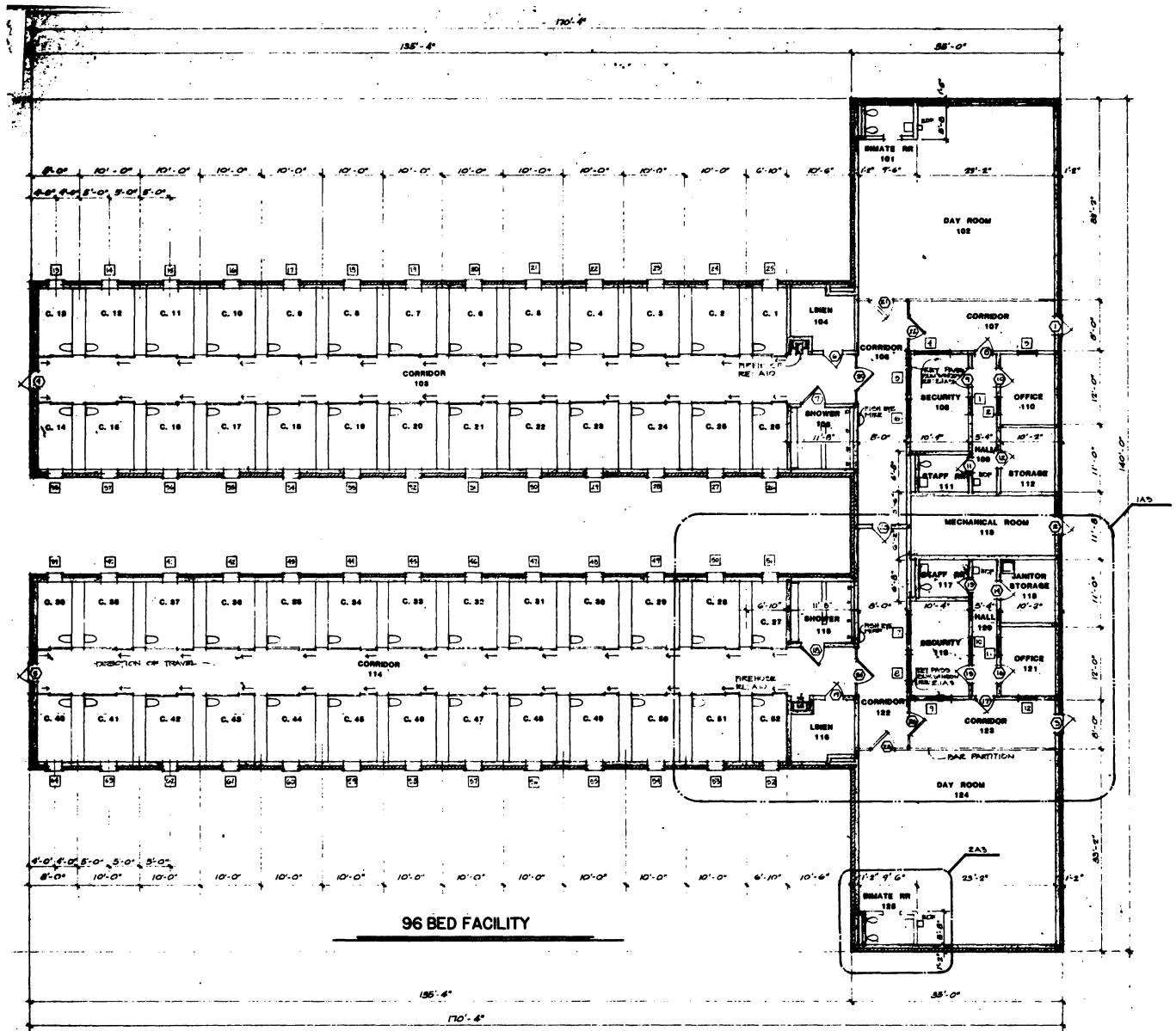
**Contact:** Warden Catherine Craig, Mountain View Unit, Route 4, Box 800, Gatesville, TX 76528, 817-865-7226

**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

<p><b>Groundbreaking:</b> June 1984  <b>Finish date:</b> April 1986  <b>Construction time:</b> 22 months</p>	<p><b>Design capacity:</b> 96  <b>Total cost:</b> \$2,274,755  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison (women's facility)  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Current staff</b></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><b>Architects' reported analyses</b></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>

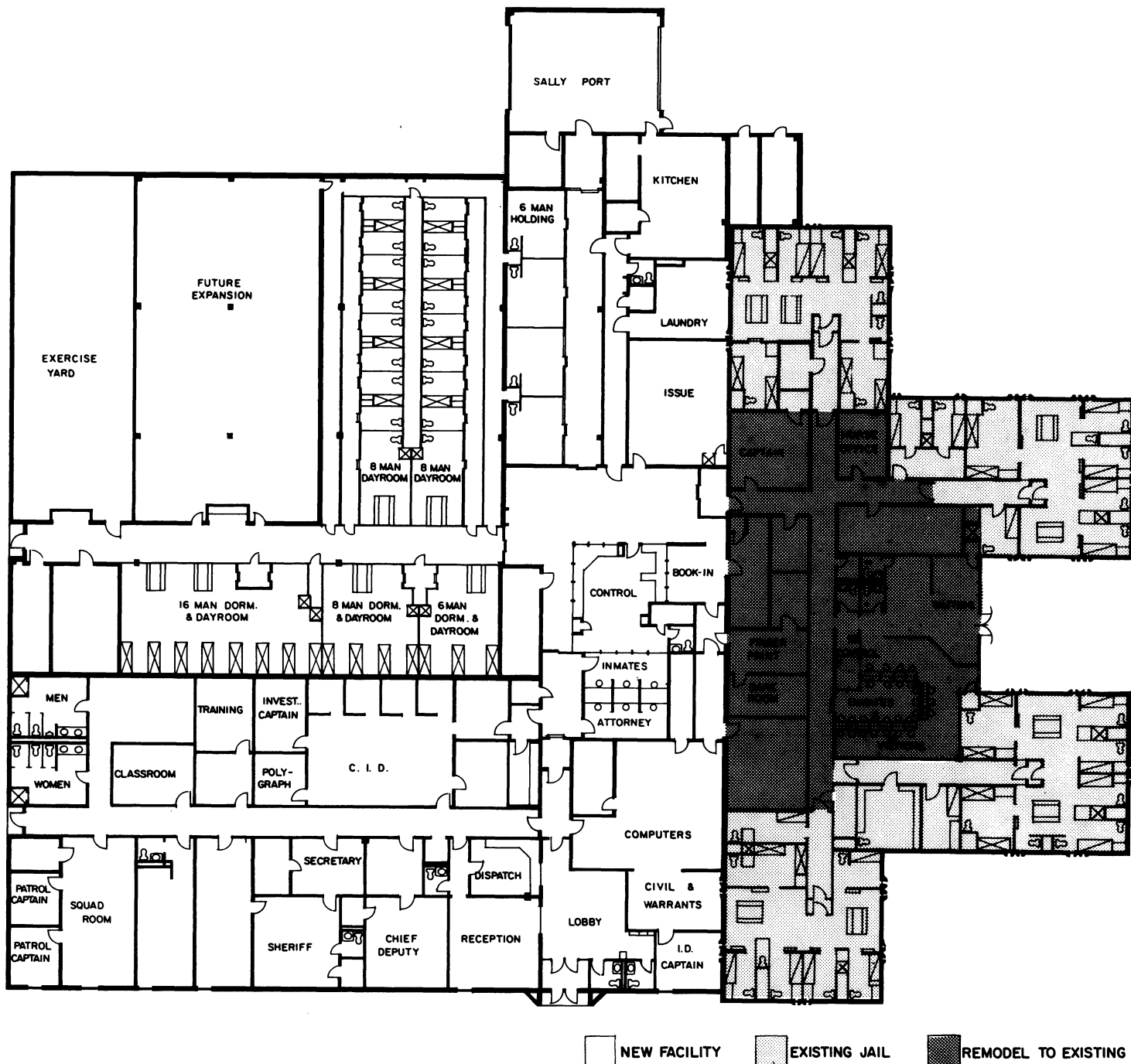


# Orange County Jail (Addition)

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><b>Groundbreaking:</b> March 1984  <b>Finish date:</b> May 1985  <b>Construction time:</b> 14 months</p>	<p><b>Design capacity:</b> 64  <b>Total cost:</b> \$1,800,000  <b>Total annual operating costs:</b> N/A (addition)</p>	<p><b>Category:</b> New, ancillary building; phased project (future)  <b>Facility type:</b> Complex: county jail, law enforcement  <b>Building configuration:</b> Integ. structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 34%  Medium: 66%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: CMU block  Interior walls: CMU block; steel in detention area  Exterior surface/facade: CMU (textured)</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds; local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 16  Double occupancy: 0  Dorms: 30  Special housing: 18  General population: 46  Total: 64</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> July 1985  <b>Finish date:</b> May 1986  <b>Construction time:</b> 10 months</p>	<p><b>Design capacity:</b> 36  <b>Total cost:</b> \$1,360,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: city jail, law enforcement, courts, E.O.C.  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Video camera surveillance  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: CMU block  Interior walls: CMU block; steel in detention areas  Exterior surface/facade: Textured CMU</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0  Double occupancy: 10  Dorms: 8  Special housing: 18  General population: 18  Total: 36</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: Unknown  Security: Unknown  Programs/treatment: Unknown  Maintenance: Unknown  Total: Unknown  Current inmate/staff ratio: Unknown</p>	<p><b>Architect's reported analyses</b></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  
1/2" = 1'-0"

# 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><b>Groundbreaking:</b> May 1980  <b>Finish date:</b> April 1982  <b>Construction time:</b> 23 months</p>	<p><b>Design capacity:</b> 132  <b>Total cost:</b> \$2,229,000  <b>Total annual operating costs:</b> \$345,500</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement, courts  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance          Inmate security level:          Maximum: 55%          Medium: 45%          Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 46          Double occupancy: 0          Dorms: 30          Special housing: 56          General population: 76          Total: 132</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

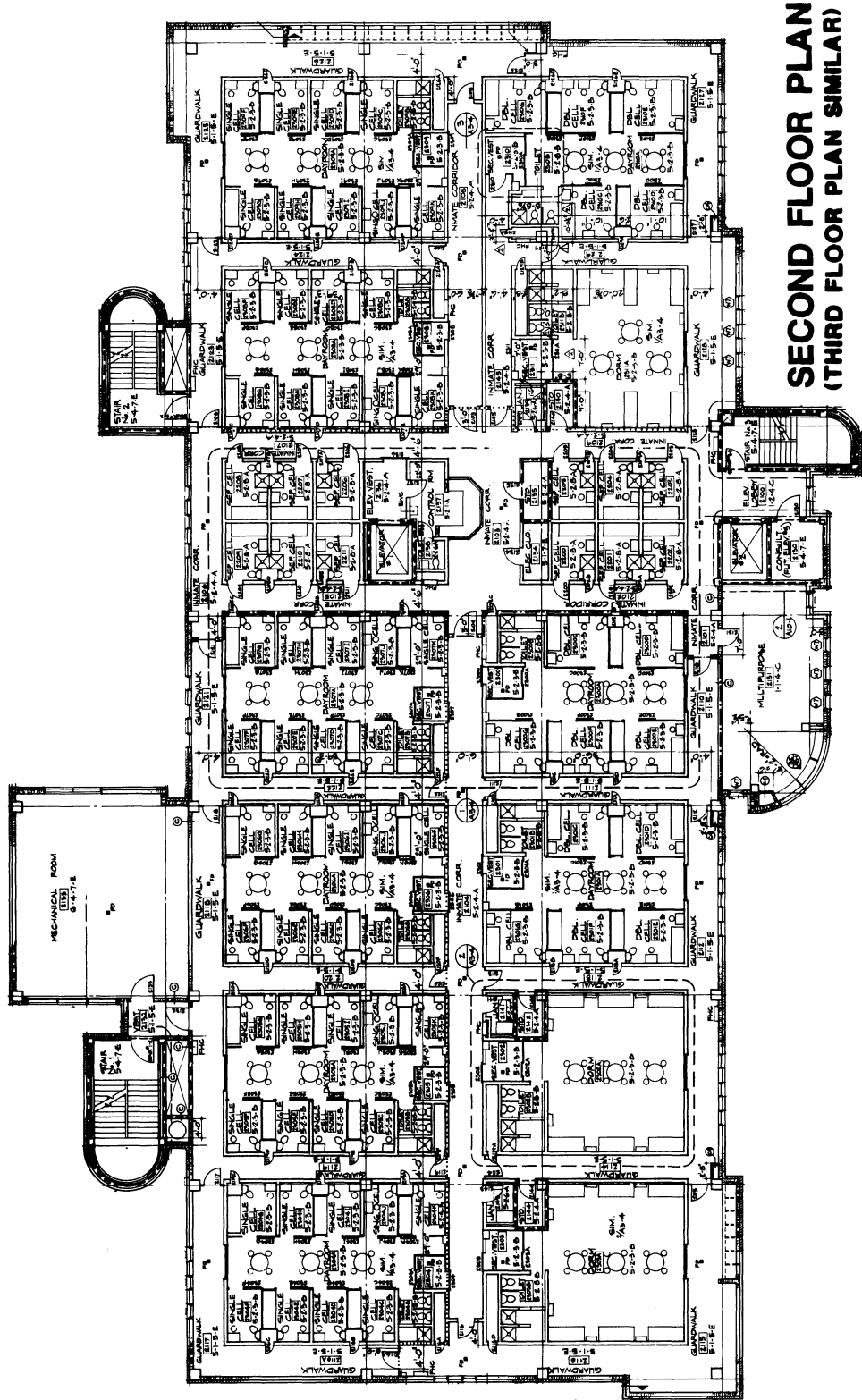
Jurisdiction official: J.B. Smith, Sheriff

**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><b>Groundbreaking:</b> November 1983  <b>Finish date:</b> January 1986  <b>Construction time:</b> 26 months</p>	<p><b>Design capacity:</b> 264  <b>Total cost:</b> \$8,000,000  <b>Total annual operating costs:</b>          \$1,562,463</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior          Inmate security level:          Maximum: 100%          Medium: 0          Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: Limited; detention equipment</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 108          Double occupancy: 60          Dorms: 72          Special housing: 24          General population: 240          Total: 264</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> November 1985  <b>Finish date:</b> October 1986  <b>Construction time:</b> 11 months</p>	<p><b>Design capacity:</b> 123  <b>Total cost:</b> \$1,413,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance          Inmate security level:          Maximum: 10%          Medium: 90%          Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame          Exterior walls: Precast panels          Interior walls: CMU block          Exterior surface/facade: Textured concrete</p> <p><b>Inmate design capacity</b></p> <p>Single occupancy: 13          Double occupancy: 0          Dorms: 104          Special housing: 6          General population: 117          Total: 123</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architect's reported analyses</b></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

<p><b>Groundbreaking:</b> March 1978  <b>Finish date:</b> June 1985  <b>Construction time:</b> 87 months</p>	<p><b>Design capacity:</b> 144  <b>Total cost:</b> \$38,989,679  <b>Total annual operating costs:</b> \$7,366,500</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison hospital  <b>Building configuration:</b> High rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0          Double occupancy: 144          Dorms: 0          Special housing: 0          General population: 144          Total: 144</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



# 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

<p><b>Groundbreaking:</b> October 1982  <b>Finish date:</b> October 1984  <b>Construction time:</b> 24 months</p>	<p><b>Design capacity:</b> 132  <b>Total cost:</b> \$5,465,000  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, ancillary building; phased project (future)  <b>Facility type:</b> Complex: county jail, law enforcement  <b>Building configuration:</b> Integ. structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance          Inmate security level:              Maximum: 66%              Medium: 34%              Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame          Exterior walls: CMU block; brick          Interior walls: CMU block; steel in detention areas          Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: Local funds; Certificates of Obligation          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 84          Double occupancy: 0          Dorms: 44          Special housing: 4          General population: 128          Total: 132</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

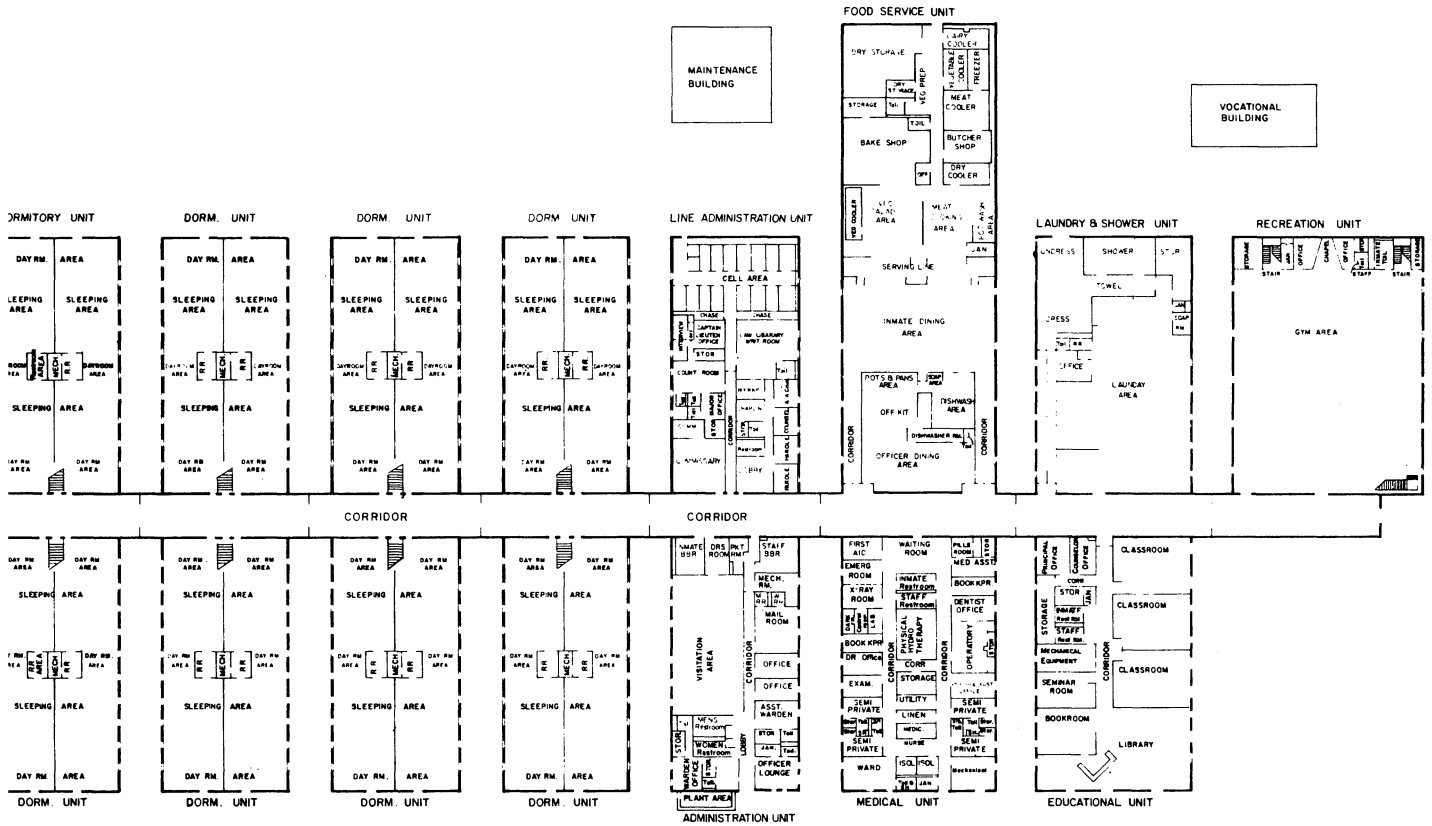
Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

**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

<p><b>Groundbreaking:</b> May 1981 <b>Finish date:</b> July 1986 <b>Construction time:</b> 62 months</p>	<p><b>Design capacity:</b> 1,101 <b>Total cost:</b> \$14,911,460 <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility <b>Facility type:</b> State prison <b>Building configuration:</b> Integrated structure; ladder, telephone pole</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 1,048 Special housing: 53 General population: 1,048 Total: 1,101</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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 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"

