



National Institute of Justice

Issues and Practices

CONSTRUCTION REPORTER
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National Directory of Corrections Construction

1993 Supplement

About the National Institute of Justice

The National Institute of Justice, a component of the Office of Justice Programs, is the research and development agency of the U.S. Department of Justice. NIJ was established to prevent and reduce crime and to improve the criminal justice system. Specific mandates established by Congress in the Omnibus Crime Control and Safe Streets Act of 1968, as amended, and the Anti-Drug Abuse Act of 1988 direct the National Institute of Justice to:

- *Sponsor special projects and research and development programs* that will improve and strengthen the criminal justice system and reduce or prevent crime.
- *Conduct national demonstration projects* that employ innovative or promising approaches for improving criminal justice.
- *Develop new technologies* to fight crime and improve criminal justice.
- *Evaluate the effectiveness of criminal justice programs* and identify programs that promise to be successful if continued or repeated.
- *Recommend actions* that can be taken by Federal, State, and local governments as well as private organizations to improve criminal justice.
- *Carry out research on criminal behavior.*
- *Develop new methods of crime prevention* and reduction of crime and delinquency.

The National Institute of Justice has a long history of accomplishments, including the following:

- Basic research on career criminals that led to the development of special police and prosecutor units to deal with repeat offenders.
- Research that confirmed the link between drugs and crime.
- The research and development program that resulted in the creation of police body armor that has meant the difference between life and death to hundreds of police officers.
- Pioneering scientific advances such as the research and development of DNA analysis to positively identify suspects and eliminate the innocent from suspicion.
- The evaluation of innovative justice programs to determine what works, including drug enforcement, community policing, community anti-drug initiatives, prosecution of complex drug cases, drug testing throughout the criminal justice system, and user accountability programs.
- Creation of a corrections information-sharing system that enables State and local officials to exchange more efficient and cost-effective concepts and techniques for planning, financing, and constructing new prisons and jails.
- Operation of the world's largest criminal justice information clearinghouse, a resource used by State and local officials across the Nation and by criminal justice agencies in foreign countries.

The Institute Director, who is appointed by the President and confirmed by the Senate, establishes the Institute's objectives, guided by the priorities of the Office of Justice Programs, the Department of Justice, and the needs of the criminal justice field. The Institute actively solicits the views of criminal justice professionals to identify their most critical problems. Dedicated to the priorities of Federal, State, and local criminal justice agencies, research and development at the National Institute of Justice continues to search for answers to what works and why in the Nation's war on drugs and crime.

**National Directory of
Corrections Construction**
1993 Supplement

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National Institute of Justice

Michael J. Russell

Acting Director

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The National Institute of Justice is a component of the Office of Justice Programs, which also includes the Bureau of Justice Assistance, Bureau of Justice Statistics, Office of Juvenile Justice and Delinquency Prevention, and the Office for Victims of Crime.

Foreword

National Institute of Justice

The Nation's prisons and jails continue to face a crowding crisis. A steady stream of offenders has more than doubled Federal and State prison populations during the past 10 years, bringing the current total to a record 883,593, according to the Bureau of Justice Statistics. Local jail populations have surpassed 420,000, and the probation and parole population now exceeds 3.2 million.

Prison and jail capacities are lacking in many localities, compromising efforts to effectively punish offenders and deter crime. Federal, State, and local authorities need practical, proven information on more rapid and economical ways to meet the increasing demand for bed space.

That is why the National Institute of Justice (NIJ) created the Construction Information Exchange (CIE)—an important resource that can help Federal, State, and local jurisdictions make crucial investment decisions when building or expanding corrections facilities. The Exchange provides easy access to the latest concepts and techniques for planning, financing, and constructing new prisons and jails. Federal, State, and local officials can tap into this valuable network and obtain the information they need through the Construction Data Base, the Construction Information Exchange Reference and Referral Service, the *National Directory of Corrections Construction*, and Construction Bulletins. Specific information on how CIE works is included in this directory.

A key element of the Exchange is this *National Directory of Corrections Construction*, based on results of a national survey administered by the American Institute of Architects, Association of Collegiate Schools of Architecture Council (ACSA) on Architectural Research. The directory is a catalog of up-to-date designs, construction and finance methods, and costs for 148 of the prisons and jails completed and operational since 1985. Two previous editions of the directory focused on similar information for prisons

and jails completed after 1978. For the first time, this supplement features:

- Data on complex-use facilities (secure areas of facilities with law enforcement or courts components located within the same complex).
- Facilities that serve special inmate populations, such as drug offenders and females.
- Facilities using advanced technology systems, such as closed-circuit television, perimeter detection/alarm, paging or sound systems, and satellite or cable communication.
- The costs of land acquisitions, equipment and furnishings purchases, and site development.
- Location-specific information on the Nation's cities, suburbs, and rural communities.

Corrections officials can turn to this compendium for a wide range of options to help them make the most informed decisions on corrections construction for today and in the future.

The construction projects featured in this directory are also available in the Construction Information Exchange data base in greater detail. The data base includes all the information—more than 400 types of data on each facility—obtained from architects and facility administrators. This data base reflects continuous activities to collect and maintain information on prison and jail projects as they are completed and become operational.

With support from the Bureau of Justice Assistance and cooperation from the American Institute of Architects, ACSA Council on Architectural Research, NIJ's Construction Information Exchange can benefit Federal, State, and local officials by providing innovative approaches that incorporate techniques of proven effectiveness. By building on the experience of others, officials can develop well-designed, cost-effective prison and jail facilities that will serve the needs of their jurisdictions.

Michael J. Russell
Acting Director

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We are also indebted to all of the facility administrators, government officials, and architects who contributed information about their projects.

Introduction

The National Institute of Justice developed the *National Directory of Corrections Construction* to assist corrections officials and others seeking to expand their facility capacities. The directory is one of four components of NIJ's Construction Information Exchange (CIE)—a resource that promotes sharing information on building jails and prisons in a timely and cost-effective manner.

This supplement of the *National Directory of Corrections Construction* features many of the prison and jail projects completed since 1985. The three sections and three appendixes, highlighted below, can assist officials in the various phases of planning, designing, financing, and constructing new and expanded corrections resources.

Section 1

The first section includes a glossary of terms used in the facility profiles in section 3. The sequence of these terms corresponds to their order of appearance in the profiles, and each is coded to distinguish the source of data used: the architect, facility administrator, or a mathematical calculation. In some instances, profile data fields may be listed as "Unknown" or "N/A." "Unknown" indicates that information was not provided, and "N/A" indicates that the item does not apply to the particular project. For example, the profile does not show the total cost per inmate for a complex-use project because the calculation would be invalid; hence, the data field lists "N/A."

Also included in section 1 are cost indexes to assist in comparing construction projects. These cost indexes enable readers to make detailed cost comparisons between different years and geographic regions. Years of comparison are available from 1978 through 1992. The 1978 base allows for comparison of facilities featured in previous editions of the *National Directory of Corrections Construction*.

Section 2

The second section is composed of indexes that serve as locators for particular projects based on location, inmate design capacity by facility type, and category of construction. An alphabetical listing by facility name is also provided. These indexes can assist readers in locating projects that are comparable to their individual needs. Additional information is provided in the appendixes.