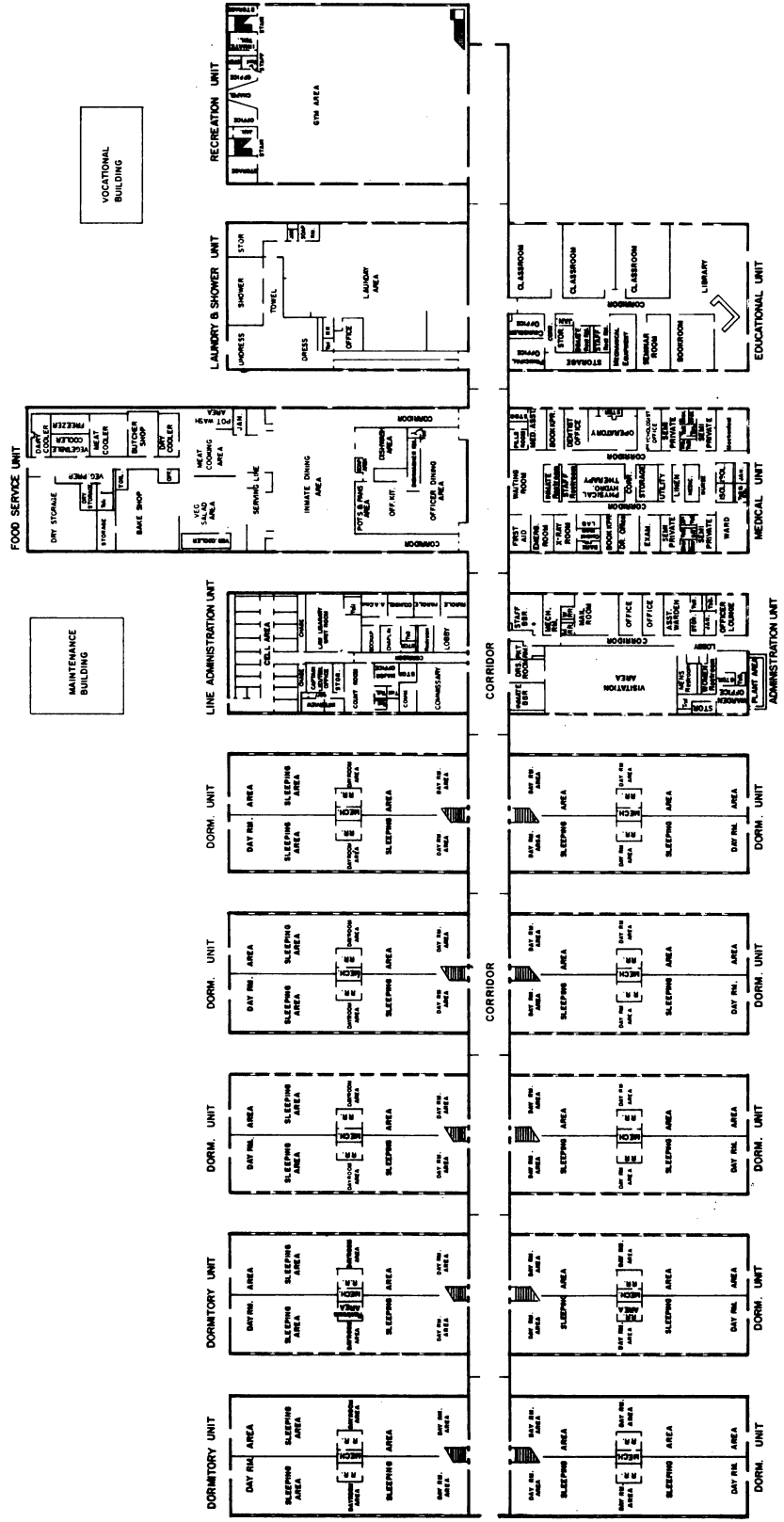
ABBREVIATION KEY		
ASST	ASSISTANT	LIEUTENANT
ASST	ASSISTANT	LIEUTENANT
BARBER	BARBER	MEAL
BOOK	BOOKKEEPER	MEDICAL
COM	COMMISSARY	MEDICAL
CORR	CORRIDOR	OFFICE
CONN.	COUNSELOR	PCT.
DR.	DOCTOR	PREP
DRESS	DRESS	RESTROOM
EMER.	EMERGENCY	ROOM
EXAM	EXAMINATION	SHOWER
ISOL.	ISOLATION	STOR.
JAN.	JANITOR	TOILET
KIT.	KITCHEN	VEG.
LAB.	LABORATORY	W.

# 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

<p><b>Groundbreaking:</b> August 1981  <b>Finish date:</b> July 1984  <b>Construction time:</b> 35 months</p>	<p><b>Design capacity:</b> 1,364  <b>Total cost:</b> \$16,009,587  <b>Total annual operating costs:</b> Unknown</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integrated structure; ladder, telephone pole</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></p> <p>Structural: Steel frame          Exterior walls: "Sandwich panel" type metal buildings          Interior walls: CMU block; jail steel          Exterior surface/facade: Metal</p>	<p><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0          Double occupancy: 0          Dorms: 1,320          Special housing: 44          General population: 1,320          Total: 1,364</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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>



MAIN BUILDING COMPLEX  
SCALE 1" = 30'-0"

# Westside Police Area Command Station

Jurisdiction official: Lee P. Brown, Chief of Police

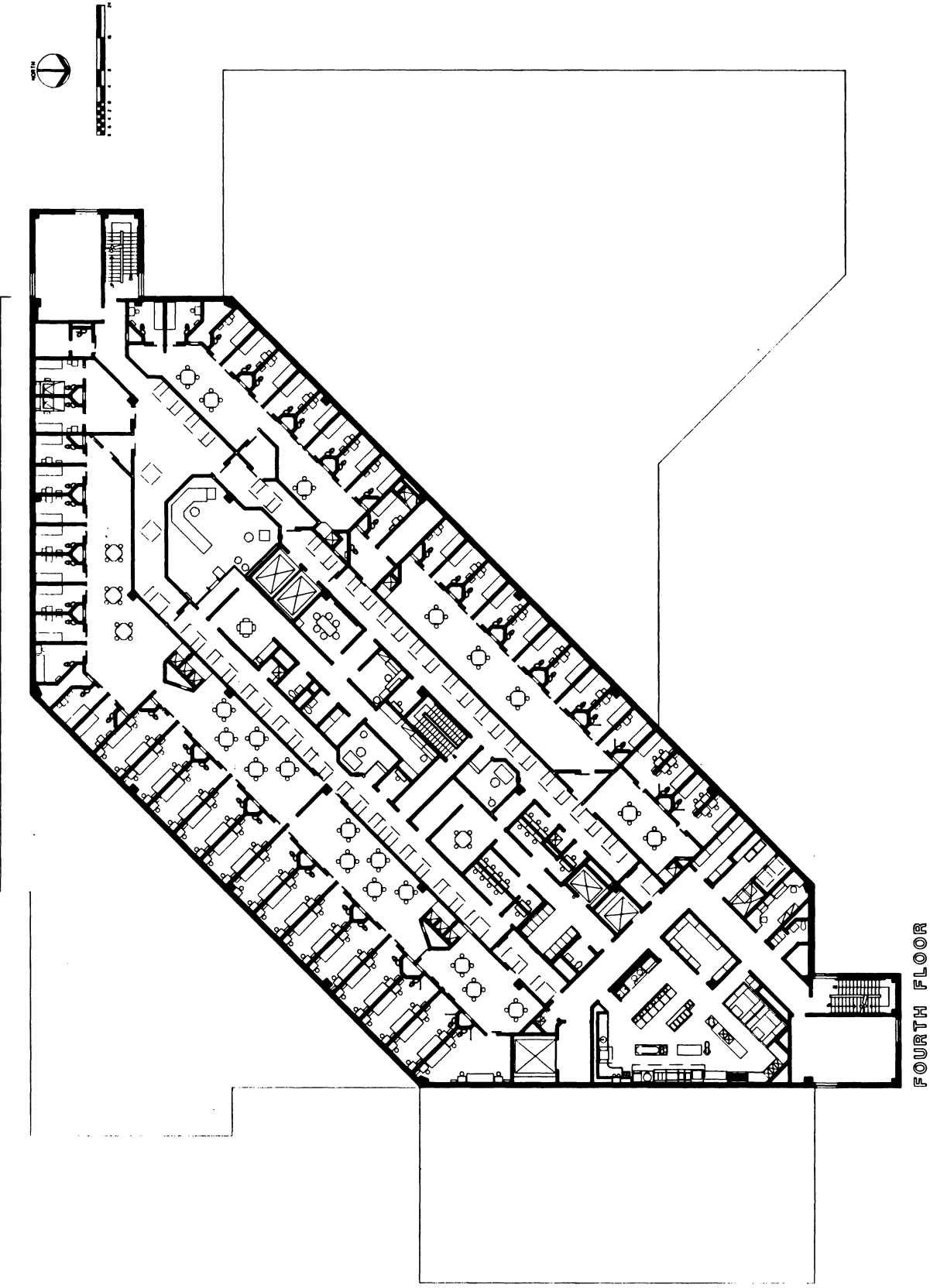
**Contact:** W.T. Higgins, Administrative Captain, Westside Police Area Command Station, 3203 South Dairy Ashford, Houston, TX 77082, 713-247-5420

**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

<p><b>Groundbreaking:</b> July 1985  <b>Finish date:</b> September 1987  <b>Construction time:</b> 26 months</p>	<p><b>Design capacity:</b> 176  <b>Total cost:</b> \$17,096,000  <b>Total annual operating costs:</b> \$4,912,573 (9 mos. projected)</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: city jail, law enforcement, courts, vehicle maintenance  <b>Building configuration:</b> Integ. structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 95%  Medium: 5%  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Cast-in-place concrete frame  Exterior walls: CMU block; brick  Interior walls: CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 38  Double occupancy: 0  Dorms: 60  Special housing: 78  General population: 98  Total: 176</p> <p><b>Current staff</b></p> <p>Full-time equivalent:  Administration: 23  Security: 92  Programs/treatment: 8  Maintenance: 12  Total: 135  Current inmate/staff ratio: N/A</p>	<p><b>Architect's reported analyses</b></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

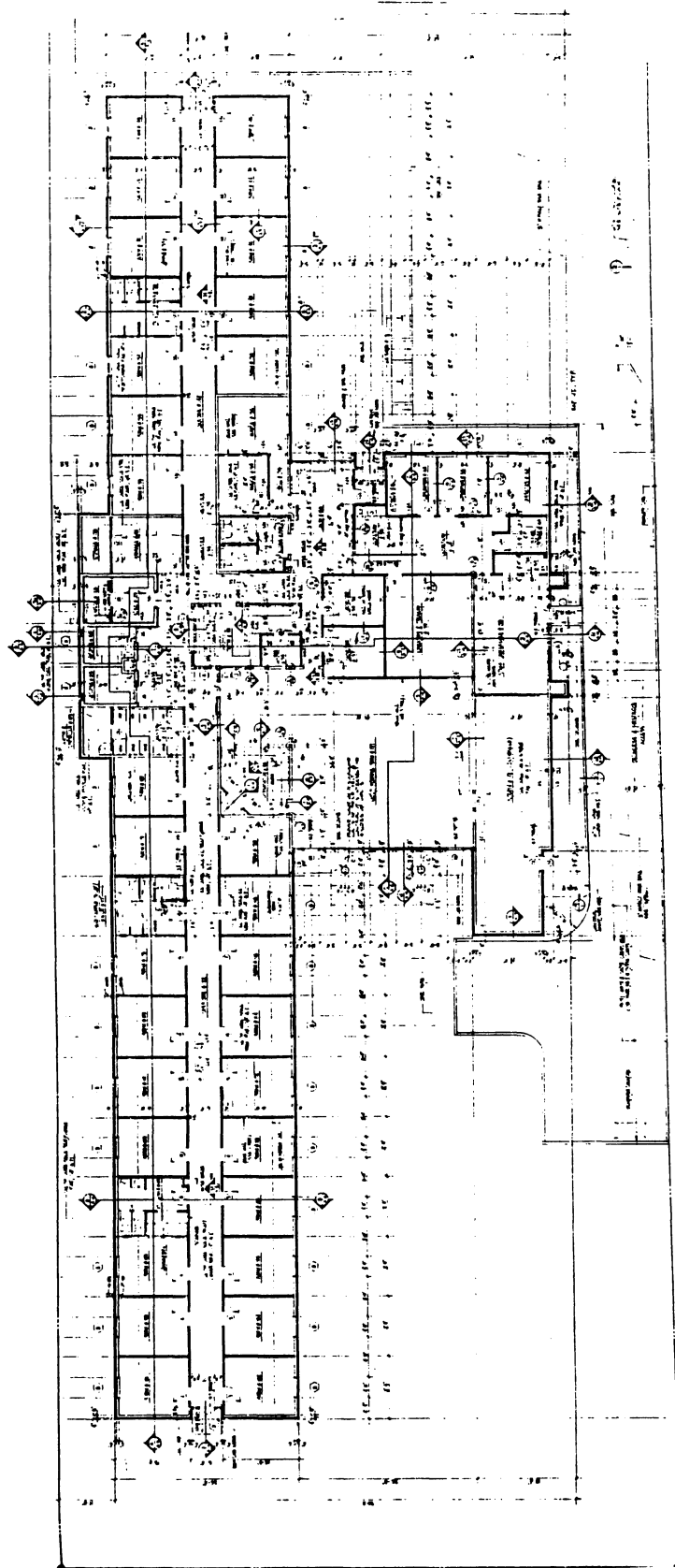
**Contact:** Kathy Cochran, Director, Orange Street Community Correctional Center, #80 South Orange Street, Salt Lake City, UT 84116, 801-533-6360

**Architect:** Molen, Huss, Money, Fuller Architects, 50 South 600 East, Suite #100, Salt Lake City, UT 84102, 801-532-1603

**Construction manager:** None

<p><b>Groundbreaking:</b> March 1985  <b>Finish date:</b> December 1985  <b>Construction time:</b> 9 months</p>	<p><b>Design capacity:</b> 62  <b>Total cost:</b> \$740,000  <b>Total annual operating costs:</b> \$805,500</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State-run community-based correctional facility  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 0          Double occupancy: 60          Dorms: 0          Special housing: 2          General population: 60          Total: 62</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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          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>



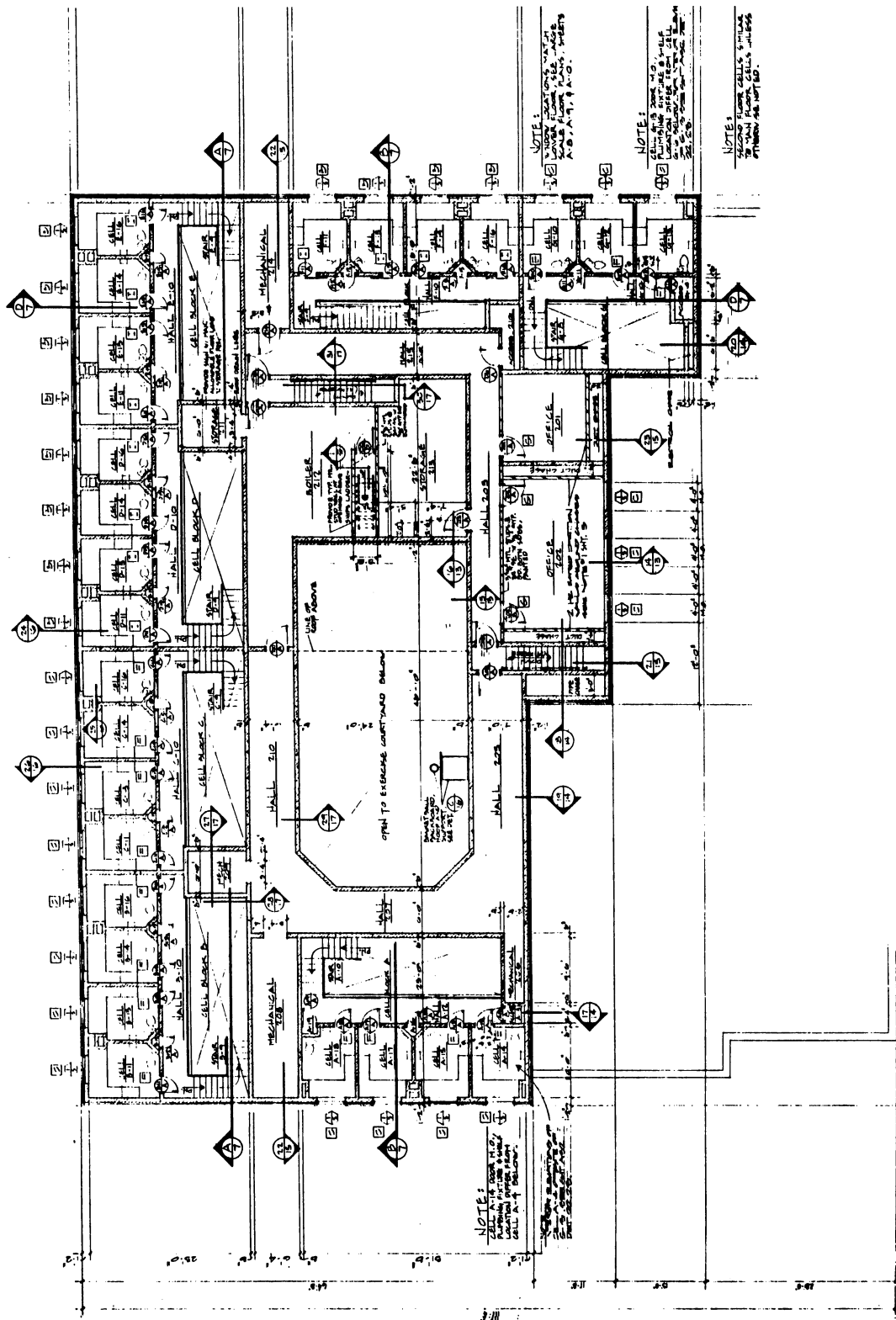


# Uintah County Jail

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

<p><b>Groundbreaking:</b> March 1984  <b>Finish date:</b> September 1985  <b>Construction time:</b> 18 months</p>	<p><b>Design capacity:</b> 68  <b>Total cost:</b> \$2,399,689  <b>Total annual operating costs:</b> \$440,312</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance  Inmate security level:  Maximum: 14%  Medium: 39%  Minimum: 29%  Other: 18%</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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 54  Double occupancy: 0  Dorms: 0  Special housing: 14  General population: 54  Total: 68</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>

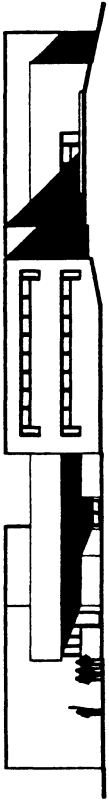


# Young Adult Correctional Facility

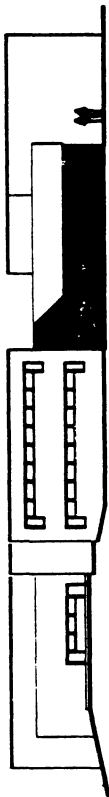
Jurisdiction official: Gary W. DeLand, Director, Department of Corrections

**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

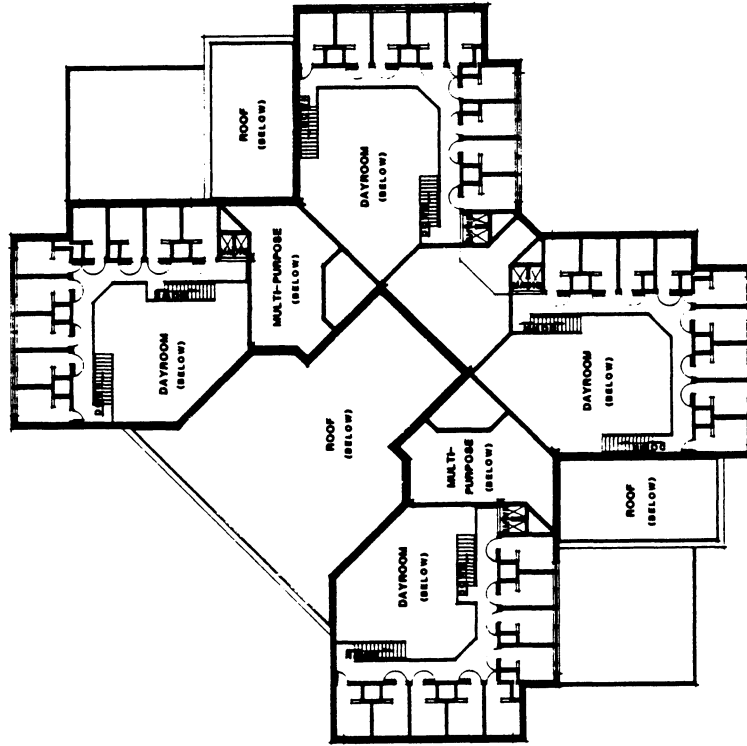
<p><b>Groundbreaking:</b> July 1983  <b>Finish date:</b> August 1984  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 292  <b>Total cost:</b> \$12,463,348  <b>Total annual operating costs:</b> \$2,801,135</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Campus style</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Limited; precast panels</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 288  Double occupancy: 0  Dorms: 0  Special housing: 4  General population: 288  Total: 292</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



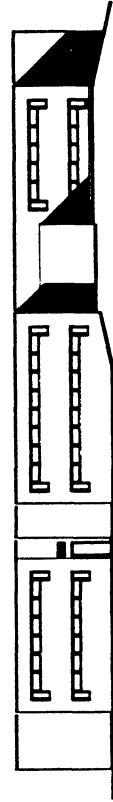
Elevation B



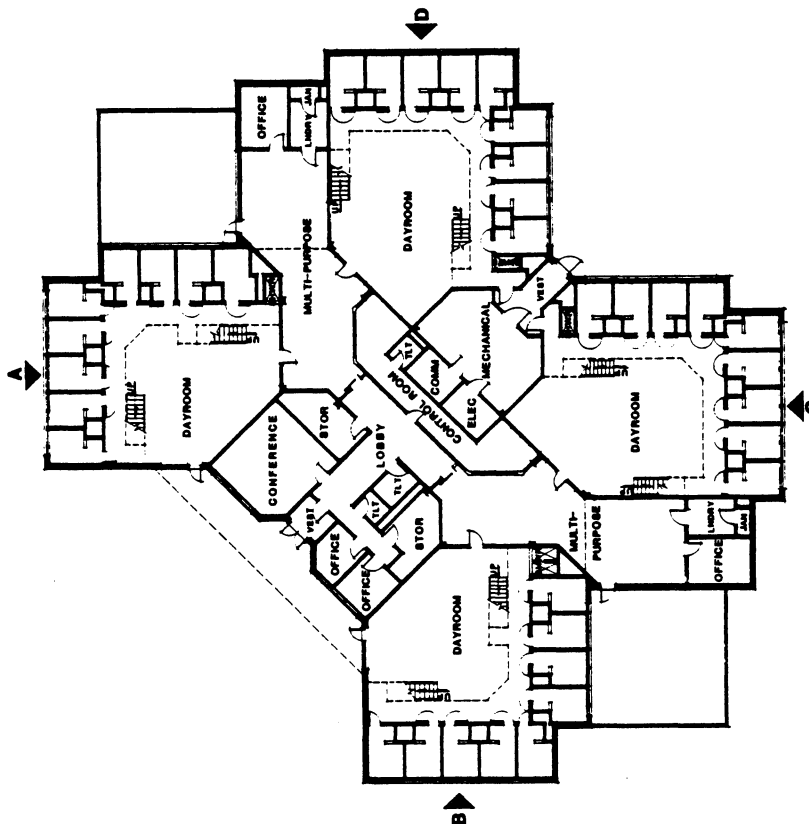
Elevation A



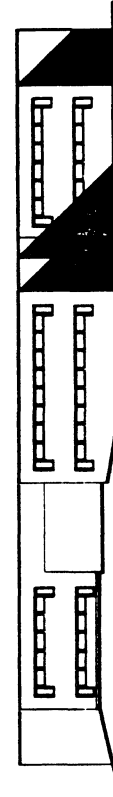
Mezzanine level



Elevation D



Ground floor



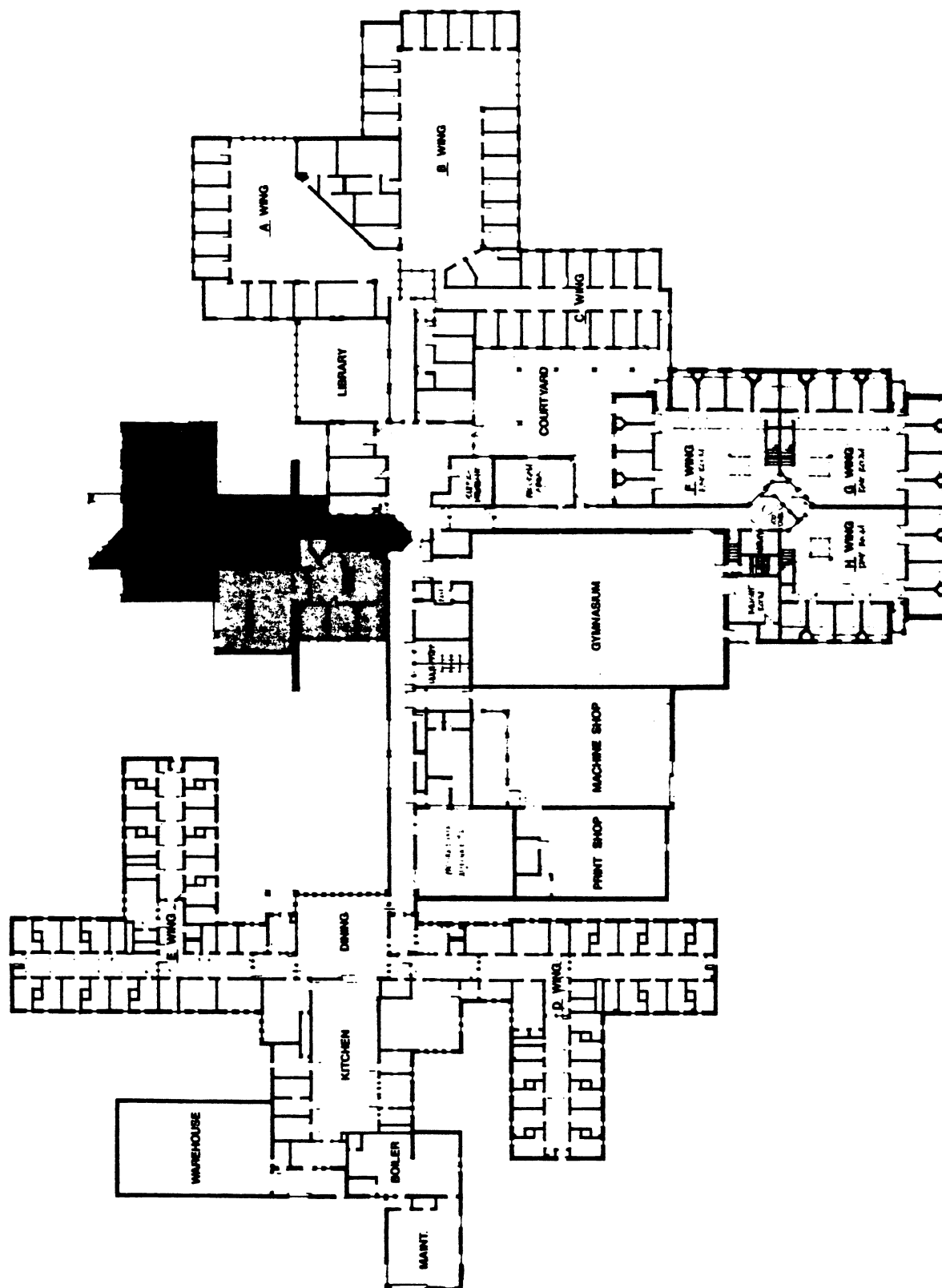
Elevation C

# 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><b>Groundbreaking:</b> March 1984  <b>Finish date:</b> September 1985  <b>Construction time:</b> 18 months</p>	<p><b>Design capacity:</b> 51  <b>Total cost:</b> \$2,506,181  <b>Total annual operating costs:</b> \$271,087 (expansion only)</p>	<p><b>Category:</b> Expansion  <b>Facility type:</b> State prison  <b>Building configuration:</b> Clusters</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; alarm/detection system; towers; patrols; camera surveillance  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</p>	<p><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: Brick  Interior walls: Cast-in-place concrete  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 45  Double occupancy: 0  Dorms: 0  Special housing: 6  General population: 45  Total: 51</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

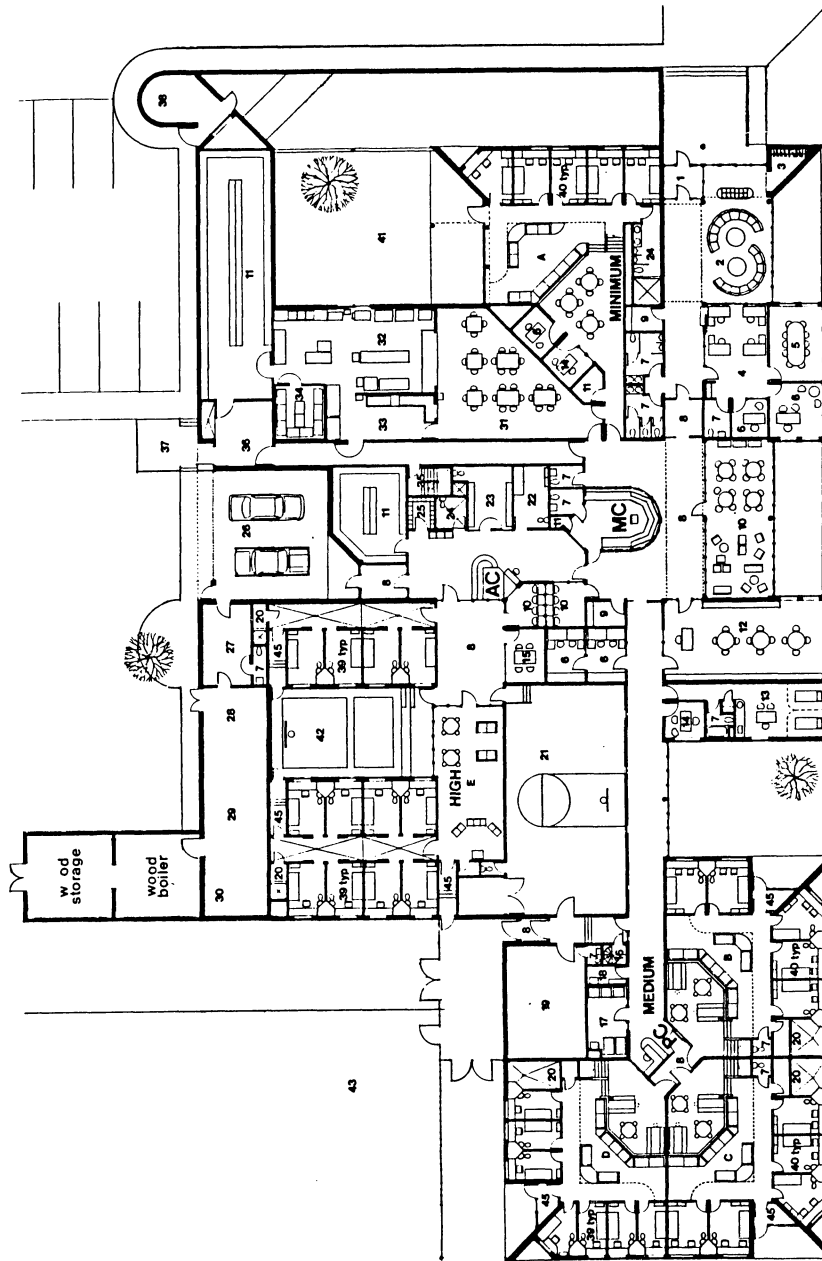
**Contact:** Superintendent Raymond J. Pilette, St. Johnsbury Community Correctional Center, Route 5 South, RFD #3, St. Johnsbury, VT 05819, 802-748-8151.

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

**Construction manager:** None

<p><b>Groundbreaking:</b> November 1979  <b>Finish date:</b> November 1981  <b>Construction time:</b> 24 months</p>	<p><b>Design capacity:</b> 96  <b>Total cost:</b> \$4,200,000  <b>Total annual operating costs:</b> \$1,588,173</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail, State prison  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only; fence for exercise yard  Inmate security level:  Maximum: 12%  Medium: 62%  Minimum: 24%  Other: 2%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Moderate; custom designed steel shaftways</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 28  Double occupancy: 64  Dorms: 0  Special housing: 4  General population: 92  Total: 96</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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
- PC POD CONTROL
- A MINIMUM DAYROOM
- B MEDIUM DAYROOM
- C MEDIUM DAYROOM
- D MEDIUM DAYROOM
- E MAXIMUM DAYROOM
- 1 PUBLIC ENTRY
- 2 WAITING
- 3 OFFICE
- 4 ADMINISTRATION
- 5 CONFERENCE
- 6 OFFICE
- 7 OFFICE
- 8 SALLYPORT
- 9 EXAM
- 10 WAITING
- 11 STORING
- 12 LIBRARY
- 13 MEDICAL
- 14 ALL PURPOSE
- 15 ACCESS CHASE
- 16 LAUNDRY STORAGE
- 17 VOCATIONAL
- 18 SHOWER
- 19 HANDICAP ROOM
- 20 HOLDING ROOM
- 21 TOILET/SHOWER
- 22 GARAGE
- 23 MAINTENANCE OFFICE
- 24 MAINTENANCE SHOP
- 25 BOILER ROOM
- 26 COOLING TOWER
- 27 DINING
- 28 DISHWASHING
- 29 FREEZER
- 30 STAIR
- 31 ENGINEERING
- 32 TRANSFORMER ROOM
- 33 LOADING DOCK
- 34 DOUBLE INMATE ROOM
- 35 MINIMUM RECREATION
- 36 HIGH RECREATION
- 37 HIGH RECREATION
- 38 CORRIDOR
- 39 EMERGENCY EXIT
- 40
- 41
- 42
- 43
- 44
- 45

# Alexandria Detention Center

Jurisdiction official: James H. Dunning, Sheriff

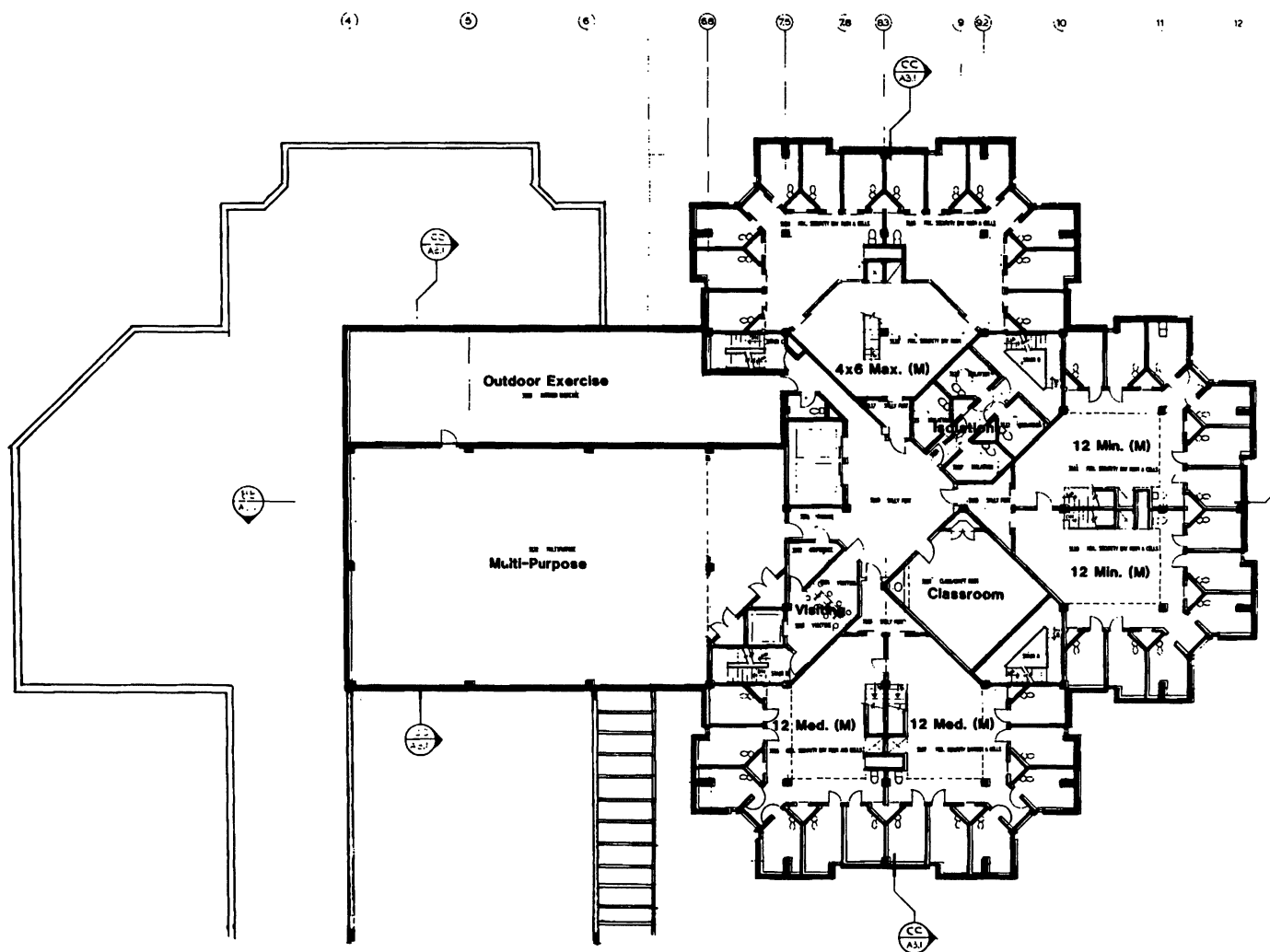
**Contact:** Sheriff James H. Dunning, Alexandria Detention Center, 2001 Mill Road, Alexandria, VA 22314, 703-838-4114

**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><b>Groundbreaking:</b> February 1984  <b>Finish date:</b> August 1987  <b>Construction time:</b> 42 months</p>	<p><b>Design capacity:</b> 346  <b>Total cost:</b> \$18,000,000  <b>Total annual operating costs:</b>          \$9,709,532</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: city jail, law enforcement, court, E.O.C.  <b>Building configuration:</b> Integrated structure; high rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Alarm/detection systems; video camera surveillance          Inmate security level:          Maximum: 10%          Medium 67%          Minimum: 23%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds; Federal funds          Contract method: Conventional          Use of inmate labor: None          Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 330          Double occupancy: 0          Dorms: 16          Special housing: 0          General population: 346          Total: 346</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