Section 3

The primary component of the directory, section 3 features profiles of 148 prison and jail construction projects. These profiles were prepared from data submitted and verified by architects and facility administrators of projects completed and operational since 1985. Profiles appear in a two-page format, and in most instances, each is augmented with a floor plan of the typical housing unit. The projects highlighted in this directory were accepted without evaluation and include examples of both positive and negative experiences. Facility profile pages are presented alphabetically by the State in which they are located and alphabetically by facility name.

Each facility profile provides 91 pieces of information; additional information for each project, illustrated in appendix B, is available in the data base.

Appendixes

Appendix A provides an alphabetical listing of architectural firms and construction managers appearing in this directory. Appendix B shows a sample layout of the full range of facility data available on the CIE data base. Finally, appendix C lists additional sources and readings for corrections construction-related information. Publications featured include those by the National Institute of Justice as well as those available in the NIJ/NCJRS literature data base.

Data Comparison

In identifying similar projects and facilities, caution must be exercised when actually comparing and contrasting data.

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 with a "new, independent facility" offering 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. And highrise facilities are almost always more expensive than lowrise buildings even when their capacities are the same.

Dimensions. When comparing dimensions, readers should examine "gross square feet per inmate." This is 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 that the policy of a particular jurisdiction requires that more space be provided for vocational training, counseling, and other support activities rather than larger cells. An example of a common difference is where one facility has dayrooms contiguous to cells and another facility has only corridors.

Housing areas. To facilitate comparisons of different types of correctional facilities, each 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 inmates, it is important to note terms such as "Housing area," "Housing per inmate," "Housing area square feet," and "Size of cells." These statistics allow comparisons that might otherwise be impossible.

The Construction Information Exchange Program

In addition to the directory, the Exchange provides three other information resources.

Construction data base. Features the full range of data supplied by the architects and facility administrators for each completed and operational prison and jail. Diskettes and hardcopy printouts to meet individual needs are available for analysis purposes.

Reference and referral. Assist in responding to questions and concerns about jail and prison crowding, alternatives, and construction issues. Information specialists are available to provide information through searches of the CIE data base, publications, and referrals.

Construction Bulletins. Report on selected projects and topics that illustrate substantial time and cost savings in constructing correctional facilities.

Once a decision has been made to build, officials must then consider many critical questions that will determine what shape, size, or cost the new or expanded facility will take. Through the Construction Information Exchange and the directory, corrections officials can build upon the experiences of others.

For further assistance, contact the Construction Information Exchange: NIJ/NCJRS, Box 6000, Rockville, MD 20850; 800-851-3420.

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Appendix A

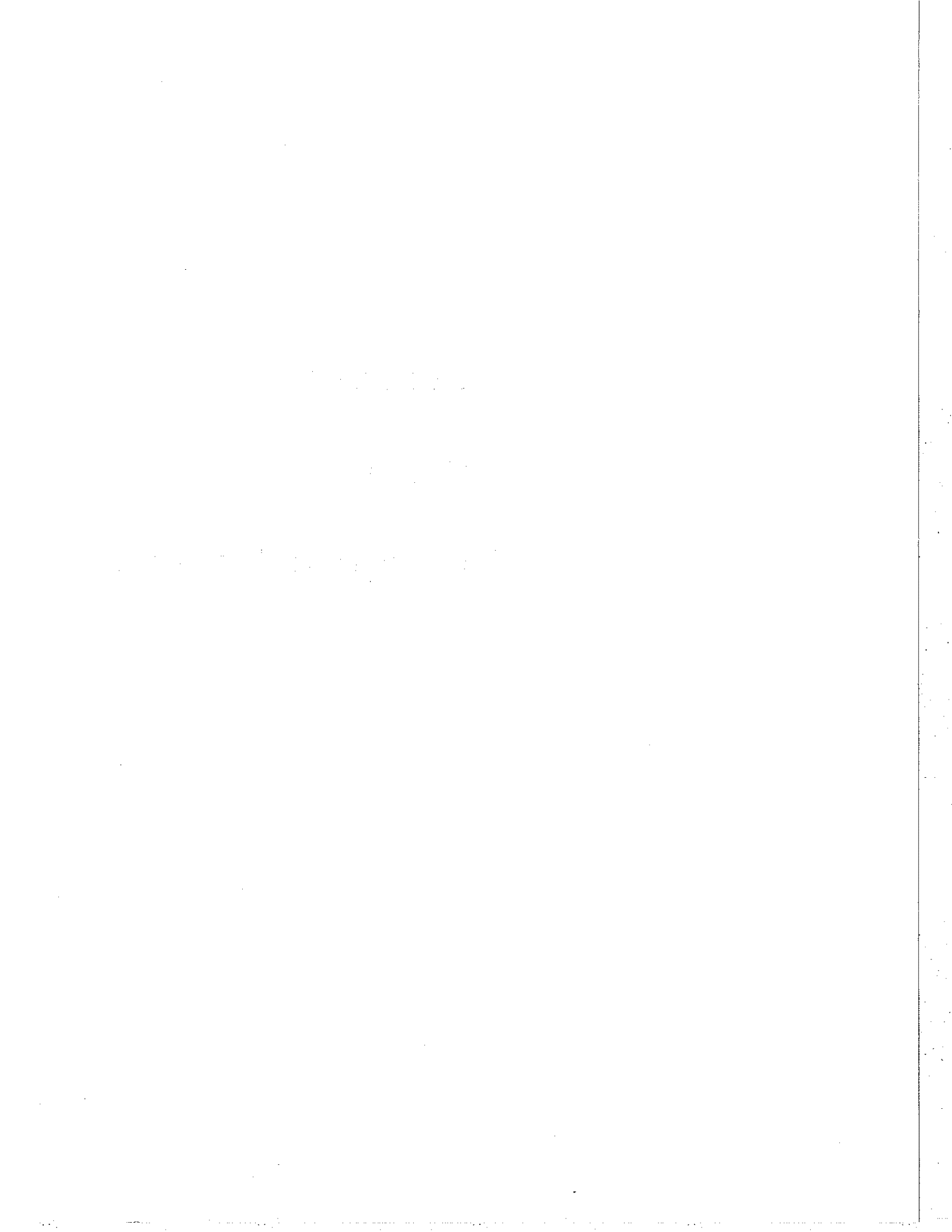
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Section 1

Glossary

Construction Cost Indexes

Glossary

The terms explained in this glossary follow the order in which they appear in the facility profiles.

Some of the responses in the facility profiles may include the following:

N/A—not applicable.

Unknown—information not provided or unable to determine.

None—as in the case of “inmate labor” and “prefabrication,” none used.

To distinguish the sources of information, the following codes are used in this glossary:

(A)—as reported by the architect.

(F)—as reported by the facility contact.

(C)—calculations.