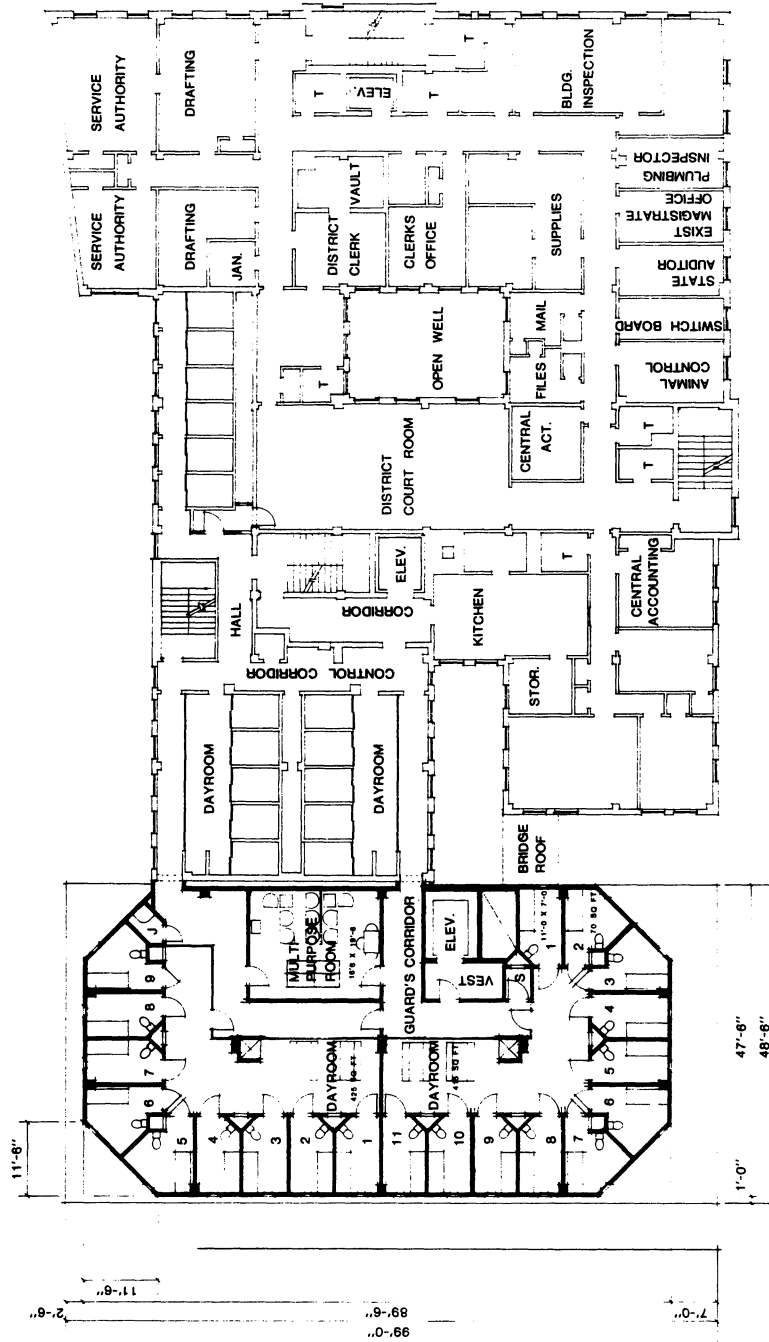
 **THIRD FLOOR PLAN (EA)**  
DATE: 10/10/08  
SCALE: 1/8" = 1'-0"

# 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><b>Groundbreaking:</b> July 1980  <b>Finish date:</b> April 1982  <b>Construction time:</b> 21 months</p>	<p><b>Design capacity:</b> 61  <b>Total cost:</b> \$2,486,000  <b>Total annual operating costs:</b> N/A (expansion)</p>	<p><b>Category:</b> Expansion project  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 60  Double occupancy: 0  Dorms: 0  Special housing: 1  General population: 60  Total: 61</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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)

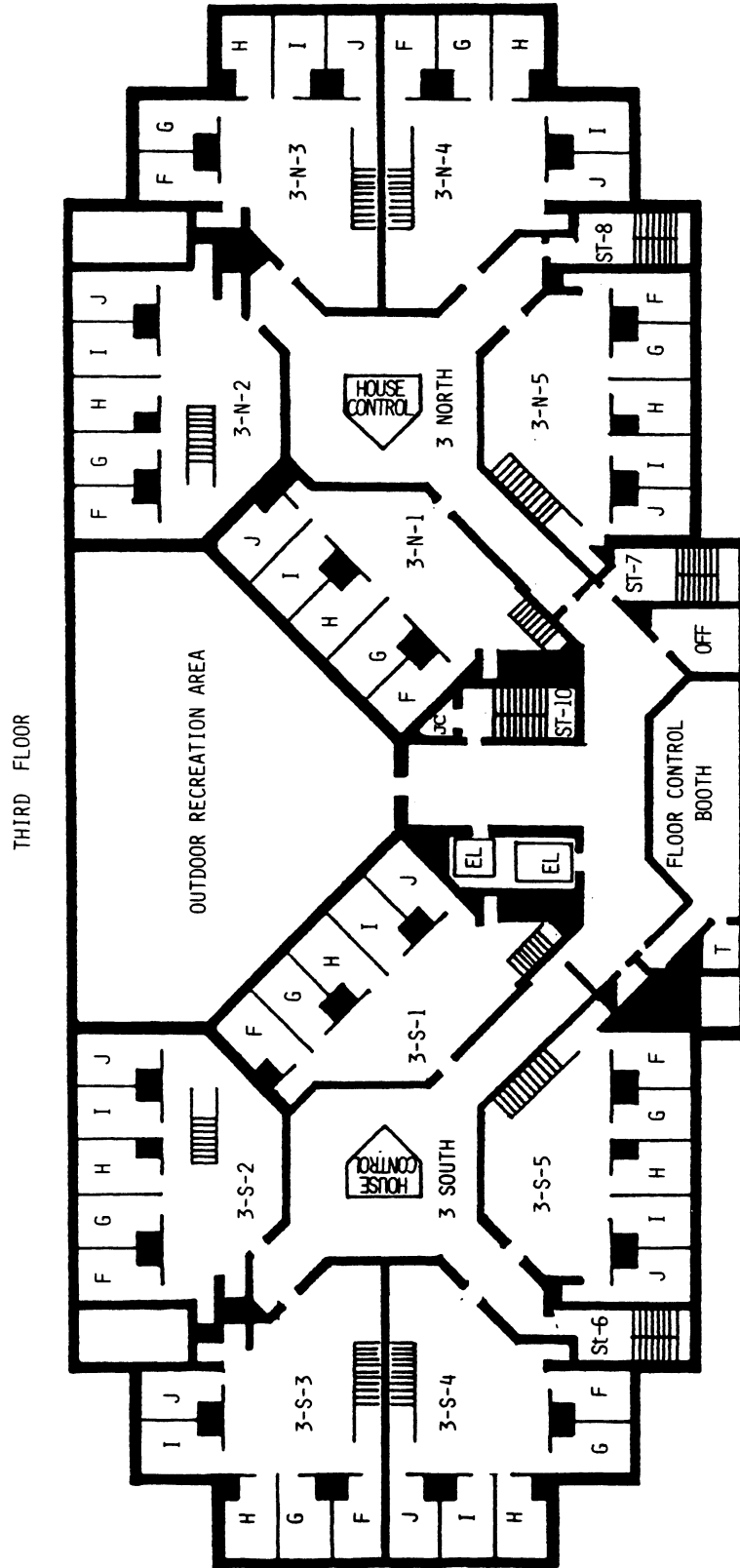
Jurisdiction official: M. Wayne Huggins, Sheriff

**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><b>Groundbreaking:</b> October 1985  <b>Finish date:</b> January 1987  <b>Construction time:</b> 15 months</p>	<p><b>Design capacity:</b> 300  <b>Total cost:</b> \$12,700,000  <b>Total annual operating costs:</b> \$1,914,250 (excluding utilities)</p>	<p><b>Category:</b> Expansion project  <b>Facility type:</b> Complex: county jail, sheriff's pre-release center  <b>Building configuration:</b> Integrated structure; high rise</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Video camera surveillance  Inmate security level:  Maximum: 33%  Medium: 33%  Minimum: 0  Other: 34%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 200  Double occupancy: 0  Dorms: 0  Special housing: 100  General population: 200  Total: 300</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



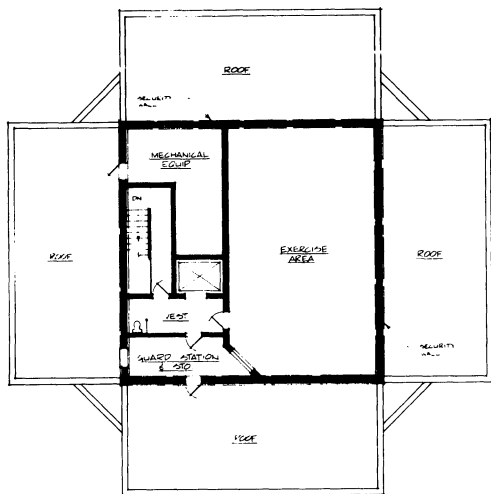
# Pittsylvania County Jail

Jurisdiction official: T.E. McGregor, Sheriff

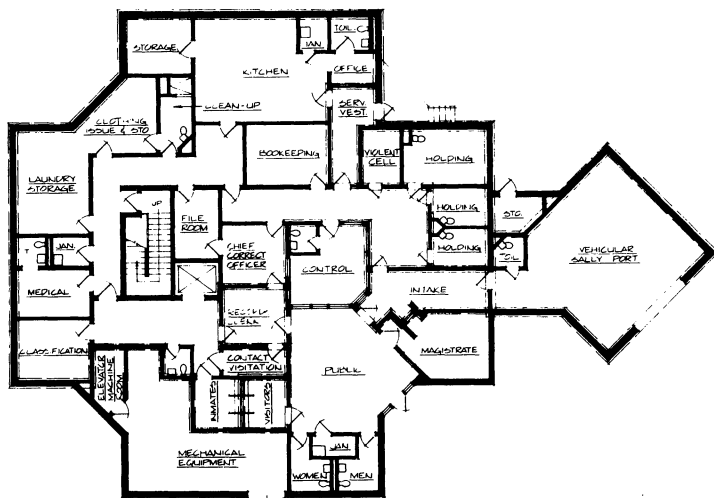
**Contact:** T.E. Yeatts, Jail Administrator, Pittsylvania County Jail, P.O. Box 336, Bank Street, Chatham, VA 24531, 804-432-2041  
**Architect:** Sherertz, Franklin, Crawford, Shaffner, 14 West Kirk Avenue, Roanoke, VA 24011, 703-344-6664  
**Construction manager:** None

<p><b>Groundbreaking:</b> March 1980  <b>Finish date:</b> June 1981  <b>Construction time:</b> 15 months</p>	<p><b>Design capacity:</b> 39  <b>Total cost:</b> \$1,700,000  <b>Total annual operating costs:</b> \$684,463</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> County jail  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance  Inmate security level:  Maximum: 33%  Medium: 33%  Minimum: 33%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Federal, State, and local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 36  Double occupancy: 0  Dorms: 0  Special housing: 3  General population: 36  Total: 39</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>

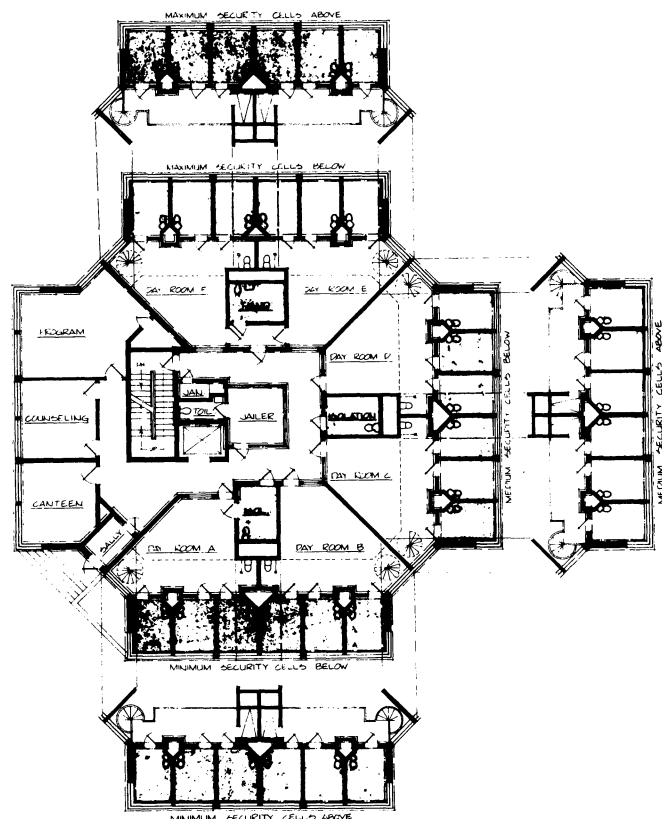




ROOF PLAN  
1/8" = 1'-0"



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



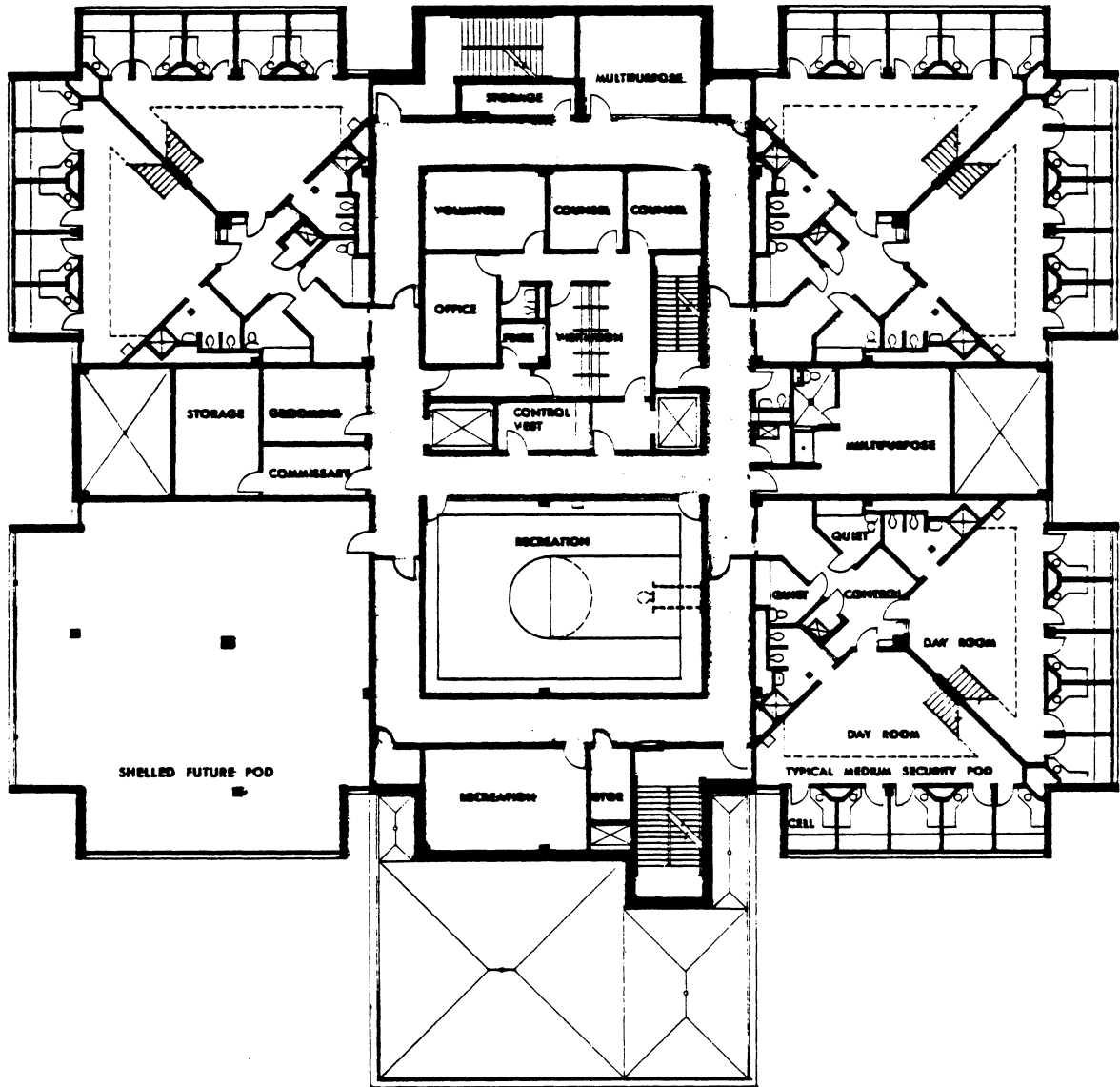
FIRST FLOOR PLAN  
1/8" = 1'-0"

# 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><b>Groundbreaking:</b> July 1977  <b>Finish date:</b> July 1979  <b>Construction time:</b> 24 months</p>	<p><b>Design capacity:</b> 201  <b>Total cost:</b> \$5,813,110  <b>Total annual operating costs:</b> \$2,573,363</p>	<p><b>Category:</b> New, independent facility; phased project (future)  <b>Facility type:</b> Complex: city jail and sheriff's office  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 18%  Medium: 40%  Minimum: 42%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: Local funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Extensive</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 168  Double occupancy: 0  Dorms: 0  Special housing: 33  General population: 168  Total: 201</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

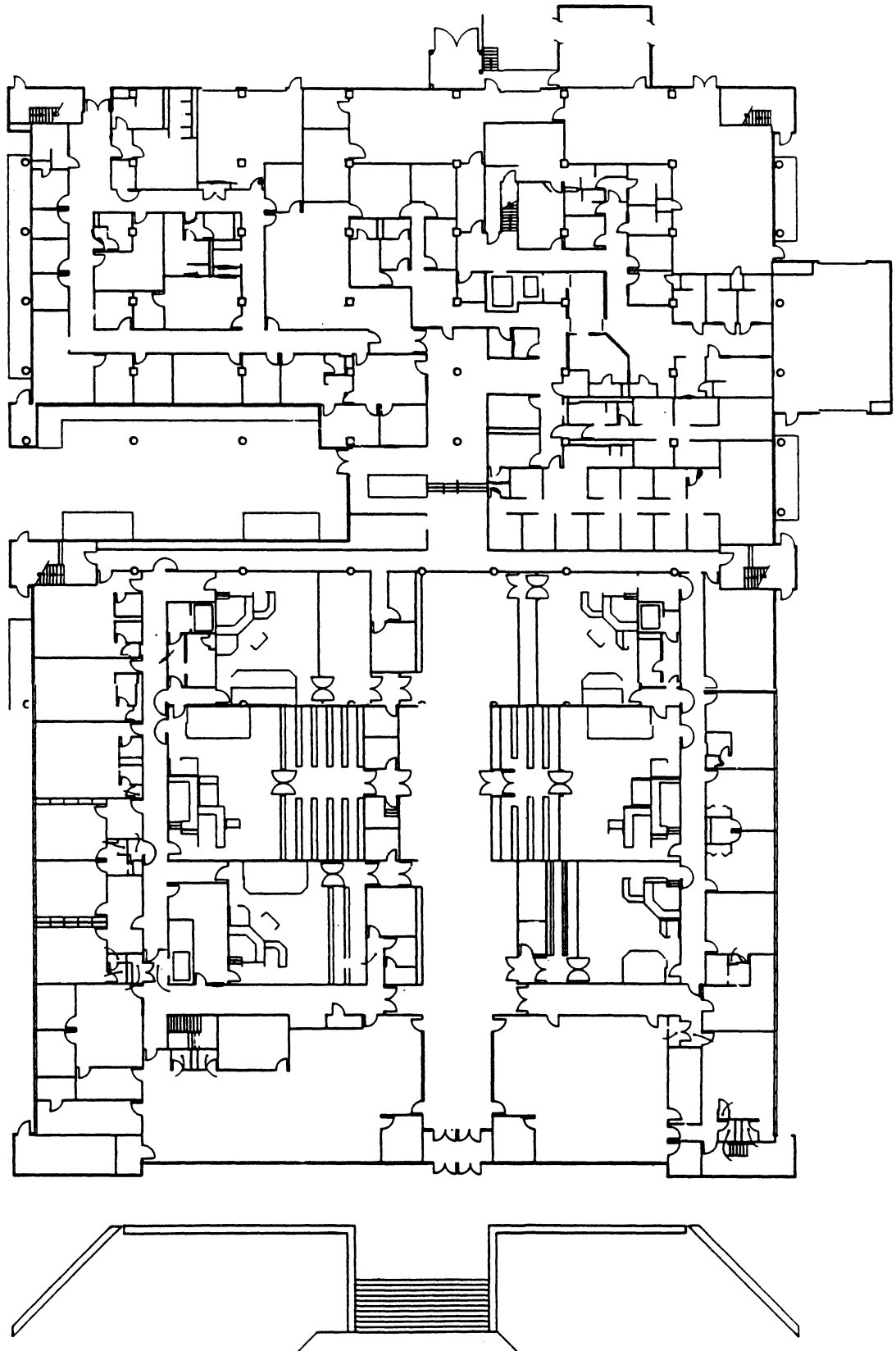
Jurisdiction official: Jim Kennedy, Sheriff