Responsible official

The title and jurisdiction of the responsible elected official under which the facility falls (for example, sheriff, mayor, or commissioner). (F)

Contact

The name, title, and phone number of the responsible official at the facility (for example, sheriff, jail administrator, or warden). This includes (where applicable) both the actual location and mailing address. (F)

Architect

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

Construction manager

If applicable, the name, address, and phone number of the company hired to oversee the construction process. (A)

Facility type

Complex use: building with multiple purposes. 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 because it may not be possible to isolate corrections costs from the costs for other areas of the building. (F)

Jail: facility operated by any Federal, State, or local (county/city/combination) government. Jails operated by

these units of government typically house pretrial detainees. Jails may also house locally sentenced inmates (typically sentenced to 1 year or less). Inmates may be held on both felony and misdemeanor charges. Several States permit inmates from State prison systems to be housed in local jail facilities. Some States such as Pennsylvania refer to their detention facilities as prisons. Other States (i.e., Alaska, Connecticut, Delaware, Hawaii, Rhode Island, and Vermont) have integrated prison and jail systems. (F)

Prison: facility operated by any State, the District of Columbia, or the Federal Government. Unlike local jails, prisons house only sentenced offenders for periods typically longer than 1 year. Some States permit units of local government to board jail inmates in State facilities, but this practice is unusual. (F)

Private: facility operated by a private entity. Inmates are sentenced to the Federal, State, or local correctional system and can be housed in privately operated facilities. (F)

Jurisdiction type

The jurisdictional level of inmates confined to the facility. Options include Federal, State, county, or city. (F)

Commitment type

The type of inmate housed in the facility, classified as either pretrial or sentenced. (F)

Category

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

Conversion: acquiring an existing facility such as a warehouse and converting it into a correctional facility.

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

New, ancillary building: an entirely new building, but relying on existing buildings for some or all support services. The new facility 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.

New, independent facility: an entirely new facility with complete support services that does not rely on other facilities.

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

Phased project (past): completion of previously "master planned" space(s) "shelled out" or partially constructed at an earlier date.

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

Temporary facility/housing: premanufactured or portable units not intended for long-term use.

Building configuration

The physical arrangement of individual buildings. In a complex-use facility, building configuration is provided for the court or law enforcement building(s). (Figure 1) (A)

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

Clusters: a number of interconnected individual buildings.

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

Highrise: one building, more than four stories.

Integrated structure: one building.

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).

Complex use

Lists other spaces within the project. These include, but are not limited to, courts or law enforcement. Cost comparisons are discouraged for this type of facility because it may not be possible to isolate corrections costs from the costs for other areas of the building. (A)

Facility location

Description of the project location—rural, suburb, or urban. (F)

Amount of land

The total acreage acquired for the project. (F)

Time

Groundbreaking: the official date marking the beginning of construction. (A)

Finish date: the date when the project is ready for occupation and operation. (F)

Construction time: the elapsed time, in months, from groundbreaking to substantial completion of the facility. (A)

Substantial completion: the stage in the progress of construction when the work or designated portion thereof is sufficiently complete in accordance with the contract documents so the owner can occupy or utilize the facility for its intended use. (F)

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 site, the time of public employees, or administrative expenses for the project. Because it is intended to show the cost of construction, it does not include fees for architects and other consultants. (F)

Building only: the cost for the facility only, excluding all site work. Costs such as grading, paving, and providing utilities are not included here. (F)

Final construction cost: indicates whether the final cost for the project was higher or lower than, or the same as, the construction cost prior to bid. (F)

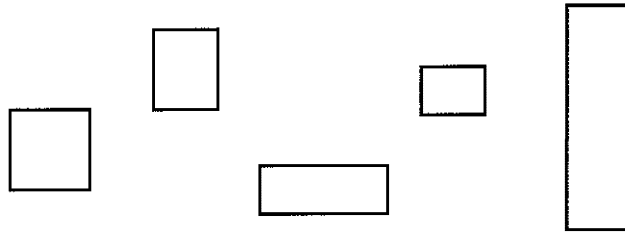
Housing area: the cost for those areas of the correctional facility designed for housing inmates. This includes the total gross square footage of the entire housing building, unit, or level, including the contiguous and associated spaces for mechanical, circulation, storage, visiting, control, counseling,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

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 area cost. (C)

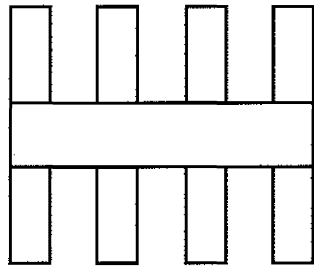
Housing per cell: the housing cost per general population cell. This figure is computed by dividing the total number of general population cells into the housing area cost. (C)

Figure 1
Building configuration

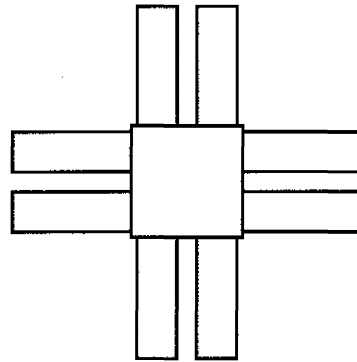
Campus style



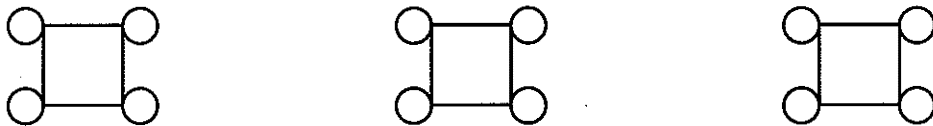
Ladder, telephone pole



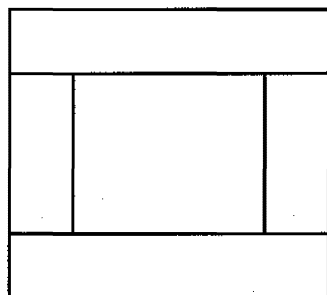
Wheel, spoke, or radial



Clusters



Courtyard



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 cost. This cost is not calculated for complex-use facilities. (C)

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

Total per NSF: the total construction cost per net square foot. This figure is computed by dividing the total net square footage into the total construction cost. (C)

Total annual operating costs: the total current fiscal year budget for the new facility, addition, or expansion. Cost shown is related to the construction project. In the case of an addition, this figure represents the operating cost for that portion of the facility only. This figure only represents corrections costs; it does not include costs that are affiliated with a complex-use facility. This figure is computed by adding staff, utilities, medical, food, transportation, supplies and equipment, maintenance, communications, and other operating costs. (F)

Construction type

Structural: the frame that carries the building's weight and provides structural support for the facility. Examples of a type of structural system include steel frame, load-bearing precast panels, cast-in-place concrete frame, precast concrete frame, precast concrete cells, and modular metal cells. (A)

Exterior walls: the construction and materials that form outside walls of the building, creating the security shell or "envelope." Options include, but are not limited to, materials such as precast panels, cast-in-place concrete, CMU block, and brick. (A)

Interior walls: the construction materials that form inside walls or partitions that divide cells and rooms within the building. Options may include, but are not limited to, materials such as precast panels, cast-in-place concrete, CMU block, and brick. (A)

Exterior surface or facade: the exterior finish, resulting in the completed outside appearance (sometimes called the building's "skin"). Examples include, but are not limited to, stucco, brick, natural wall, textured, colored concrete, and CMU block. (A)

Electronic technology systems: the type, if applicable, of electronic technology system(s) installed in the facility. Options include lighting protection, video camera surveillance and closed-circuit television, staff intercommunica-

tion (radio and telephone), inmate intercoms, paging and sound systems, duress and fire alarms, door control and monitoring systems, card access, custom control panels, perimeter detection/alarm, and satellite and cable. (A)

Dimensions

Total GSF: 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. This figure is computed by adding the total gross square footage for corrections, law enforcement, courts, and other. 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 center line of walls separating buildings. Covered walkways, open roofs over paved areas, porches, and similar spaces 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, steps, chimneys, and roof overhangs. (A)