**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><b>Groundbreaking:</b> October 1982  <b>Finish date:</b> October 1983  <b>Construction time:</b> 12 months</p>	<p><b>Design capacity:</b> 103  <b>Total cost:</b> \$11,442,995  <b>Total annual operating costs:</b> \$1,230,989</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail; law enforcement, courts  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 0  Medium: 85%  Minimum: 15%</p>	<p><b>Construction type</b></p> <p>Structural: Cast-in-place concrete frame  Exterior walls: Precast panels  Interior walls: CMU block  Exterior surface/facade: Natural wall</p>	<p><b>Construction process</b></p> <p>Finance method: Local funds; State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Moderate; precast components</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 64  Double occupancy: 0  Dorms: 39  Special housing: 15  General population: 88  Total: 103</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

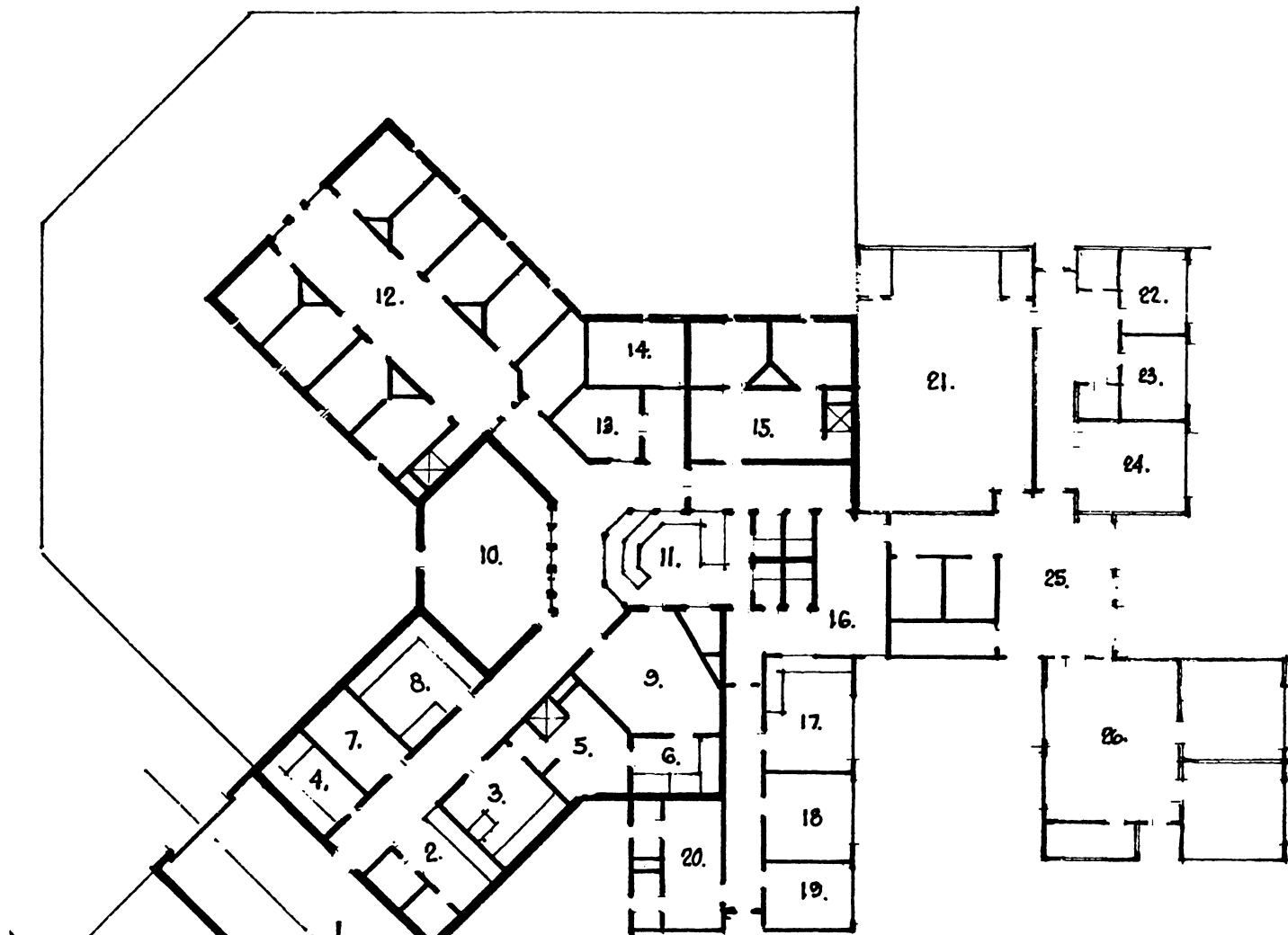
**Contact:** Chief Kenneth W. Bryson, Forks City Jail, Fifth and Division, P.O. Box 28, Forks, WA 98331, 206-374-2223

**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><b>Groundbreaking:</b> July 1982  <b>Finish date:</b> August 1983  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 14  <b>Total cost:</b> \$773,916  <b>Total annual operating costs:</b> \$164,500 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> Complex: city jail, law enforcement, courts, City Hall  <b>Building configuration:</b> Wheel, spoke or radial</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence  Inmate security level:  Maximum: 100%  Medium: 0  Minimum: 0</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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></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><b>Inmate cells</b></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>Single occupancy: 11  Double occupancy: 0  Dorms: 0  Special housing: 3  General population: 11  Total: 14</p> <p><b>Current staff</b></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><b>Architects' reported analyses</b></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

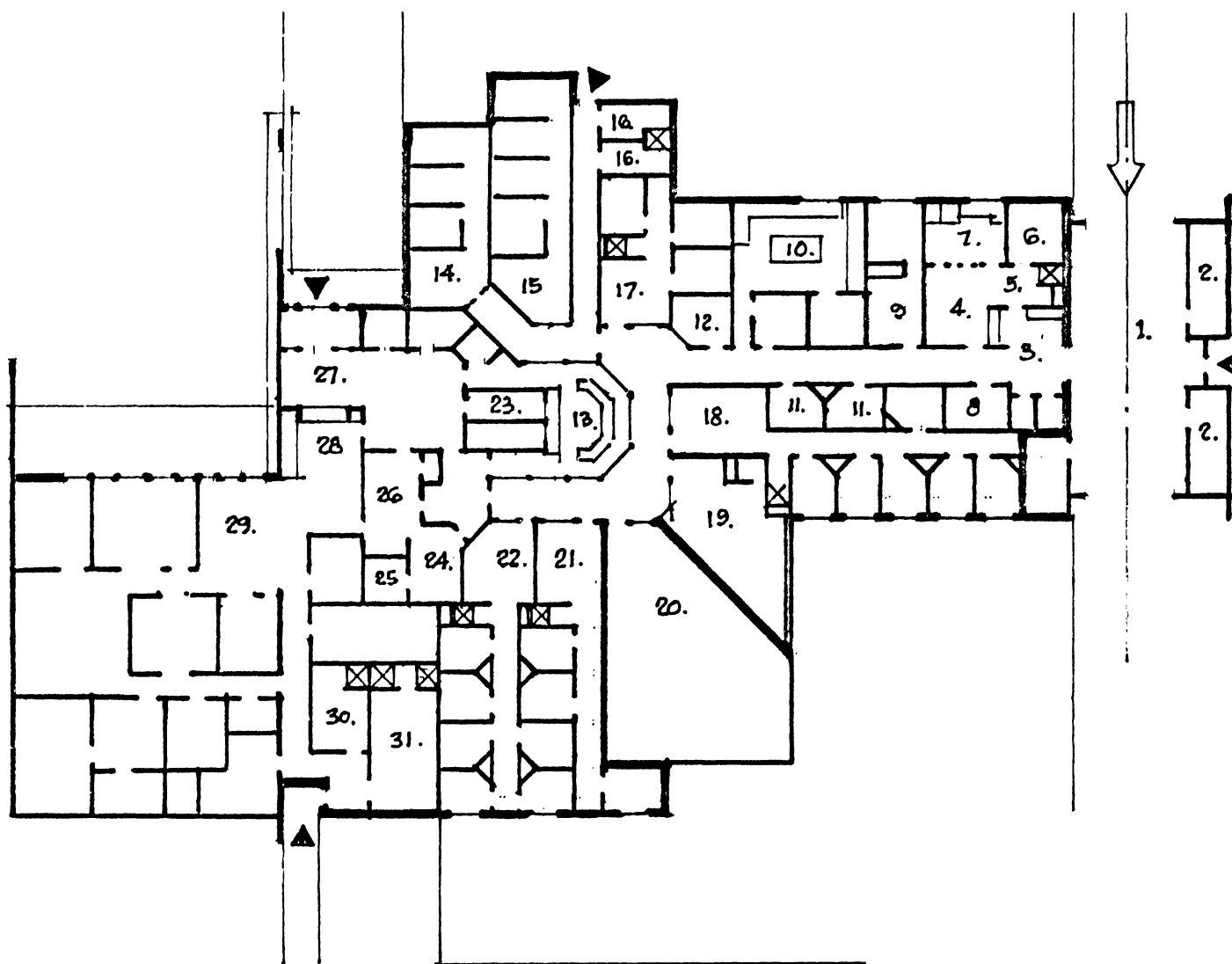
**Architects:** Johnston/Hunt & Associates, P.S., 1112 East Front Street, Port Angeles, WA 98362, 206-683-5584

Johnston Associates, 299 Old Blyn Highway, Sequim, WA 98382, 206-683-5584

**Construction manager:** Johnston/Hunt & Associates, above

<p><b>Groundbreaking:</b> October 1983  <b>Finish date:</b> July 1985  <b>Construction time:</b> 21 months</p>	<p><b>Design capacity:</b> 33  <b>Total cost:</b> \$2,093,328  <b>Total annual operating costs:</b> \$234,111</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement, FEMA emergency center  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Single fence; video camera surveillance  Inmate security level:  Maximum: 61%  Medium: 39%  Minimum: 0</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 20  Double occupancy: 0  Dorms: 0  Special housing: 13  General population: 20  Total: 33</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architects' reported analyses</b></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<br>(Work Release)   | 23. Visitation            |
| 3. Holding          | 15. Cell Block B<br>(Work Release)   | 24. Arraignment           |
| 4. Receiving        | 16. Work Release<br>(Clothes Change) | 25. Interview             |
| 5. Strip Search     | 17. Cell Block C (Women)             | 26. Jail Administrator    |
| 6. Property         | 18. Cell Block D                     | 27. Public Lobby          |
| 7. Laundry          | 19. Indoor Recreation                | 28. Reception             |
| 8. Janitor          | 20. Outdoor Recreation               | 29. Sheriff's Department  |
| 9. Medical          | 21. Cell Block E                     | 30. Staff Lockers (women) |
| 10. Kitchen         |                                      | 31. Staff Lockers (men)   |
| 11. Segregation     |                                      |                           |
| 12. Crisis          |                                      |                           |

# Thurston County Corrections Facility (Remodel/Expansion)

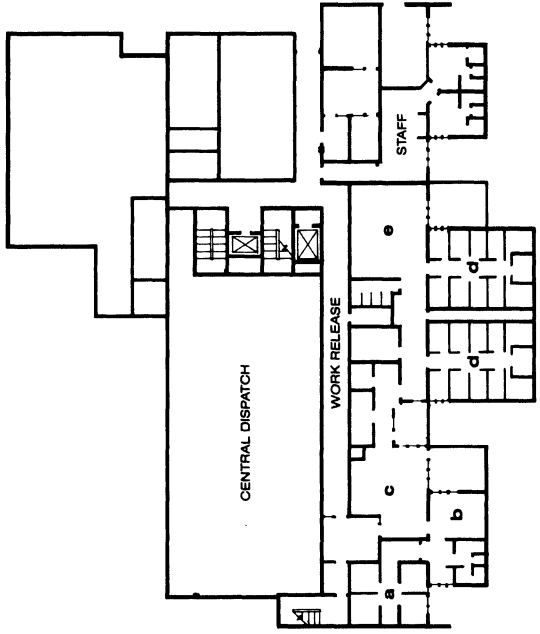
Jurisdiction official: Dan Montgomery, Sheriff

**Contact:** James P. Bachmeier, Chief Deputy/Corrections Bureau, Thurston County Corrections Facility, 2000 Lakeridge Drive, Olympia, WA 98502, 206-786-5505

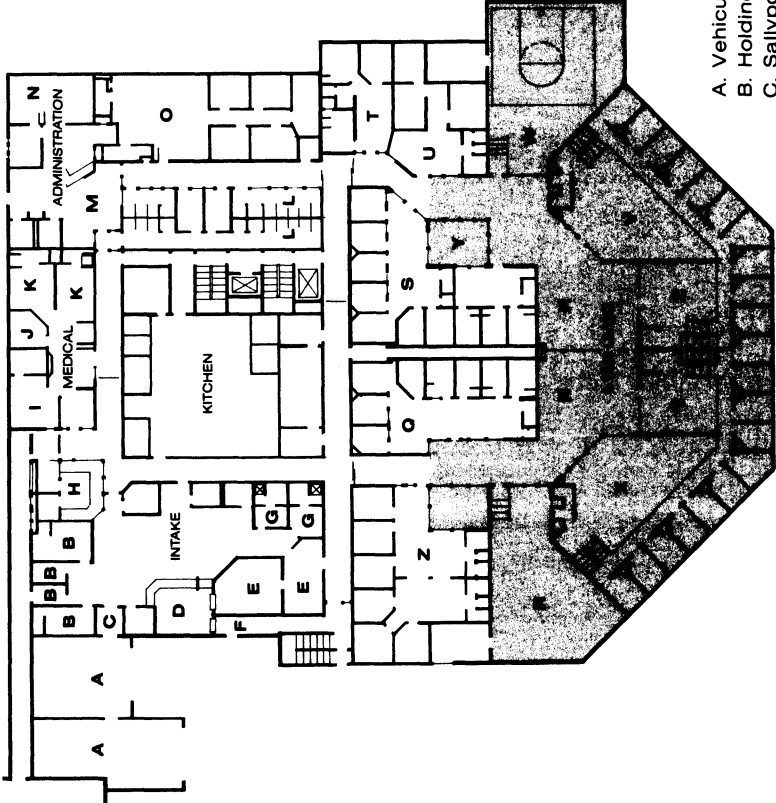
**Architect:** The BJSS Group, Architects & Planners, AIA, 320 West Bay Drive, Suite 212, Olympia, WA 98502, 206-943-4650

**Construction manager:** None

<p><b>Groundbreaking:</b> September 1983  <b>Finish date:</b> May 1986  <b>Construction time:</b> 32 months</p>	<p><b>Design capacity:</b> 158  <b>Total cost:</b> \$3,931,394  <b>Total annual operating costs:</b> \$1,240,000</p>	<p><b>Category:</b> Remodeling/renovation project; expansion  <b>Facility type:</b> Complex: county jail, law enforcement, courts, county offices  <b>Building configuration:</b> Integ. structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; video camera surveillance  Inmate security level:  Maximum: 27%  Medium 20%  Minimum: 53%</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><b>Construction process</b></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><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 72  Double occupancy: 0  Dorms: 36  Special housing: 50  General population: 108  Total: 158</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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>



LOWER LEVEL PLAN



MIDLEVEL PLAN

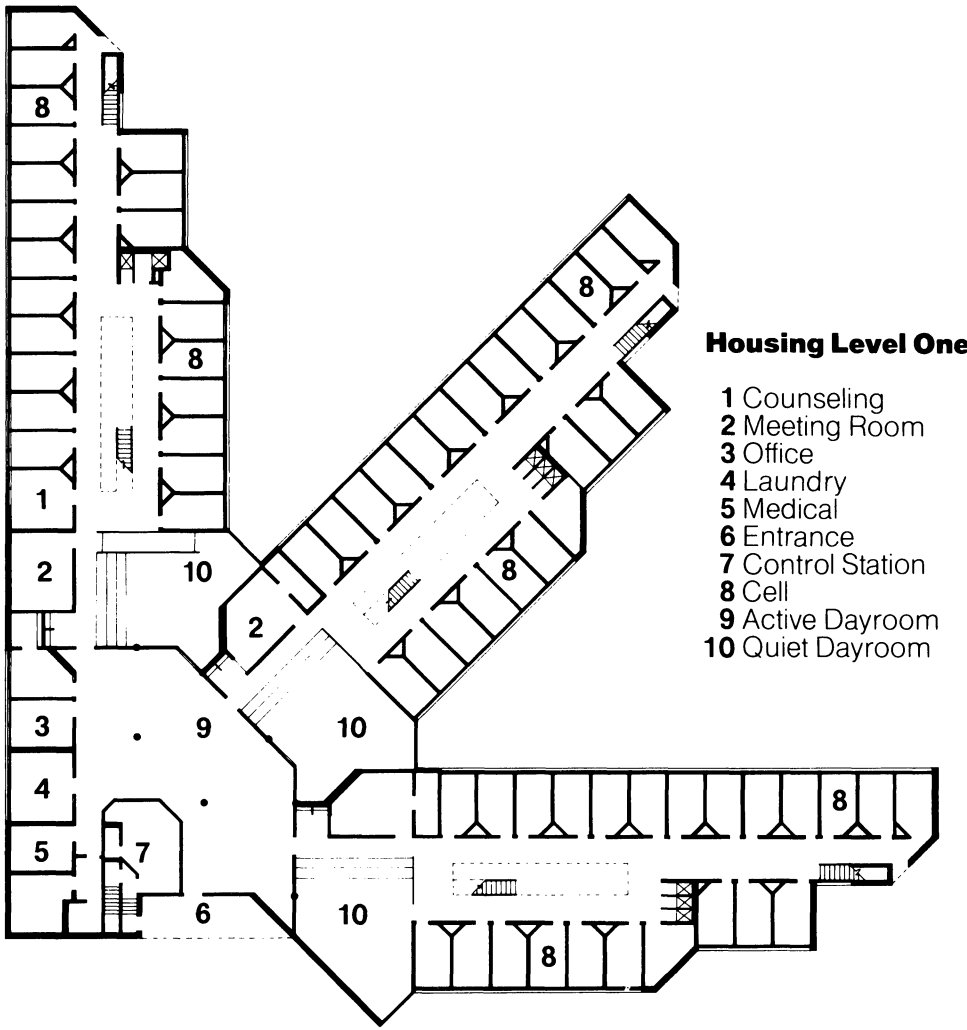
- A. Vehicular Sallyport
  - B. Holding Cells
  - C. Sallyport
  - D. Booking
  - E. Storage
  - F. Work Release/Check-in
  - G. Strip Search/Delousing
  - H. Master Control
  - I. Examination
  - J. Office
  - K. Infirmary
  - L. Visiting
  - M. Public Lobby
  - N. Training/Conference
  - O. Trustee
  - P. Minimum Security
  - Q. Male Special Holding
  - R. Program
  - S. Female Maximum
  - T. Female Minimum
  - U. Female Medium
  - V. Male Medium
  - W. Outdoor Recreation
  - X. 72 Hour Holding
  - Y. Male Maximum
  - Z. Male Minimum
  - a. Female Dorm
  - b. Female Dayroom
  - c. Common Dayroom
  - d. Men's Dorm
  - 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><b>Groundbreaking:</b> May 1981  <b>Finish date:</b> March 1984  <b>Construction time:</b> 34 months</p>	<p><b>Design capacity:</b> 545  <b>Total cost:</b> \$26,500,000  <b>Total annual operating costs:</b> \$10,330,237</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Wheel; campus</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Double fence; alarm/detection system; razor wire on fence  Inmate security level:  Maximum: 5%  Medium: 95%  Minimum: 0</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 500  Double occupancy: 0  Dorms: 0  Other: 20  Special housing: 25  General population: 520  Total: 545</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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><b>Groundbreaking:</b> November 1983  <b>Finish date:</b> December 1984  <b>Construction time:</b> 13 months</p>	<p><b>Design capacity:</b> 124  <b>Total cost:</b> \$7,134,000  <b>Total annual operating costs:</b> \$1,077,273 (addition only)</p>	<p><b>Category:</b> New, ancillary building  <b>Facility type:</b> State prison  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></p> <p>Finance method: State funds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: Moderate</p>
<p><b>Inmate cells</b></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>Single occupancy: 0  Double occupancy: 0  Dorms: 0  Special housing: 124  General population: 0  Total: 124</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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