Total NSF: the total net square footage of the construction project. If the project was an addition or expansion, this represents the net square footage of that addition or expansion only. This figure is calculated by adding corrections, law enforcement, courts, and other net square footage. (A)

Corrections GSF: the gross square feet (as defined under Total GSF above) of all spaces relating to corrections 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. (A)

Corrections NSF: the net square footage of all spaces relating to corrections in the construction project. In the case of an addition or expansion, this figure represents the square footage of that addition or expansion only. (A)

Housing area GSF: the size of spaces related directly to the custody and housing of inmates, not the entire facility. The figure includes total gross square footage of the housing building, unit, or level, including the contiguous and associated spaces for mechanical, circulation, storage, visiting, control, staff areas, multipurpose rooms, day-rooms, exercise, interviews, and so forth. 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 expansion or addition construction projects, the square footage shown for housing may be almost equal to the total square footage, since support spaces may not be provided. (A)

Housing area NSF: the total net square footage of the housing building, unit, or level. (A)

GSF per inmate (design): the gross square footage assigned to an inmate based on design capacity. This figure is computed by dividing the total number of inmates (design capacity) into the total corrections gross square footage. (C)

GSF per inmate (current): the gross square footage assigned to an inmate based on the current population. This figure is computed by dividing the current population into the total corrections gross square footage. (C)

NSF per inmate (design): the net square footage assigned to an inmate based on design capacity. This figure is computed by dividing the total number of inmates (design capacity) into the total corrections net square footage. (C)

NSF per inmate (current): the net square footage assigned to an inmate based on the current population. This figure is computed by dividing the current population into the total corrections net square footage. (C)

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, dorm) is indicated. (A)

Net/gross square feet: this percentage is an expression of building efficiency. Because spaces not used by staff or inmates are excluded from net space, this percentage represents how much of the total square footage is actually devoted to everyday use purposes. The remaining space is the amount consumed by spaces necessary for the building but not used by its occupants. This percentage is calculated by dividing the total gross square footage into the total net square footage, multiplied by 100. (C)

Inmate design capacity

General population: the number of inmates for general population housing based on facility design. (A)

Special population: the number of inmates for special housing based on facility design (i.e., holding, medical and detoxification, psychiatric, isolation, protective custody, work release). (A)

Total design (inmates): the total number of inmates (general population and special housing) for whom the project was designed. (A)

Current population: the total current population of the project as reported by the facility official and the date of the calculation. (A)

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 modular/pod, where cells are arranged around a common dayroom with cell doors opening into this activity area. (Figure 2) (A)

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. If dorms only, one dorm equals one unit. (A)

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

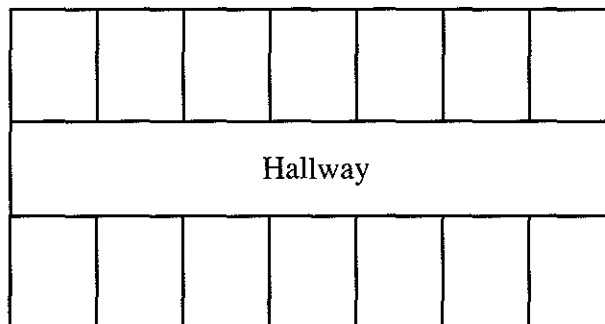
Inmates per unit (current): the number of inmates currently housed in a typical block, pod, module, or dorm. This number and the current population are given for the same date. (F)

Management type (design): the type of surveillance used for a typical housing unit per project design. Options include intermittent surveillance, where officers may periodically walk 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 are not enclosed in a workstation or separated by other barriers. (A)

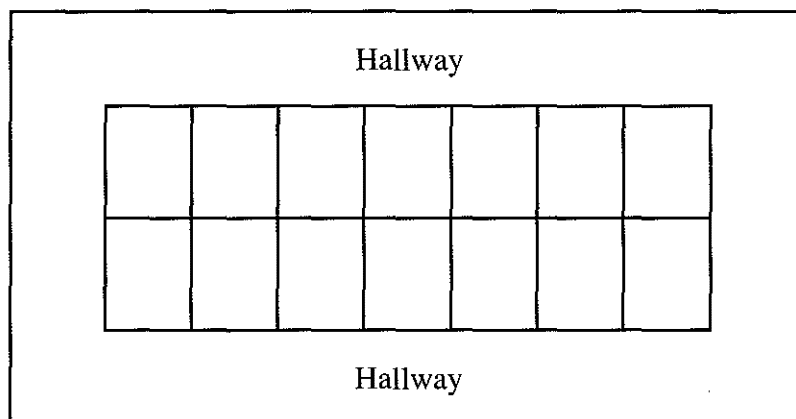
Management type (current): the type of surveillance currently used for a typical housing unit. Options include intermittent surveillance, where officers may periodically walk down hallways lined with cells and do not have constant view of all inmate areas; remote surveillance, where officers have inmates 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 are not enclosed in a workstation or separated by other barriers. (F)

Figure 2
Design of inmate housing areas

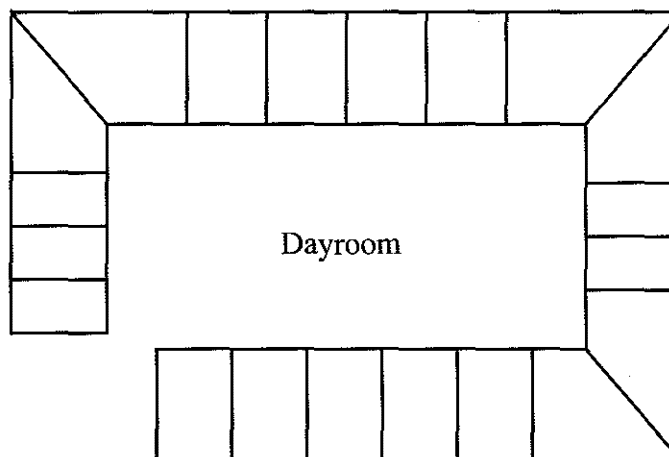
Linear, cells are on outside walls



Linear, cells are inside



Module/pod type, cells are on outside walls



Means to handle crowding: the means by which the facility handles, or plans to handle, an inmate population greater than the designed capacity. Options include, but are not limited to, transfer to another facility, bunk beds in cell, mattresses on floor, beds in dayroom, and second bunk permanently attached to wall. (F)

Total officers per unit: the number of officers assigned to an average housing unit by shift designations of day, evening, and midnight. (F)

Construction process

Contract method: the legal and financial steps used in the building process. Options include, but are not limited to, conventional design-bid-build, turnkey design-build, multiple bid packages, and fast track. (A)

Finance method: the method of payment and the source of funds for the construction project. Options include State or local general obligation bonds, lease-purchase, State or local tax levy, fixed or variable financing rate, other Federal funds, rent, private-sector funds, and shared cost from multiple jurisdictions. (A)

Use of inmate labor: use of inmate labor in the construction of the new facility, addition, or expansion. If applicable, a brief explanation of the way in which inmate labor was used and whether the percentage of inmate labor used was extensive (greater than 50 percent), moderate (greater than 25 percent but less than 50 percent), or limited (less than 25 percent). (A)

Use of prefabrication: techniques that may have been used to manufacture portions of the facility away from the construction site. If applicable, the nature of the components is described and whether use of plant manufacturing was extensive (greater than 50 percent), moderate (greater than 25 percent but less than 50 percent), or limited (less than 25 percent). (A)

Inmate cells

The finishes, fixtures, and furnishings selected for general population cells. These aspects may be different for special custody, isolation, medical, and other special population areas of a jail or prison. (A)

Doors: the type, material, and locking mechanisms. Type may be swinging or sliding. Material may be steel or wood. Locking may be motor driven and remote locking, remote locking only, or manual locking.

Floor surface: materials of the floor surface. Options include, but are not limited to, materials such as linoleum, carpet, epoxy coating, sealed concrete, and vinyl tile.

Intercom: the type of communications system between officers and inmates. Options include, but are not limited to, 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, options include but are not limited to, stainless steel, china, or aluminum. Indicates whether the lavatory and toilet are a combination unit or separate units.

Furniture: chairs, beds, tables, and other furniture in cells and dayrooms. Choices include, but are not limited to, materials such as steel, wood, vinyl, plastic, and concrete.

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

Windows: styles of windows. Choices include, but are not limited to, slit windows, security screens, special security windows, and standard windows and bars.

Security

Perimeter: the type(s) of perimeter security used in the facility. Options include, but are not limited to, single, double, or triple fence; razor wire on/between fence(s); towers; video camera surveillance; building exterior only; perimeter patrols; and perimeter detection and alarm systems. (A)

Costs included: indicates that the costs for the perimeter security are included in the total construction cost. (A)

Costs excluded: indicates that the costs for the perimeter security are excluded from the total construction cost. (A)

Inmate security level: the percentage of inmate cells in maximum, medium, minimum, and other security levels. (A)

Maximum: most secure construction and the highest level of staff supervision in the system. (A)

Medium: although not as restrictive as maximum, has a locked unit and secure perimeter. (A)

Minimum: the least restrictive, allows the greatest movement for inmates. There may be dormitories; living areas may not be locked; and perimeter security is limited or not present. (A)

Other: a percentage and brief explanation, if applicable. (A)

The Federal Bureau of Prisons identifies and ranks all Federal facilities into five security levels: minimum, low, maximum, high, and administrative.

Current staff

Administration: includes wardens, superintendents, directors, administrators, colonels, captains, majors, and managerial and budget staff. Also includes support and administrative staff, secretaries, typists, stenographers, bookkeepers, clerks, and switchboard operators. (F)

Security: the current number of full-time line staff and first line supervisors, both sworn and unsworn; correctional officers; deputies; sergeants; lieutenants; and security supervisors assigned to the new facility, addition, or expansion. (F)

Programs and treatment: the current number of recreation, education, religious, vocational, industrial, classification, and other program personnel assigned to the new facility, addition, or expansion. (F)

Maintenance: the current number of full-time engineers, electricians, plumbers, janitors, repair people, groundskeepers, food service workers, commissaries, and other maintenance/support personnel for the new facility, expansion, or addition. (F)

Total: the total number of current full-time staff members assigned to the new facility, addition, or expansion as reported by the facility administration. This figure is computed by adding current administration, security, maintenance, program, and treatment staff. (F)

Current inmate/staff ratio: the number of inmates per total staff based on the current population. This figure/ratio is computed by dividing the current total number of staff into the current population. Total staff includes administrative, security, maintenance and support, program, and treatment staff. (C)

Contracted services: the contracting of facility services to private vendors. Possibilities include, but are not limited to, medical, food, and transportation services. (F)

Architect's reported analysis

Architects have reported positive and negative factors which, in their opinion, strongly influenced both costs and length of time that were required for completion of the facility. (A)

Positive cost factors: factors that positively affected the cost of the project. Options include, but are not limited to, prefabricated and factory-assembled components; simple construction methods, including repetitiveness of design, phased construction; good competition and a favorable market; and less expensive materials and hardware.

Negative cost factors: factors that negatively affected the cost of the project. Options include, but are not limited to, slow construction; high labor costs; difficult site conditions; government procedures and regulations; and complex electronic, mechanical, and electrical systems.

Positive time factors: factors that positively affected the time schedule. Options include, but are not limited to, use of prefabricated, factory-assembled components; simple construction methods, including repetitiveness of design, phased construction; advanced order of materials and hardware; and coordination of design between the construction manager and the owner.

Negative time factors: factors that negatively affected the time schedule. Options include, but are not limited to, slow responses and delivery problems from vendors and suppliers; labor problems; weather problems; government procedures and regulations; and complex electronic, mechanical, and electrical systems.

Construction Cost Indexes

Facilities appearing in the NIJ *National Directory of Corrections Construction* show the date and cost of construction at a particular location, and you can use the following table of Cost Indexes to estimate what it would cost to construct that facility in your geographic region. Likewise, you may have an NIJ Construction Information Exchange Facility Data Base Search printout that shows the date and cost of construction for a jail or prison that you would like to consider for your own jurisdiction. You can use these indexes to make reasonably estimated comparisons. These comparisons should not be substituted, however, for detailed budget estimates, which include appropriate contingencies and consider your specific site and program.

The Cost Indexes are based on a 69-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 North Dakota.

The two main uses of the Cost Indexes involve the estimation and comparison of costs for:

1. Construction in different regions for different years (examples 1 and 2).
2. Construction in a particular region for different years (example 3).

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

Example 1

You are interested in adapting the Denver Reception and Diagnostic Center (DRDC), constructed in 1991 in Denver, Colorado, for construction in your own region. The total construction cost for the DRDC in 1991 was \$36,000,000. Your new facility is to be built in Charlotte, North Carolina.

Procedure

(a) Divide the 1992 Charlotte index factor by the 1991 Denver index factor.

(b) Multiply the DRDC known cost (\$36,000,000) by the result of (a).

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

Calculation

$$1992 \text{ Charlotte index factor} = 140.3$$

$$1991 \text{ Denver index factor} = 159.2$$

$$\frac{140.3}{159.2} \times \$36,000,000 = \$31,726,130$$

Example 1 formula:
$$\frac{(1992 \text{ Charlotte index factor})}{(1991 \text{ Denver index factor})} \times \text{DRDC known cost} = \text{estimated cost for Charlotte}$$

Example 2

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 1992 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

1992 Billings index factor = 162.4

1984 Louisville index factor = 130.4

$$\frac{162.4}{130.4} \times \$666,000 = \$829,436$$

Example 2 formula: $\frac{(1992 \text{ Billings index factor})}{(1984 \text{ Louisville index factor})} \times \text{Knox County Jail known cost} = \text{estimated cost for Billings}$

Example 3

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 1992 Birmingham index factor by the 1979 Birmingham (closest city 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

1992 Birmingham index factor = 144.9

1979 Birmingham index factor = 94.3

$$\frac{144.9}{94.3} \times \$10,069,300 = \$15,472,338$$

Example 3 formula: $\frac{(1992 \text{ Birmingham index factor})}{(1979 \text{ Birmingham index factor})} \times \text{Federal Correctional Institution known cost} = \text{estimated cost for Birmingham}$

The National Institute of Justice is grateful to CRSS Constructors, Inc., located at Suite 600, 1530 Wilson Boulevard, Arlington, VA 22209, 703-528-1300; Suite 1700, 216 16th Street Mall, Denver, CO 80202, 303-820-5200; and 243 Vallejo Street, San Francisco, CA 94111, 415-693-9140, 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.