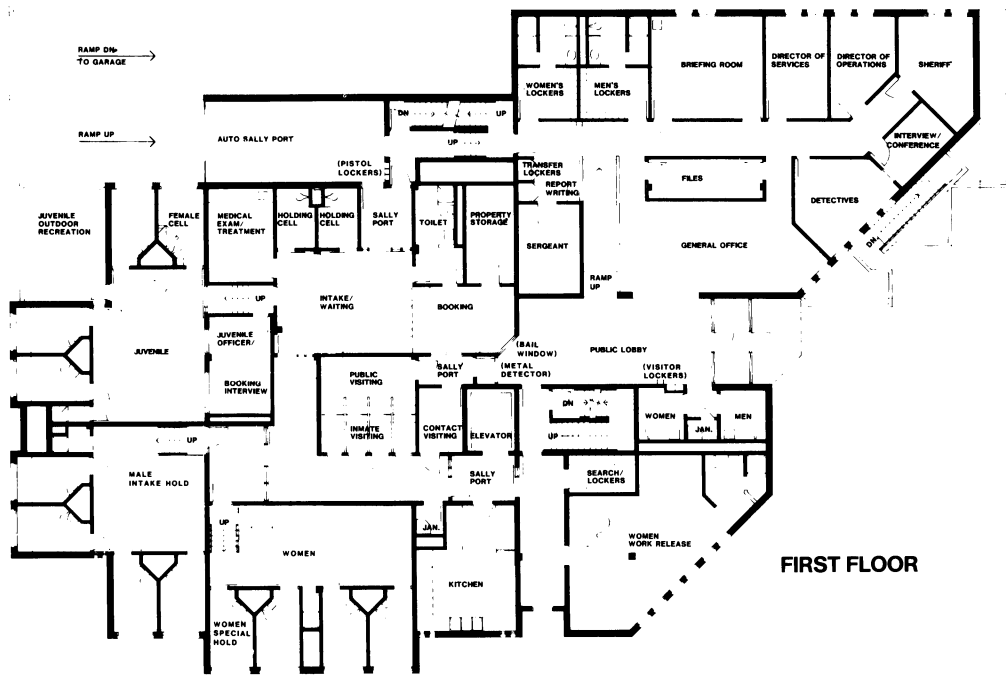
**Architect:** Northwest Architectural Company, West 1203 Riverside, Spokane, WA 99201, 509-838-8240

**Justice design consultant:** The Gruzen Partnership, 251 Post Street, San Francisco, CA 94108, 415-956-5515

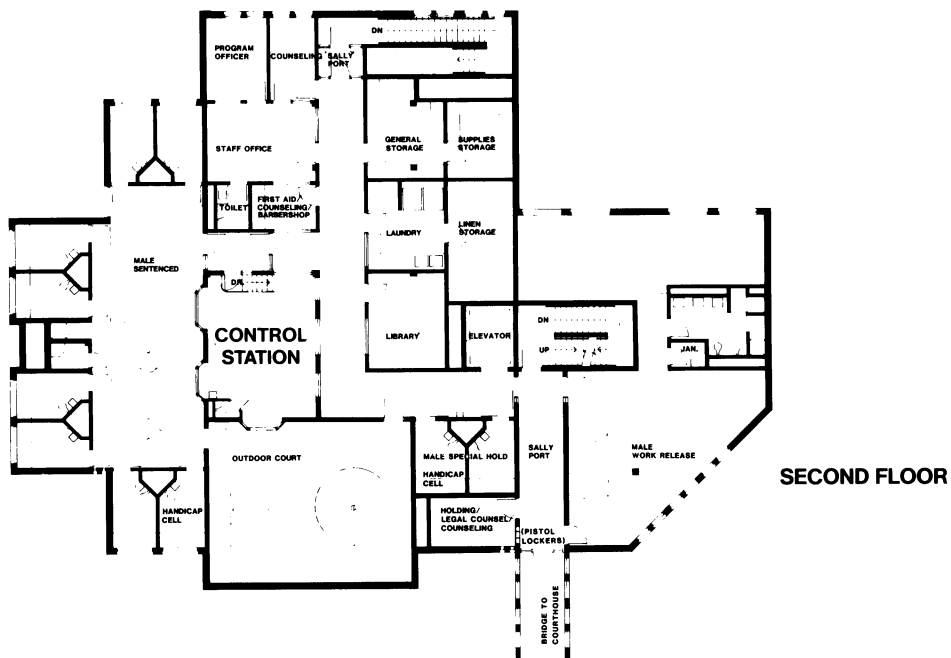
**Construction manager:** None

<p><b>Groundbreaking:</b> October 1982  <b>Finish date:</b> April 1984  <b>Construction time:</b> 18 months</p>	<p><b>Design capacity:</b> 38  <b>Total cost:</b> \$3,000,000  <b>Total annual operating costs:</b> \$330,000</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, county sheriff, county offices  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 5%  Medium: 53%  Minimum: 42%</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 22  Double occupancy: 0  Dorms: 16  Special housing: 0  General population: 38  Total: 38</p> <p><b>Current staff</b></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><b>Construction process</b></p> <p>Finance method: State funds; county levy  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Architect's reported analyses</b></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



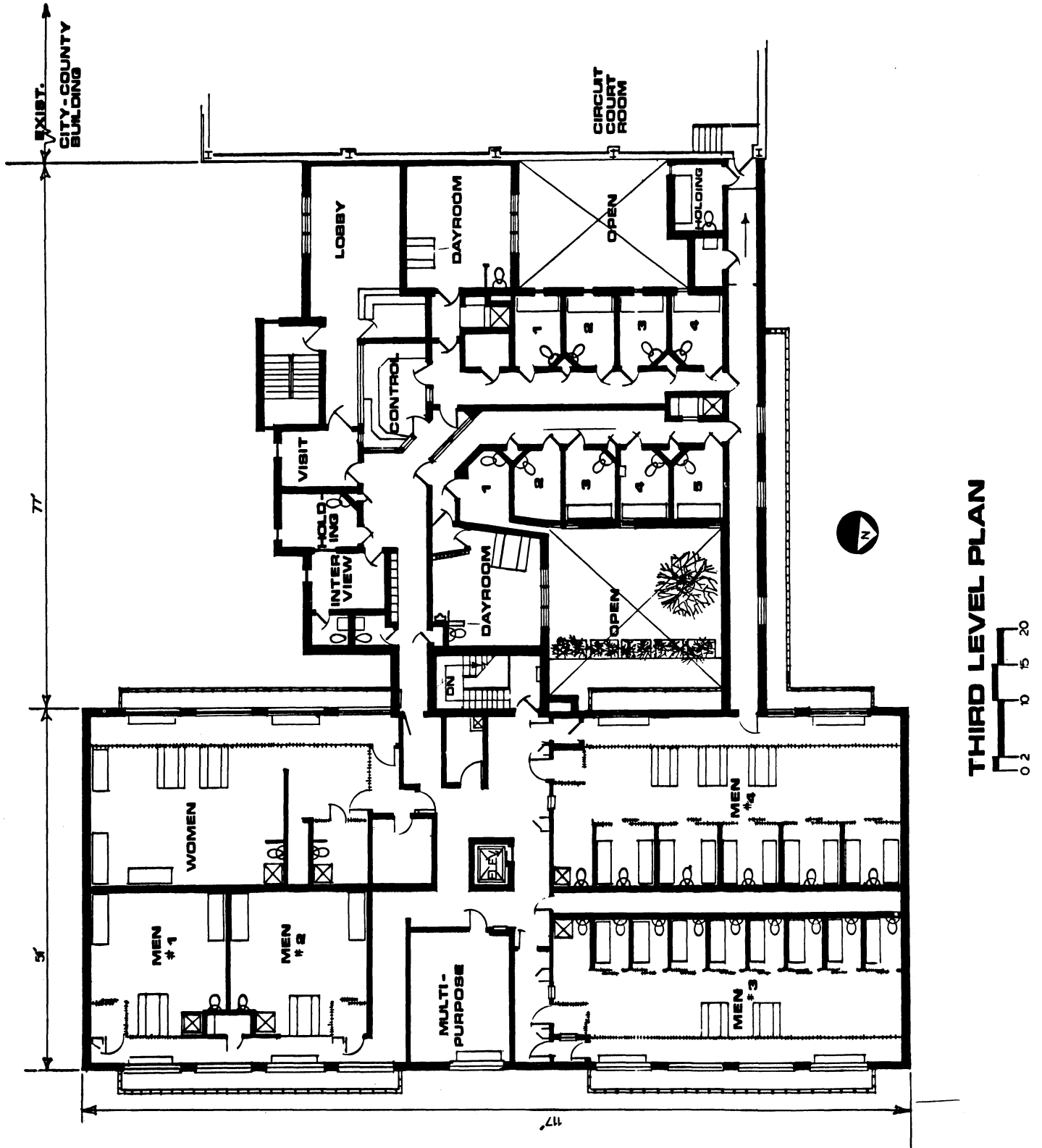
SECOND FLOOR

# 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

<p><b>Groundbreaking:</b> October 1977  <b>Finish date:</b> June 1979  <b>Construction time:</b> 20 months</p>	<p><b>Design capacity:</b> 61  <b>Total cost:</b> \$1,474,000  <b>Total annual operating costs:</b> \$620,801</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county and city jails; courts  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior; alarm/detection system; video camera surveillance  Inmate security level:  Maximum: 33%  Medium: 31%  Minimum: 36%</p>	<p><b>Inmate design capacity</b></p> <p>Single occupancy: 17  Double occupancy: 10  Dorms: 18  Special housing: 16  General population: 45  Total: 61</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architect's reported analyses</b></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>	

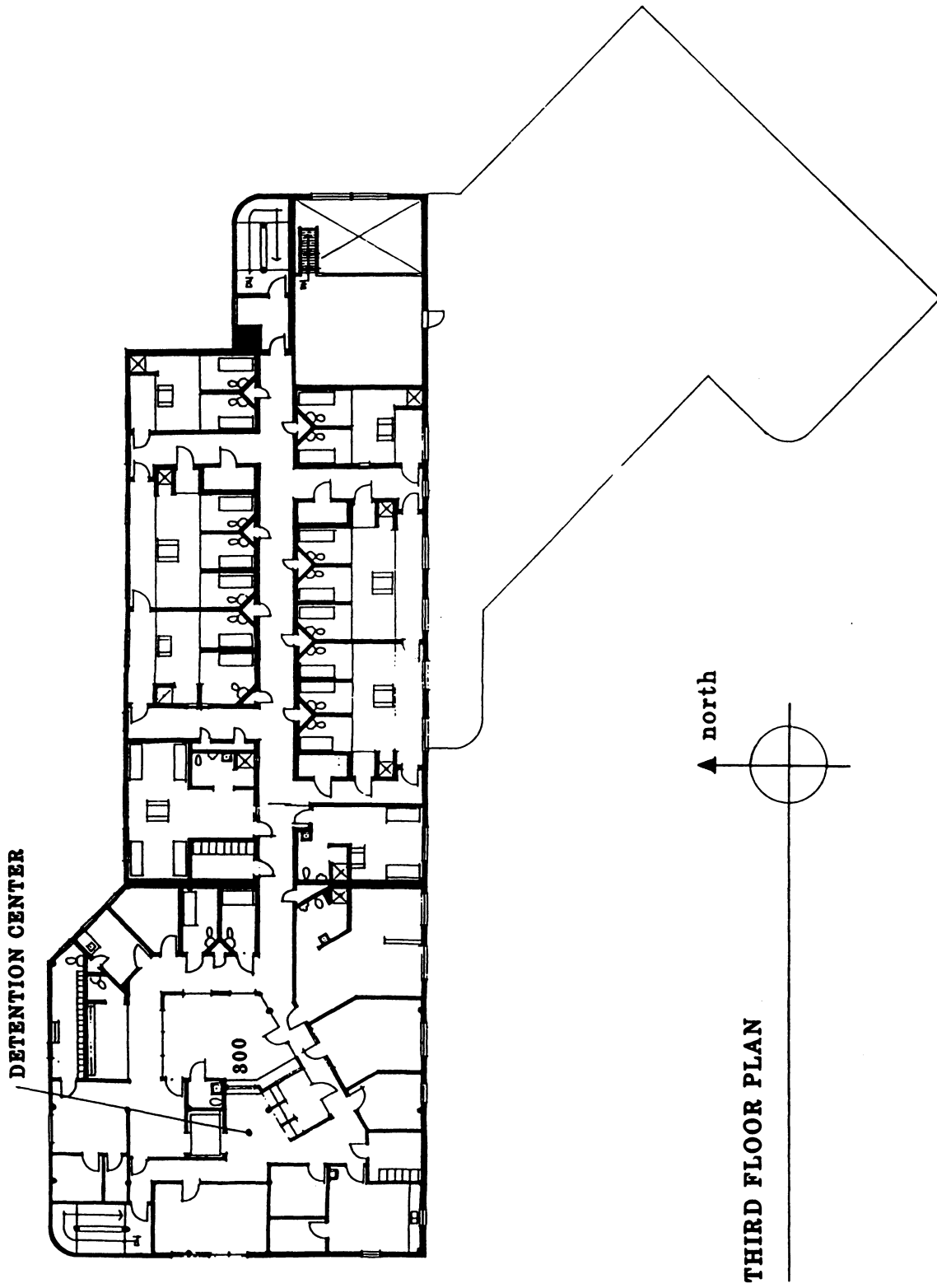


# Burnett County Government Center

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><b>Groundbreaking:</b> July 1983  <b>Finish date:</b> January 1985  <b>Construction time:</b> 18 months</p>	<p><b>Design capacity:</b> 27  <b>Total cost:</b> \$3,238,324  <b>Total annual operating costs:</b> \$288,903</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement, courts, county agencies  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Construction type</b></p>	<p><b>Inmate housing areas</b></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><b>Security</b></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><b>Inmate design capacity</b></p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Construction management  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Current staff</b></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><b>Architect's reported analyses</b></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>



THIRD FLOOR PLAN

# Columbia Correctional Institution

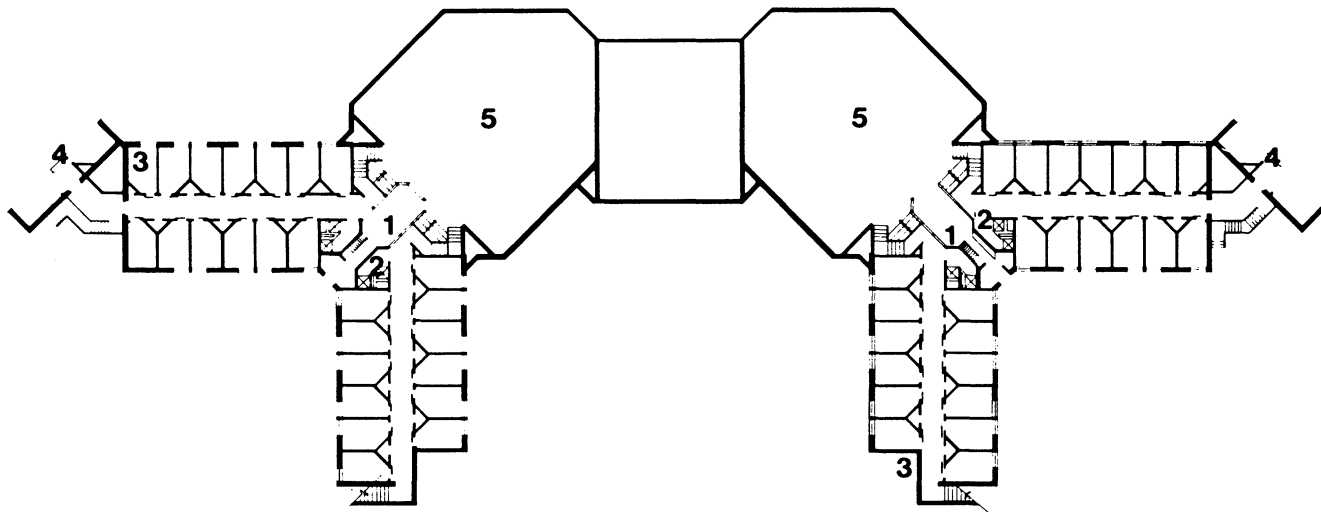
Jurisdiction official: Stephen E. Bablitch, Administrator, Department of Corrections

**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

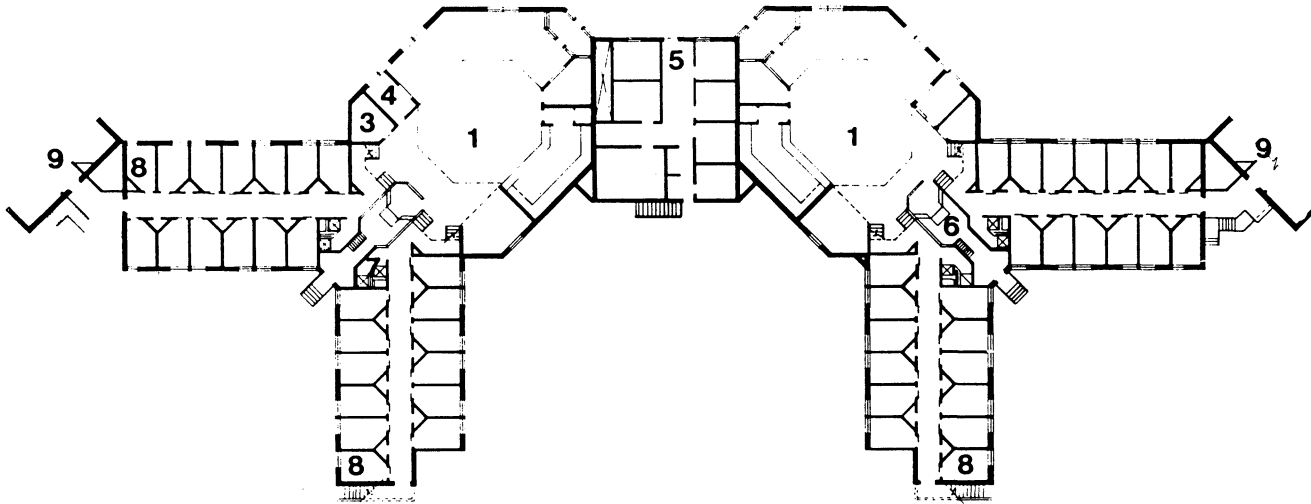
**Construction manager:** Potter, Lawson & Pawlowsky, Inc., 15 Ellis Potter Court, Madison, WI 53711, 608-274-2741

<p><b>Groundbreaking:</b> February 1984  <b>Finish date:</b> May 1986  <b>Construction time:</b> 27 months</p>	<p><b>Design capacity:</b> 511  <b>Total cost:</b> \$30,362,286  <b>Total annual operating costs:</b> \$7,326,540</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> State prison  <b>Building configuration:</b> Courtyard</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></p> <p>Structural: Steel frame  Exterior walls: CMU block  Interior walls: Cast-in-place concrete; CMU block  Exterior surface/facade: Brick</p>	<p><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Conventional  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 450  Double occupancy: 0  Dorms: 0  Special housing: 61  General population: 450  Total: 511</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></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
- 2 Showers
- 3 Cells
- 4 Adjacent Housing Unit
- 5 Upper Portion of Dayroom



**Lower Level Housing**

- 1 Dayroom
- 2 Kitchenette
- 3 Storage
- 4 Laundry
- 5 Unit Management Staff
- 6 Control Station
- 7 Showers
- 8 Cells
- 9 Adjacent Housing Unit

# Oshkosh Correctional Institution

Jurisdiction official: Steven E. Bablitch, Administrator, Division of Corrections

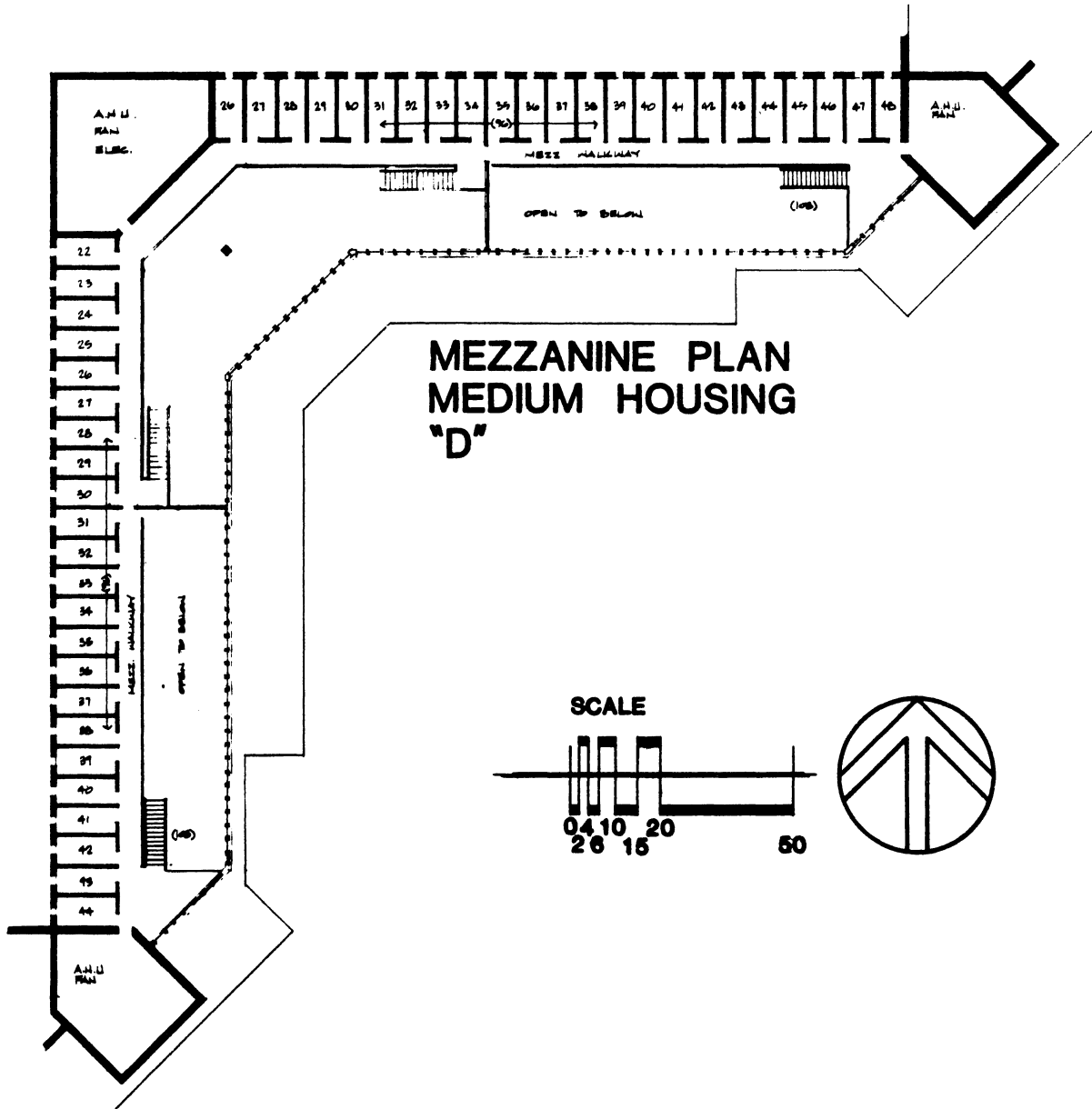
**Contact:** Superintendent Donald W. Gudmanson, Oshkosh Correctional Institution, P.O. Box 3530, 1730 West Snell Road, Oshkosh, WI 54903-3530, 414-231-4010

**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

<p><b>Groundbreaking:</b> March 1984 <b>Finish date:</b> April 1986 <b>Construction time:</b> 25 months</p>	<p><b>Design capacity:</b> 312 <b>Total cost:</b> \$23,313,398 <b>Total annual operating costs:</b> \$459,400</p>	<p><b>Category:</b> New, independent facility <b>Facility type:</b> State prison <b>Building configuration:</b> Cluster of housing units with support units at each end</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></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><b>Construction type</b></p> <p>Structural: Steel frame Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: Brick</p> <p><b>Inmate design capacity</b></p> <p>Single occupancy: 291 Double occupancy: 0 Dorms: 12 Special housing: 9 General population: 303 Total: 312</p> <p><b>Current staff</b></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><b>Construction process</b></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><b>Inmate cells</b></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><b>Architect's reported analyses</b></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>	



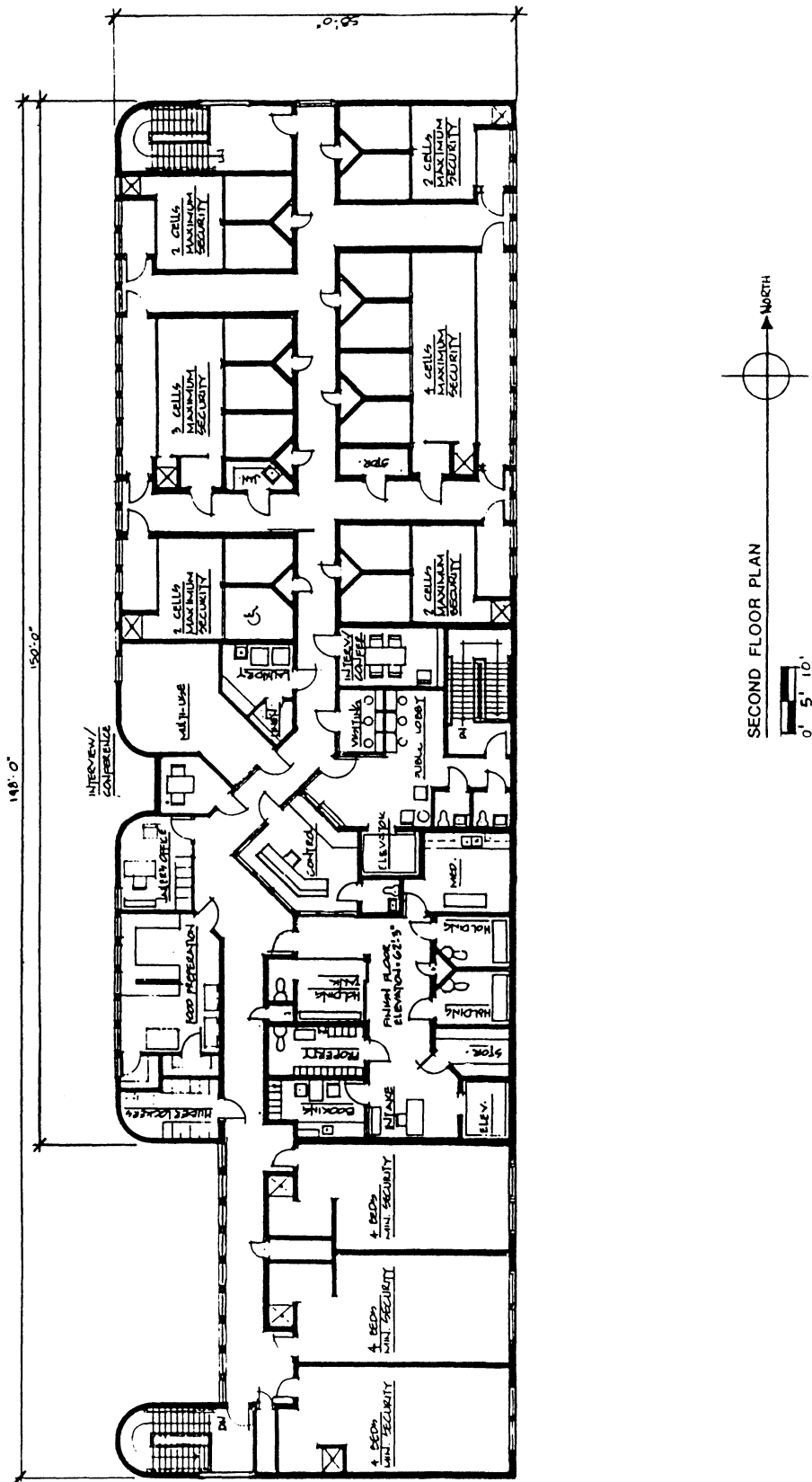


# Rusk County Law Enforcement Facility

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><b>Groundbreaking:</b> May 1984  <b>Finish date:</b> August 1985  <b>Construction time:</b> 15 months</p>	<p><b>Design capacity:</b> 29  <b>Total cost:</b> \$1,650,000  <b>Total annual operating costs:</b> \$247,800</p>	<p><b>Category:</b> New, independent facility  <b>Facility type:</b> Complex: county jail, law enforcement  <b>Building configuration:</b> Integrated structure</p>
<p><b>Costs</b></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><b>Dimensions</b></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><b>Inmate housing areas</b></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><b>Security</b></p> <p>Perimeter: Building exterior only  Inmate security level:  Maximum: 60%  Medium: 0  Minimum: 40%</p>	<p><b>Construction type</b></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><b>Construction process</b></p> <p>Finance method: G.O. Bonds  Contract method: Construction management fast track  Use of inmate labor: None  Use of prefabrication: None</p>
<p><b>Inmate cells</b></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><b>Inmate design capacity</b></p> <p>Single occupancy: 15  Double occupancy: 0  Dorms: 12  Special housing: 2  General population: 27  Total: 29</p> <p><b>Current staff</b></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><b>Architect's reported analyses</b></p> <p>Factors affecting construction costs:  Positive: Simple construction methods, repetitiveness of design  Negative: High labor costs</p> <p>Factors affecting time schedule:  Positive: None  Negative: None</p>





## **Appendix A**

ACA standards for design of  
adult correctional institutions  
and local detention facilities



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## ACA standards

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### 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.

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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.



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**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)

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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.



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## **Appendix B**

Reference: Architects and  
construction managers





Firm name	Facility name	Page
Abend Singleton Associates	Clay County Detention Center	308
Abend Singleton Associates	Johnson County Juvenile Hall	248
Afseth, Jacobs & Schmitz, Architects, A. I. A.	Jackson County Jail	426
A.J. Contracting Co.	Brooklyn Correctional Facility	364
Alexander/Truex/de Groot	Franklin County Detention/Law Enforcement Facility	270
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
Architecture One, Ltd.	Pima County Adult Detention Center (Addition)	90
Arthur Industries, Inc.	Bridgeport Correctional Center: Modular Units	172
Arthur Industries, Inc.	J. Bernard Gates Correctional Unit	174
Arthur Industries, Inc.	Rikers Island: Modular Units	382
Arthur Industries, Inc.	Southern State Correctional Facility: Modular Units (Phase I and II)	344
Barnes, Landes, Goodman and Youngblood	Beto II Unit	464
Barnes, Landes, Goodman and Youngblood	Jester Unit Number 3	502
Barnes, Landes, Goodman and Youngblood	Wallace Pack Unit I	528
Barnes, Landes, Goodman and Youngblood	Wallace Pack Unit II	530
Barrett, Daffin and Carlan, Inc.	Leon County Jail	182
Barrett, Daffin and Carlan, Inc.	Leon County Justice Complex	184
Barron, Heinberg & Brocato	Federal Detention Center	260
Benatec Associates	Schuylkill County Prison	438
B.F.W. Construction Company	Beto II Unit	464
B.F.W. Construction Company	Wallace Pack Unit I	528
Blomquist/Nelson & Associates	Correction Camp Cusino	290
Bodrell Joer' dan Smith Partnership	Elmwood—Barracks 24	116
Brice Building Company/Champion Construction Company	West Jefferson Correctional Facility	58
Brooks Association for Architecture and Planning	Brazoria County Sheriff's Department Detention Center II	468
Bruton, Knowles & Love, Inc.	Oklahoma State Penitentiary	422
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
Caudill Gustafson & Associates Architects, P.C.	Pitkin County Jail	168
CCC Architects Alaska	Cook Inlet Pre-Trial Facility	60
CCC Architects Alaska	Cook Inlet Pre-Trial Facility, Phase II	62
CCC Architects Alaska	Palmer Correctional Center Medium Security Facility	72
Cecil Lovett	Clay County Detention Center	308
Charles H. McCauley Associates, Inc.	Federal Correctional Institution, Talladega	54
Chrisman, Miller, Woodford, Inc.	Knox County Jail	256
Christopher Di Stefano & Associates, Inc.	Austin County Jail	460
Christopher Di Stefano & Associates, Inc.	Cameron County Detention Center	470
Christopher Di Stefano & Associates, Inc.	Chambers County Law Enforcement Center	472
Christopher Di Stefano & Associates, Inc.	Comal County Jail	476
Christopher Di Stefano & Associates, Inc.	Fort Bend County Jail	490
Christopher Di Stefano & Associates, Inc.	Fort Bend County Jail (Expansion)	492
Christopher Di Stefano & Associates, Inc.	Freeport Police and Courts Building	494

Firm name	Facility name	Page
Christopher Di Stefano & Associates, Inc.	Hidalgo County Jail	498
Christopher Di Stefano & Associates, Inc.	Katy Police Department	504
Christopher Di Stefano & Associates, Inc.	Liberty County Jail	508
Christopher Di Stefano & Associates, Inc.	Missouri City Police Department	510
Christopher Di Stefano & Associates, Inc.	Orange County Jail	514
Christopher Di Stefano & Associates, Inc.	Pearland Public Safety Building	516
Christopher Di Stefano & Associates, Inc.	San Patricio County Sheriff's Department	518
Christopher Di Stefano & Associates, Inc.	Starr County Jail	522
Christopher Di Stefano & Associates, Inc.	Victoria County Jail	526
Cimini Meric Burns Counce	Washington Correctional Institute	268
Con-Ark Construction Company	Cummins Unit—Medium Security	98
Concordia	Jackson County Detention Center	314
Construction Analysis & Management	Burnett County Government Center	570
Crippen, Lichau, Minta	Placer County Jail	128
Crosby, Thornton, Marshall, Booker, Lawlor, Architects	Stanislaus County Jail	148
CRS Constructors, Inc.	Fulton Reception and Diagnostic Center, Phase I	312
CRS Group	Federal Correctional Institution, Bastrop	486
CUH2A Architects, Engineers, Planners	Southern State Correctional Facility: Modular Units (Phase I and II)	344
Curtis and Davis	Nebraska State Penitentiary	332
Dahl-Braden-PTM, Inc.	Beto II Unit	464
Dahl-Braden-PTM, Inc.	Jester Unit Number 3	502
Dahl-Braden-PTM, Inc.	Lew Sterrett Justice Center	506
Dahl-Braden-PTM, Inc.	Wallace Pack Unit I	528
Dahl-Braden-PTM, Inc.	Wallace Pack Unit II	530
Dana Larson Roubal & Associates	Delta County Criminal Justice Facility	164
Dana Larson Roubal & Associates	Dodge County Judicial Center	328
Dana Larson Roubal & Associates	Woodbury Law Enforcement Center	246
Dana Larson Roubal & Associates/DLR Group	Yellowstone County Detention Facility	326
Dana Larson Roubal/Lescher & Mahoney, Inc.	Douglas County Correctional Center	330
Davidson/Kuhr Architects PC	Lewis and Clark County Criminal Justice Facility	322
Davis Brody and Associates	Federal Correctional Institution, Otisville	372
Day and Zimmerman	Gerald L. Gormley Justice Facility	338
Design Concrete, Inc.	Dooly County Jail	202
Design Group, Inc., Architects/Planners	Federal Correctional Institution, Ashland	254
Dewberry & Davis	Eastern Correctional Institution	276
Dewberry & Davis	Somerset County Detention Center	282
Dick Corporation	Allegheny County Jail Annex	430
DLR Group/Lescher and Mahoney	Pinal Mountain Juvenile Institution	92
Donham & Sweeney, Architects	Massachusetts Correctional Institution Norfolk	288
Dreyfuss and Blackford	California State Prison—Sacramento County/Folsom	112
Durrant Group	Grand Traverse County Correctional Facility	292
Edward Mattingly Associates, Inc.	Fayette County Detention Center	484
E. George Wynn—Architect	Alamosa County Law Enforcement Center	160
Ellerbe Associates, Inc.	Hennepin County Juvenile Detention Center	298
Facilities Development Corporation	Kirby Forensic Psychiatric Center	376
F.D. Freeman & Associates	Mountain View Unit	512
Federal Bureau of Prisons	Federal Correctional Institution, Tucson	86
Federal Construction Company	Union Correctional Institution	198
FEH Associates, Inc.	Polk County Jail	244
Fernandez, Lujan, Beltran, Inc.	Youth Diagnostic and Development Center	360

Firm name	Facility name	Page
Ficker & Ruffing	Orange County Sheriff's Intake Release Center	126
Flad & Associates	Alachua County Corrections Facility	178
Franz Zwolensky Associates, Architecture/Planning	Sacaton Juvenile Rehabilitation Center	94
Gary/Parsons & Associates	Mountain View Unit	512
GBKB Associates	Grand Traverse County Correctional Facility	292
Geary, Moore and Ahrens, Inc.	Ottawa County Detention Facility	404
G.E. Johnson Construction Company	Arkansas Valley Correctional Facility	162
George Dahl, Architects & Engineers	Coffield Unit	474
Geran and Associates	Beto I Unit	462
Giattina Fisher & Company Architects, Inc.	Jefferson County Jail	56
Giffels/Del Campo & Maru	California Medical Facility—South	110
Gilbane Building Company	Federal Correctional Institution, Ray Brook	374
Gilbane Building Company	Leon County Justice Complex	184
Glaser & Myers, Inc., Champlin/Haupt, Inc.	Hamilton County Justice Complex	396
Goleman & Rolfe Associates, Inc.	Bexar County Juvenile Center	466
Goleman & Rolfe Associates, Inc.	Harris County Juvenile Detention Home	496
Gonchor & Sput Architects & Planners	North Facility	380
Greenhorne & O'Mara	Prince George's County Correctional Center	280
Grier-Fripp Associates, Inc.	Eastern Correctional Center	386
Grier-Fripp Associates, Inc.	Southern Correctional Center	390
Grinder, Taber and Grinder, Inc.	Shelby County Justice Center	458
Grover Tuten	Dooly County Jail	202
Hammel Green & Abrahamson, Inc.	Minnesota Supervised Living Facility	300
Hancock Property Management, Inc.	Longwood Treatment Center	286
Hansen Lind Meyer P.C.	Union Correctional Institution	198
Harold Wirum & Associates	Fairbanks Correctional Center	64
Harold Wirum & Associates	Hiland Mountain Correctional Center	66
Harold Wirum & Associates	Meadow Creek Correctional Center	70
Harold Wirum & Associates	Yukon-Kuskokwim Correctional Center	76
Hayes, Seay, Mattern and Mattern	Roanoke City Jail	552
Heery Program Management, Inc.	Baltimore City Correctional Center	272
Heery Program Management, Inc.	Eastern Correctional Institution	276
Heery Program Management, Inc.	Somerset County Detention Center	282
Heery/Vanir CM	California State Prison—Sacramento County/Folsom	112
Heery/Vanir CM	Richard J. Donovan Correctional Facility at Rock Mountain	134
Heery/VCM	California Correctional Institution	108
Hellmuth, Obata & Kassabaum, Inc.	Alameda County North County Jail	106
Hellmuth, Obata & Kassabaum, Inc.	Bernalillo County Detention Center (South Tower)	350
Hellmuth, Obata & Kassabaum, Inc.	Clark County Detention Center	334
Hellmuth, Obata & Kassabaum, Inc.	Cook Inlet Pre-Trial Facility	60
Hellmuth, Obata & Kassabaum, Inc.	Macomb County Jail	294
Hellmuth, Obata & Kassabaum, Inc.	Missouri Eastern Correctional Center	316
Hellmuth, Obata & Kassabaum, Inc.	Montgomery County Detention Center	278
Hellmuth, Obata & Kassabaum, Inc.	North Carolina Central Prison	388
Hellmuth, Obata & Kassabaum, Inc.	Orange County Sheriff's Intake Release Center	126
Hellmuth, Obata & Kassabaum, Inc.	Richmond County Law Enforcement and Justice Center	204
Hellmuth, Obata & Kassabaum, Inc.	Shasta County Justice Center	144
Hellmuth, Obata & Kassabaum, Inc.	Twin Rivers Corrections Center	562
Hellmuth, Obata & Kassabaum, Inc.	Washington County Detention Center	284
Henningson, Durham, & Richardson, Inc.	California State Prison—Sacramento County/Folsom	112