CONSTRUCTION

	1978	1979	1980	1981	1982	1983	1984
Alabama							
Birmingham	86.5	94.3	103.5	110.3	115.5	120.2	125.6
Alaska							
Anchorage	121.2	131.5	144.8	159.4	172.9	182.7	187.9
Arizona							
Phoenix	95.7	105.0	116.7	126.7	134.2	139.1	140.7
Arkansas							
Little Rock	86.2	92.1	101.6	110.6	117.1	120.6	126.5
California							
Fresno	106.8	117.3	128.9	140.6	150.3	160.5	163.5
Los Angeles	111.3	122.1	133.7	146.7	156.1	163.8	169.2
San Diego	108.3	119.5	130.1	142.0	152.5	158.0	161.5
San Francisco	117.7	128.2	142.5	155.8	168.3	178.8	184.4
Colorado							
Denver	96.0	105.3	115.8	122.5	132.7	140.4	148.4
Connecticut							
Hartford	94.6	101.4	111.2	118.7	127.8	136.3	144.3
Delaware							
Wilmington	98.2	105.4	115.8	125.3	135.1	142.9	148.4
District of Columbia							
Columbia	95.9	102.6	113.8	122.5	130.1	138.2	141.6
Florida							
Jacksonville	85.7	93.5	102.4	108.6	115.8	121.0	127.6
Miami	88.3	95.7	103.5	112.9	121.9	126.6	129.0
Tampa	86.9	94.6	103.4	112.7	118.6	125.9	129.8
Georgia							
Atlanta	87.7	95.0	103.6	111.1	118.8	125.6	127.9
Hawaii							
Honolulu	114.8	124.6	137.1	151.0	163.8	173.1	178.0
Idaho							
Boise	91.7	100.4	110.4	121.5	131.9	137.1	140.4
Illinois							
Chicago	102.3	110.9	122.0	131.9	139.7	146.6	152.1
Peoria	92.3	100.0	109.5	120.0	128.7	135.2	139.3
Indiana							
Indianapolis	98.5	107.1	116.7	125.6	133.7	138.1	144.6
Iowa							
Des Moines	90.7	97.9	108.9	114.7	122.1	126.0	130.5
Kansas							
Wichita	89.4	95.8	104.2	112.9	119.4	123.1	130.8

COST INDEXES

1985	1986	1987	1988	1989	1990	1991	1992
128.1	128.5	130.8	136.6	139.4	140.1	142.9	144.9
190.3	195.2	202.2	205.7	210.2	214.7	221.0	223.8
145.2	143.9	147.1	157.2	160.7	163.7	169.2	172.1
127.1	127.3	128.4	137.9	140.9	144.1	147.5	149.0
164.3	167.1	171.7	179.6	183.5	187.5	193.0	195.5
174.6	176.1	180.8	184.3	187.8	190.3	198.1	202.1
167.3	168.6	174.4	179.7	183.7	187.1	193.2	196.7
186.6	192.1	198.8	201.3	205.0	208.9	215.8	218.2
144.2	144.0	149.0	154.6	152.9	155.0	159.2	161.8
150.0	155.5	160.3	161.3	165.6	169.6	173.3	175.9
151.2	155.4	162.2	165.3	169.8	174.2	178.7	182.5
143.7	148.5	153.0	155.6	159.0	162.9	168.5	169.2
128.9	131.8	134.7	138.9	142.1	144.2	147.5	149.6
132.5	133.9	137.9	143.2	146.4	149.7	153.3	155.7
133.2	136.2	140.8	143.1	146.2	149.5	153.1	155.5
130.3	133.3	137.8	140.6	143.2	146.4	149.4	152.0
180.2	184.9	191.6	194.8	199.1	203.3	209.3	212.0
141.3	143.6	147.5	152.6	156.6	160.1	163.2	167.5
155.3	156.4	162.5	169.4	173.4	177.3	181.5	187.1
141.5	143.3	149.1	154.1	157.9	161.5	165.5	169.3
145.5	149.0	152.0	158.1	161.8	165.2	169.3	171.7
132.7	135.4	137.8	147.9	150.4	153.8	156.8	159.6
127.4	129.1	133.2	141.4	144.4	147.7	151.3	152.8

CONSTRUCTION

	1978	1979	1980	1981	1982	1983	1984
Kentucky							
Louisville	91.0	99.0	106.9	114.4	120.4	123.3	130.4
Louisiana							
New Orleans	89.2	96.6	106.4	113.8	121.6	127.8	134.2
Maine							
Portland	86.1	92.5	101.0	110.6	120.9	127.6	131.8
Maryland							
Baltimore	95.5	102.5	112.5	122.9	129.2	136.6	141.3
Massachusetts							
Boston	107.7	114.1	125.0	132.4	145.9	154.5	163.7
Michigan							
Detroit	105.5	114.8	125.5	136.2	145.8	150.6	155.7
Grand Rapids	86.0	93.2	101.7	111.8	120.6	125.6	129.2
Minnesota							
Minneapolis	98.3	107.6	117.6	124.7	134.7	140.3	149.3
Mississippi							
Jackson	80.1	88.7	98.8	105.5	111.0	115.9	120.2
Missouri							
Kansas City	98.0	105.9	115.4	124.2	133.6	138.6	145.2
St. Louis	97.2	106.2	117.0	124.0	131.2	137.4	144.9
Montana							
Billings	93.8	101.4	110.7	118.8	128.1	135.5	142.2
Nebraska							
Omaha	90.2	99.8	107.4	114.6	123.0	128.3	132.9
Nevada							
Las Vegas	102.0	112.1	124.2	137.0	143.6	151.6	155.0
New Hampshire							
Nashua	87.0	93.4	102.0	111.7	122.2	128.9	133.2
New Jersey							
Newark	104.7	112.2	122.9	131.6	141.7	149.6	159.5
New Mexico							
Albuquerque	93.9	101.5	113.8	123.3	132.7	137.0	142.9
New York							
Buffalo	103.6	111.5	121.9	132.6	141.8	151.3	156.4
New York	117.7	124.5	136.3	147.8	160.2	170.4	180.5
Rochester	100.7	108.3	118.1	129.6	141.6	147.7	153.1
North Carolina							
Charlotte	79.4	86.8	93.5	101.9	106.9	113.7	116.9

COST INDEXES

1985	1986	1987	1988	1989	1990	1991	1992
131.4	132.9	136.9	146.8	149.2	152.7	155.6	158.4
136.1	136.3	139.2	143.3	142.8	145.2	147.6	150.1
133.6	136.5	141.5	145.8	149.7	153.2	156.8	159.2
143.1	147.7	153.2	153.0	155.8	159.7	166.5	165.6
169.3	176.2	183.2	186.1	191.4	196.1	199.3	202.6
157.0	160.1	165.8	172.1	177.1	180.9	185.3	189.1
130.3	132.9	137.9	142.3	146.2	149.5	153.2	155.9
149.0	153.5	157.9	160.7	164.2	167.8	171.7	174.6
122.3	122.3	123.8	131.6	134.6	136.6	139.7	141.7
145.0	147.4	152.6	156.5	159.4	162.9	166.4	167.4
149.1	153.3	158.5	164.0	165.3	169.0	171.0	174.6
137.8	142.3	145.7	151.7	152.8	155.8	159.9	162.4
130.2	133.4	137.8	145.8	149.2	152.6	156.4	158.8
156.5	157.5	162.3	171.3	175.0	178.8	184.0	186.4
134.9	137.9	143.0	147.3	151.2	154.8	158.4	160.8
167.5	173.8	180.7	180.1	185.5	191.2	196.8	200.8
142.6	143.6	145.5	151.5	153.5	157.3	159.4	163.7
159.8	167.6	172.8	173.4	176.9	178.9	184.5	186.5
188.8	196.1	206.1	207.7	215.0	223.4	230.4	236.7
155.4	162.4	167.3	169.1	172.5	174.5	179.9	181.8
119.1	121.0	126.6	129.1	131.9	135.0	138.1	140.3

CONSTRUCTION							
	1978	1979	1980	1981	1982	1983	1984
Ohio							
Cincinnati	98.5	107.8	117.6	125.5	133.7	138.0	145.1
Cleveland	103.8	113.5	124.7	134.3	144.8	149.9	157.2
Columbus	97.0	106.7	116.4	127.2	136.2	141.9	145.9
Oklahoma							
Oklahoma City	88.5	96.5	105.7	116.9	125.7	129.4	132.3
Oregon							
Portland	99.8	110.5	120.2	132.1	140.6	145.3	148.0
Pennsylvania							
Erie	95.3	103.0	112.8	123.5	131.6	138.5	143.6
Philadelphia	104.1	111.2	123.4	130.2	139.5	148.1	155.8
Pittsburgh	101.1	109.4	120.4	129.8	135.8	142.9	150.1
Rhode Island							
Providence	96.4	103.6	113.0	123.9	135.4	142.9	147.6
South Carolina							
Charleston	78.0	84.3	91.6	101.3	110.0	116.2	118.1
South Dakota							
Sioux Falls	79.7	86.6	94.5	102.7	111.2	116.4	121.5
Tennessee							
Memphis	87.1	93.9	105.5	111.2	118.4	123.8	128.8
Nashville	84.8	93.6	102.3	110.2	116.5	120.0	125.0
Texas							
Dallas	87.8	95.9	106.7	115.3	123.8	130.3	136.2
El Paso	81.7	90.1	98.7	107.1	115.2	120.3	123.4
Houston	91.7	101.5	110.4	122.4	129.5	136.4	141.1
San Antonio	84.9	93.6	102.4	112.2	120.2	124.6	127.8
Utah							
Salt Lake City	94.1	101.4	111.1	117.8	125.5	132.4	140.9
Vermont							
Burlington	84.7	90.9	99.2	108.8	118.9	125.5	129.6
Virginia							
Richmond	87.1	93.6	102.1	112.4	117.6	125.1	127.5
Washington							
Seattle	101.4	112.9	124.5	135.8	146.8	151.4	155.0
Spokane	99.6	109.8	119.9	131.9	139.7	146.2	150.4
West Virginia							
Charleston	98.3	106.2	116.3	127.4	135.8	142.9	148.2
Wisconsin							
Milwaukee	99.9	108.2	117.3	128.3	135.5	140.7	146.0
Wyoming							
Cheyenne	87.6	95.5	104.7	113.7	123.3	130.0	134.9

COST INDEXES

1985	1986	1987	1988	1989	1990	1991	1992
145.0	146.2	150.6	155.5	158.9	161.9	165.6	167.9
158.4	163.8	168.6	174.1	176.7	176.6	182.9	184.1
145.1	149.1	152.7	158.8	162.5	166.0	170.1	172.5
134.6	132.3	132.9	142.0	143.9	147.5	149.4	153.5
149.1	150.9	153.5	163.2	167.5	171.2	174.6	179.1
146.2	149.0	153.6	156.3	159.3	163.8	167.4	169.8
160.1	165.6	173.1	175.9	181.1	186.1	190.8	196.1
154.1	157.1	160.4	162.0	164.3	169.5	172.6	175.0
149.6	152.8	158.5	163.3	167.6	171.6	175.6	178.2
119.1	121.3	126.3	129.4	132.4	135.5	138.8	140.9
122.0	125.0	129.3	132.0	135.1	138.2	141.7	143.9
130.9	132.9	135.4	144.1	146.6	149.9	152.8	155.5
127.3	127.7	130.1	137.6	140.8	142.8	146.1	148.2
135.6	133.0	134.8	134.8	138.4	142.1	142.1	147.8
122.8	121.9	126.3	131.6	133.4	136.7	138.5	142.3
138.3	136.5	136.4	147.9	149.9	153.6	155.6	159.9
128.1	128.2	130.3	137.0	138.8	142.2	144.1	148.0
136.3	140.9	143.6	150.3	151.5	154.4	158.5	161.0
131.3	134.2	139.1	143.4	147.1	150.6	154.2	156.5
129.6	133.6	136.5	140.7	143.7	147.3	152.3	153.0
155.5	157.7	160.2	166.7	171.2	174.8	176.8	183.8
152.3	154.6	158.2	164.4	168.7	172.5	175.9	180.4
150.8	153.7	158.4	161.2	164.3	168.9	172.7	175.2
147.7	150.4	156.0	163.1	167.1	170.9	175.2	179.1
134.1	135.0	139.9	144.6	145.8	148.6	152.6	154.9