Firm name	Facility name	Page
Henningson, Durham, & Richardson, Inc.	Fairfax County Adult Detention Center and Pre-Release Center	548
Henningson, Durham, & Richardson, Inc.	Ocean County Justice Complex	342
Henningson, Durham, & Richardson, Inc.	Young Adult Correctional Facility	538
Hercules Construction Company	Farmington Correctional Center	310
H. Holding and Associates	Arkansas Valley Correctional Facility	162
HMC Architects, Inc.	Foothill Communities Law & Justice Center	118
Hobbs/Wiginton/Fawcett—Architects & Planners	Hunt County Criminal Justice Center	500
Hope Consulting Group	Richard J. Donovan Correctional Facility at Rock Mountain	134
Hope Consulting Group	Sequoia Field Detention Facility	142
Horst-Terrill-Karst, Architects, P.A.	Kansas State Penitentiary (Phase One)	250
Hutchinson, Brown & Partners	Penitentiary of New Mexico	354
H. Wendell Mounce AIA & Associates	Torrance Police Department	152
Jacobs Wyper	Philadelphia Industrial Correctional Center	436
Jesson & Associates	TDC Hospital at Galveston	524
Jim Roberson & Associates, Inc.	Federal Correctional Institution, Tallahassee	180
J.N. Pease Associates	Craven County Law Enforcement Center	384
J.N. Pease Associates	North Carolina Central Prison	388
John Carl Warnecke & Associates/Daniel L. Dworsky FAIA & Associates	Pre-Trial Detention Facility	132
John Hackler and Company, Architects	Peoria County Adult Detention and Work Release Facility	232
John W. Cowper Company	Erie County Correctional Facility	368
Johnston/Hunt & Associates, P.S.	Jefferson County Correctional Facility	558
Johnston/Hunt & Associates, P.S.	Forks City Jail	556
Johnston Associates	Forks City Jail	556
Johnston Associates	Jefferson County Correctional Facility	558
Jones Mayer Architecture, Inc.	Farmington Correctional Center	310
Jose Barron, Jr.	Federal Detention Center	260
Justice Center Architects	Lew Sterrett Justice Center	506
Justice Systems, Inc.	Adams County Detention Facility	158
Justice Systems, Inc.	Marion County Detention Center	186
Kaplan/McLaughlin/Diaz	Contra Costa County Detention Facility	114
Kaplan/McLaughlin/Diaz	Santa Cruz County Jail (Phase I)	140
Kitchell, CEM, Inc.	Arizona State Prison—Perryville	80
Kitchell, CEM, Inc.	Lacy Security Facility	122
Kitchell, CEM, Inc.	Orange County Sheriff's Intake Release Center	126
Kitchell, CEM, Inc.	Pima County Adult Detention Center	88
Kitchell, CEM, Inc.	Sequoia Field Detention Facility	142
Lasker Goldman Corporation	Federal Correctional Institution, Otisville	372
Lasker Goldman Corporation	Federal Correctional Institution, Talladega	54
Lasseigne & Legett, AIA, Architects, Inc.	Feliciano Forensic Facility	262
Lawrence D. White & Associates, Inc.	Ellis II Unit (Phase I and II)	482
Lawrence D. White & Associates, Inc.	Ferguson Unit	488
L.D. Astorino & Associates, Ltd.	State Regional Correctional Facility at Mercer	442
Lebco Construction Company	Diagnostic Unit	480
Leo A. Daly	Nebraska State Penitentiary	332
Lescher & Mahoney/DLR Group	Yellowstone County Detention Facility	326
Lescher & Mahoney, Inc.	Cochise County Jail	82
Lescher & Mahoney, Inc.	Federal Correctional Institution, Phoenix	84
Lescher & Mahoney, Inc.	Lieber Correctional Institution	452
L.K. Travis & Associates	Bexar County Juvenile Center	466

Firm name	Facility name	Page
Louis G. Redstone Associates, Inc.	State Prison of Southern Michigan	296
Louis P. Batson III, Arch. Inc.	Clemson Police Department	448
L. Robert Kimball & Associates	Allegheny County Jail Annex	430
L. Robert Kimball & Associates	Blair County Prison	432
L. Robert Kimball & Associates	Lycoming County Prison	434
L. Robert Kimball & Associates	Warren County Correctional Center	348
L. Robert Kimball & Associates	Warren County Jail	444
L. Robert Kimball & Associates	Wyoming County Jail	446
LZT Associates, Inc.	Peoria County Adult Detention and Work Release Facility	232
Maguire Group Architects	Prince George's County Correctional Center	280
Mahan and Shappley Architects, Inc.	Shelby County Justice Center	458
Massachusetts Department of Correction	Longwood Treatment Center	286
McBro Planning & Development	Missouri Eastern Correctional Center	316
McCool-McDonald of Alaska, Inc.	Mat-su Pre-Trial Facility	68
McGuire & Shook Architects	Marion County Jail	242
McKee/Mays, A Joint Venture	Lew Sterrett Justice Center	506
McNair, Johnson and Associates	Lieber Correctional Institution	452
MDF Detention/Corrections Facilities, Inc.	Garfield County Jail	166
M & E/CM	Foothill Communities Law & Justice Center	118
Mellon-Stuart Company	Richmond County Law Enforcement and Justice Center	204
Mellon-Stuart Company	Schuylkill County Prison	438
Metric Constructors, Inc.	North Carolina Central Prison	388
M. G. Turner and Associates	Dooley County Jail	202
M. Hill Company	Shasta County Justice Center	144
Michael R. Eiben AIA	Cook County Medical and Psychiatric Facility—RTU Building	210
Miller Levine Architects, P.C.	Yellowstone County Detention Facility	326
Miller Wagner Coenen, Inc.	Oshkosh Correctional Institution	574
Milstein, Wittek & Associates, Architects, P.C.	Erie County Correctional Facility	368
Milstein, Wittek & Associates, Architects, P.C.	Masten Park Secure Center	378
Molen, Huss, Money, Fuller, Architects	Orange Street Community Correctional Center	534
Molen, Huss, Money, Fuller, Architects	Uintah County Jail	536
Moody/Nolan Ltd.	Ohio Reformatory for Women	402
Morrison-Knudsen Company, Inc.	Adams County Detention Facility	158
Morrison-Knudsen Company, Inc.	Elmwood—Barracks 24	116
Morrison-Knudsen Company, Inc.	North Facility	380
Morrison-Knudsen Company, Inc.	Southern New Mexico Correctional Facility	356
Morrison-Knudsen/Parametric Co.	Philadelphia Industrial Correctional Center	436
Morrison-Knudsen/Parametric Co.	Prince George's County Correctional Center	280
Nelson Salabes	Baltimore City Correctional Center	272
Newman and Grace Architects, Inc.	Dixon Correctional Institute	258
Newman and Grace Architects, Inc.	Louisiana Correctional Institute for Women	266
Newstrom-Davis	Pitkin County Jail	168
North Texas Construction Company	Hunt County Criminal Justice Center	500
Northwest Architectural Company	Whitman County Correctional Facility	566
O'Brien Kreitzberg Associates	California Medical Facility—South	110
Omni Signal, Inc.	Maui Community Correctional Center	206
O'Neill, Conrad, Oppelt & Joneskell, Inc.	Diagnostic Unit	480
Ozolins-D'Jock Architects, Ltd.	Burnett County Government Center	570
Ozolins-D'Jock Architects, Ltd.	Rusk County Law Enforcement Facility	576
Ozolins-D'Jock Associates	Rusk County Law Enforcement Facility	576

Firm name	Facility name	Page
Page Southerland Page	Beto I Unit	462
Page Southerland Page	Smith County Jail	520
Page-Werner & Partners	Chouteau County Law Enforcement Facility	318
Page-Werner, P.C.	Pondera County Jail	324
Patrick + Associates, Inc.	DuPage County Jail and Sheriff's Department	218
Patrick + Associates, Inc.	Jackson County Detention Center	314
Patrick + Associates, Inc.	Logan County Jail and Office Complex	398
Patrick + Associates, Inc.	Madison Correctional Institution	400
Patrick Sullivan Associates	Kings County Branch Jail	120
Patrick Sullivan Associates	Nevada County Detention Center	124
Patrick Sullivan Associates	Plumas County Sheriff's Department & Detention Facility	130
Patrick Sullivan Associates	Santa Barbara County Main Jail	138
Patrick Sullivan Associates	Tuolumne County Jail	154
Patrick Sullivan Associates	Yuba County Jail	156
Paul M. Johnson—Architect	Nashville Community Service Center	456
Percon Constructors	Martin Correctional Institution	188
Peter Brown Company	Pinellas County Jail—Medium Security Facility	190
Peter Witter, Architects	Summit County Justice Center	170
Phillips Swager Associates	Alexandria Detention Center	544
Phillips Swager Associates	Eastern Correctional Institution	276
Phillips Swager Associates	Marion County Jail	242
Phillips Swager Associates	Rock Island County Jail	234
Phillips Swager Associates	Shawnee Correctional Center	236
Phillips Swager Associates	Somerset County Detention Center	282
Phillips Swager Associates	Westside Police Area Command Station	532
PH & J Architects, Inc.	Santa Rosa County Jail	192
Polson Architects	Douglas County Jail	216
Potter, Lawson & Pawlowsky, Inc.	Columbia Correctional Institution	572
Prime Design, Inc.	Seminole County Correctional Facility	194
Pritchard & Nickles	Tunica County Jail and Sheriff's Department	306
Pritchard & Nickles, Engineers/Planners	Tunica County Jail and Sheriff's Department	306
Quinlivan Pierik & Krause, Architects/Engineers	Elmira Correctional & Reception Center Food Service & Dining Facility	366
Ralph Allen and Partners	Lacy Security Facility	122
Rees Associates, Inc.	Cleveland County Detention Center	410
Rees Associates, Inc.	Kay County Detention Facility	412
Rees Associates, Inc.	Mabel Bassett Correctional Center	418
Reese-Carr	Cochise County Jail	82
Reese-Carr	Pima County Adult Detention Center (Addition)	90
R.L. Smith—Architecture	Ohio County Correctional Center	568
RNL Design	Arkansas Valley Correctional Facility	162
Robert E. McGee, Inc.	Federal Correctional Institution, Bastrop	486
Robert P. Madison International	Ashtabula County Justice Center	392
Robert P. Madison International	Wayne County Justice Center	408
Roger Richter/Architect, Inc.	Muskogee County/City Detention Facility	420
Rose, Beaton + Rose	Kirby Forensic Psychiatric Center	376
Rosser White Hobbs Davidson McClellan & Kelly, Inc.	Marion County Detention Center	186
Rosser White Hobbs Davidson McClellan & Kelly, Inc.	South Florida Reception Center	196
Ruhlin Construction Company	Ashtabula County Justice Center	392
Salogga, Bradley, Likins, Dillow	Danville Correctional Center	212

Firm name	Facility name	Page
Sauter Seaborne Architects Engineers Ltd.	Oshkosh Correctional Institution	574
Schutz Foss Architects	Jefferson County Criminal Justice Center	320
Schweizer, Inc.	Martin Correctional Institution	188
Sherertz, Franklin, Crawford, Shaffner	Augusta County Jail	546
Sherertz, Franklin, Crawford, Shaffner	Pittsylvania County Jail	550
Shoemaker Construction Company	Southern State Correctional Facility: Modular Units (Phase I and II)	344
Siegfried Construction	Erie County Holding Center	370
Slaughter & Allred, P.A., A.I.A.	Jackson County Adult Detention Center	302
Slemmons Associates Architects, P.A.	Shawnee County Department of Corrections	252
Spillis Candela & Partners, Inc.	South Florida Reception Center	196
Steinkamp & Nordloh	Clermont County Jail	394
Sullivan Associates, Architects & Planners	Camden County Correctional Facility	336
Sullivan Associates, Architects & Planners	Gerald L. Gormley Justice Facility	338
Sullivan Associates, Architects & Planners	State Correctional Institution at Smithfield	440
Texas Department of Corrections	Jester Unit Number 3	502
Texas Department of Corrections	Wallace Pack Unit II	530
The Benham Group, Inc.	Lexington Assessment & Reception Center	414
The Benham Group, Inc.	Ouachita Correctional Center	424
The BJSS Group, Architects & Planners, AIA	Washington Corrections Center Intensive Management Unit	564
The BJSS Group, Architects & Planners, AIA	Thurston County Corrections Facility	560
The BJSS Group	Washington Corrections Center Intensive Management Unit	564
The Design Collective, P.A.	Mississippi State Penitentiary—Unit 29	304
The Design Partnership, Architects Planners	San Joaquin County Honor Farm Women's Minimum Security Facility	136
The Ehrenkrantz Group	Erie County Holding Center	370
The Ehrenkrantz Group	Philadelphia Industrial Correctional Center	436
The Ehrenkrantz Group	Placer County Jail	128
The Ehrenkrantz Group	Sunnyvale Public Safety Building and Temporary Holding Facility	150
The Ehrenkrantz Group	Sonoma North County Detention Facility	146
The Grad Partnership	Middlesex County Correctional Facility	340
The Grad Partnership	Ocean County Justice Complex	342
The Grad Partnership	Trenton State Prison	346
The Gruzen Partnership	Hamilton County Justice Complex	396
The Gruzen Partnership	Penitentiary of New Mexico	354
The Gruzen Partnership	Whitman County Correctional Facility	566
The Hoffman Partnership	Fulton Reception and Diagnostic Center, Phase I	312
The Leon Bridges Company	Baltimore City Jail	274
The Lisiewski Group	Camden County Correctional Facility	336
The McGinty Partnership Architects, Inc.	Westside Police Area Command Station	532
The NBBJ Group	Lewis and Clark County Criminal Justice Facility	322
The Office of David Elliott Leibowitz, P.C.	Brooklyn Correctional Facility	364
The Robinson Green Beretta Corporation	Federal Correctional Institution, Ray Brook	374
3D International	Ellis II Unit (Phase I and II)	482
Tiller/Butner/Rosa Architects	West Jefferson Correctional Facility	58
Timbes/Wilund/Usry/Architects, Inc.	Myrtle Beach Law Enforcement Center	454
TRA, Architecture Engineering Planning Interiors	Twin Rivers Corrections Center	562
Turner Construction Company	Contra Costa County Detention Facility	114
Turner Construction Company	Justice Center	428
Turner Construction Company	Pre-Trial Detention Facility	132

<b>Firm name</b>	<b>Facility name</b>	<b>Page</b>
Turner Construction Company	Westside Police Area Command Station	532
Turner/Smoot	Madison Correctional Institution	400
Turner-Witt Associates, Inc.	Centralia Correctional Center	208
Turner-Witt Associates, Inc.	Dixon Correctional Center	214
Turner-Witt Associates, Inc.	Dwight Correctional Center (1979 Addition)	220
Turner-Witt Associates, Inc.	Dwight Correctional Center (1984 Addition)	222
Turner-Witt Associates, Inc.	East Moline Correctional Center	224
Turner-Witt Associates, Inc.	Graham Correctional Center	226
Turner-Witt Associates, Inc.	Illinois Youth Center—Kankakee (Dining Facility)	228
Turner-Witt Associates, Inc.	Illinois Youth Center—Kankakee (Housing Unit)	230
Turner-Witt Associates, Inc.	Sheridan Correctional Center (Kitchen/Dining Facility)	238
Turner-Witt Associates, Inc.	Sheridan Correctional Center (Medical/Security Services)	240
University of Texas	TDC Hospital at Galveston	524
Van H. Gilbert Architect	Youth Diagnostic and Development Center—Phase III	362
Varney, Sexton, Lunsford, Aye, Associates—Architects, Inc.	Arizona State Prison—Florence	78
Varney, Sexton, Lunsford, Aye/Gruzen Associated Architects	Arizona State Prison—Perryville	80
VBN/Gruzen	California Correctional Institution	108
Voinovich Sgro Architects	Ross Correctional Institution	406
VVKR, Inc.	Alexandria Detention Center	544
Watson and Company	Pinellas County Jail—Medium Security Facility	190
W.C. Kruger & Associates, Architects-Planners, Inc.	Central New Mexico Correctional Facility	352
W.C. Kruger & Associates, Architects-Planners, Inc.	Southern New Mexico Correctional Facility	356
W.C. Kruger & Associates, Architects-Planners, Inc.	Western New Mexico Correctional Facility	358
Weymouth Architects, A.I.A.	Delaware Correctional Center (Maximum Security)	176
W. Gene Williams & Associates, Inc.	Darrington Unit	478
W. Gene Williams & Associates, Inc.	Lexington Assessment and Reception Center, Phase I and II	416
Wiemann-Lamphere Architects, Inc.	Northwest State Correctional Facility	540
Wittenberg, Delony & Davidson, Inc.	Cummins Unit—Medium Security	98
Wittenberg, Delony & Davidson, Inc.	Maximum Security Unit, Tucker Unit	102
Wittenberg, Delony & Davidson, Inc.	West Jefferson Correctional Facility	58
WKSD Architects	Shasta County Justice Center	144
WMFL Architects & Engineers	Lexington Assessment and Reception Center, Phase I and II	416
Zimmer Gunsul Frasca Partnership	Justice Center	428



# 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.

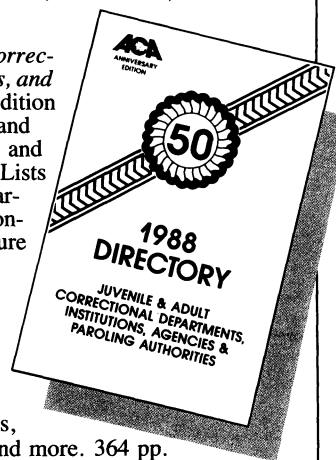
## Standards and guidelines

*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.

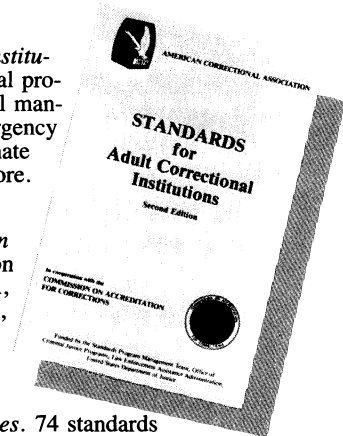
*Standards for Adult Local Detention Facilities.* 392 standards focusing on 22 program areas such as personnel, training, safety, sanitation, security, health care, reception, and inmate supervision address the special needs of local jails. 1981. 142 pp.

*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 budget, total expenditures, contact names and phone numbers, completion dates, security levels, and much more. To order, call 301-699-7600.



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# 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.

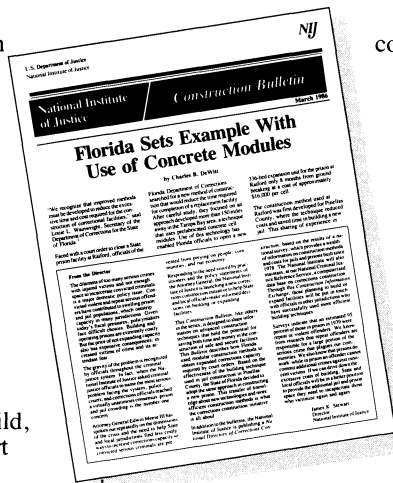
The exchange has helped a variety of people since it began and it can help you as well. When your community needs to build, expand, or remodel a corrections facility, you don't have to start from scratch. You can build on the experience of officials who faced similar situations in other communities.

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.

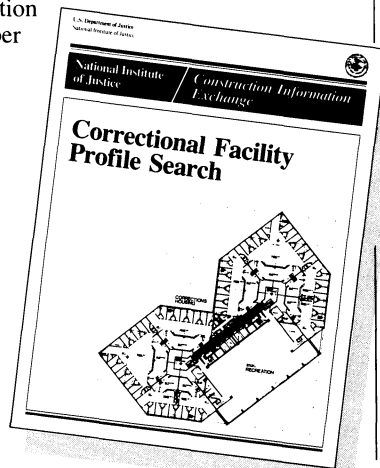
- **Construction Bulletins**—pamphlets that feature case studies of critical corrections issues and noteworthy construction projects. These summaries explain how jurisdictions have realized savings in time, money, or both. The bulletins cover areas such as construction financing, jail planning, security 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

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**National Institute of Justice**

*Construction  
Directory*

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