Section 2

Index: State/county/city

Index: Inmate design capacity

Index: Category of construction

Index: Facility name

State	County/city	Facility type	Facility name	Page
AR	Grady	State prison	Varner Unit	36
CA	Alameda	City complex	Alameda City Police Department and Jail	38
CA	Alameda County	County jail	Alameda County Jail	40
CA	Butte County	County jail	Butte County Minimum Security Facility	42
CA	Dublin	Federal detention/jail	Federal Detention Center—Dublin	46
CA	Kern County	County jail	Lerdo Pre-Trial	48
CA	Live Oak	State prison (privately operated)	ECI: Leo Chesney Women's Center	44
CA	Los Angeles	Federal detention/jail	Metropolitan Detention Center—Los Angeles	50
CA	San Bernardino County	County jail	West Valley Detention Center	60
CA	San Diego	Regional jail (military)	Naval Consolidated Brig Miramar	52
CA	San Mateo County	County and city jail	South County Detention Facility	56
CA	Santa Clara County	County complex	Santa Clara County Main Jail	54
CA	Stanislaus County	County jail	Stanislaus County Public Safety Center	58
CO	Alamosa County	County complex	Alamosa County Detention Center	62
CO	Arapahoe County	County complex	Arapahoe County Justice Center	64
CO	Boulder County	County jail	Boulder County Jail	66
CO	Denver	State prison	Denver Reception and Diagnostic Center	68
CO	Huerfano County	County complex	Huerfano County Law Enforcement Center	70
CO	Mesa County	County complex	Mesa County Detention Facility	72
CO	Pueblo County	County jail	Pueblo County Detention Facility—Work Release	74
CO	Saguache	County jail	Saguache County Jail	76
CT	Sandy Hook	State prison	Gamer Correctional Institution	80
CT	Somers	State prison	Alexander Cybulski Correctional Institution	78
DE	Wilmington	State prison	Multi-Purpose Criminal Justice Facility	82
FL	Brevard County	County jail	Brevard County Detention Center	84
FL	Dade County	County jail	Metro West Detention Center	96
FL	Duval County	County jail	James I. Montgomery Correctional Center	90
FL	Duval County	County and city complex	John E. Goode Pre-Trial Detention Facility	92
FL	Hillsborough County	County jail	Hillsborough County Orient Road Jail	88
FL	Indiantown	State prison	Martin Correctional Institution	94
FL	Orange County	County jail	Genesis Unit 200 Bed Correctional Facility	86
FL	Palm Beach County	County jail	Palm Beach County Stockade	98
FL	Pinellas County	County jail	Pinellas County Jail	100
GA	Atlanta	Federal prison	U.S. Federal Penitentiary—Atlanta	142
GA	Blairsville	State prison	Northeast Probation Detention Center	126
GA	Buford	State prison	Phillips Correctional Institute—Boot Camp	130
GA	Butler	State prison	Western Probation Detention Center	152
GA	Cadwell	State prison	Central Probation Detention Center	104
GA	Cedartown	State prison	Northwest Probation Detention Center	128
GA	Claxton	State prison	Southeast Probation Detention Center	136
GA	Claxton	State prison	Women's Probation Detention Center	154
GA	Clayton County	County jail	Clayton County Correctional Institution	106
GA	Conyers	State prison	Rockdale-Dekalb Probation Detention Center	132
GA	Davisboro	State prison	Washington Correctional Institution—Boot Camp	146
GA	Davisboro	State prison	Washington Correctional Institution	148
GA	Garden City	State prison	Coastal Correctional Institution	108
GA	Glynn County	County jail	Glynn County Detention Center	114
GA	Hardwick	State prison	Georgia Women's Correctional Institute	112
GA	Helena	State prison	Telfair Correctional Institute—Boot Camp	138
GA	Henry County	County jail	Henry County Jail	118

State	County/city	Facility type	Facility name	Page
GA	Homerville	State prison	Homerville Parole Center	120
GA	Jackson	State prison	Georgia Diagnostic and Classification Center	110
GA	Jefferson	State prison	I.W. Davis Probation Detention Center	122
GA	Lowndes County	County jail	Lowndes County Jail	124
GA	Macon	State prison	Central Correctional Institute	102
GA	Reidsville	State prison	Rogers Correctional Institute	134
GA	Soperton	State prison	Treutlen Shock Unit	140
GA	Trion	State prison	Hays Correctional Institute—Boot Camp	116
GA	Waycross	State prison	Ware Correctional Institute	144
GA	Zebulon	State prison	West Central Probation Detention Center	150
IL	Canton	State prison	Illinois River Correctional Center	160
IL	Danville	State prison	Danville Correctional Center	156
IL	Galesburg	State prison	Hill Correctional Center	158
IL	Lake County	County complex	Robert H. Babcox Justice Center	164
IL	McHenry County	County complex	McHenry County Government Center	162
IL	Mt. Sterling	State prison	Western Illinois Correctional Center	170
IL	Robinson	State prison	Robinson Correctional Center	166
IL	Taylorville	State prison	Taylorville Correctional Center	168
IL	Will County	County jail	Will County Adult Detention Facility	172
IN	Boone County	County jail	Boone County Jail	174
IN	Gibson County	County jail	Gibson County Jail	176
IN	Kosciusko County	County jail	Kosciusko County Work Release	178
IN	Tiptecanoe County	County complex	Tiptecanoe County Law Enforcement Center	180
KS	El Dorado	State prison	El Dorado Correctional Facility	182
KS	Johnson County	County jail	Johnson County Jail	184
KS	Lake County	County jail	Sedgwick County Adult Local Detention Facility	190
KS	Lansing	State prison	Lansing Correctional Facility—East	186
KS	Larned	State prison	Larned Correctional Mental Health Facility	188
KS	Sedgwick County	County jail	Sedgwick County Work Release	192
KS	Shawnee County	County jail	Shawnee County Adult Detention Facility	194
KS	Stanton County	County complex	Stanton County Law Enforcement Center	196
KS	Wyandotte County	County complex	Wyandotte County Detention Center	198
KY	Carroll County	Regional jail	Carroll County Regional Detention Center	200
KY	West Liberty	State prison	Eastern Kentucky Correctional Complex	202
LA	Oakdale	Federal prison	Federal Correctional Institution—Oakdale I	204
LA	Oakdale	Federal detention/jail	Federal Detention Center—Oakdale II	206
LA	Orleans Parish	County and city jail	Orleans Parish Prison	208
LA	Orleans Parish	County and city jail	Tulane Avenue Facility	212
LA	St. Bernard Parish	County jail	St. Bernard Jail Complex	210
MA	Norfolk County	County jail	Norfolk County Sheriff's Office and Correctional Center	228
MD	Baltimore	State prison	Baltimore Pre-Release Unit for Women	216
MD	Jessup	State prison	Jessup Pre-Release Unit	220
MD	Jessup	State prison	Patuxent Institution	226
MD	Sykesville	State prison	Central Laundry Facility	218
MD	Montgomery County	County jail	Montgomery County Detention Center	222
MD	Montgomery County	County jail	Montgomery County Detention Center	224
ME	Androscoggin County	County jail	Androscoggin County Jail	214
MI	Ionia	State prison	Ionia Maximum Correctional Facility	230
MI	Macomb County	County jail	Macomb County Jail	232
MI	Wayne County	County jail	Sergeant William Dickerson Detention Facility	234

State	County/city	Facility type	Facility name	Page
MN	Hennepin County	County jail	Hennepin County Adult Detention Center	236
MN	Shakopee	State prison	Minnesota Correctional Facility—Shakopee	238
MN	Sherburne County	County complex	Sherburne County Jail	240
MO	Boone county	County complex	Boone County Jail	244
MO	Cameron	State prison	Western Missouri Correctional Center	250
MO	Fulton	State prison	Fulton Reception and Diagnostic Center	246
MO	Marion County	County complex	Marion County Jail and Law Enforcement Center	248
MS	Harrison County	County jail	Harrison County Jail	242
NC	Duplin County	County jail	Duplin County Jail	268
NC	Durham County	County jail	Durham County Jail Annex	270
NC	Wake County	County complex	Wake County Public Safety Center	272
NJ	Cumberland	Federal prison	Federal Correctional Institution—Fairton	256
NJ	Cumberland County	County jail	Cumberland County Jail	254
NJ	Monmouth County	County jail	Monmouth County Correction Institution	258
NV	Ely	State prison	Ely State Prison	252
NY	Cattaraugus County	County jail	Cattaraugus County Jail	260
NY	Genesee County	County complex	Genesee County Jail	262
NY	Jefferson County	County complex	Metro Jefferson Public Safety Building	264
NY	Saratoga County	County complex	Saratoga County Law Enforcement Center	266
OH	Grafton	State prison	Grafton Correctional Institution	274
OH	Grafton	State prison	Lorain Correctional Institution	276
OH	Lebanon	State prison	Warren Correctional Institution	280
OH	William County	Regional jail	Northwest Ohio Regional Jail	278
OR	Marion County	County complex	Marion County Corrections Facility	284
OR	Sheridan	Federal prison	Federal Correctional Institution—Sheridan	282
PA	Bradford	Federal prison	Federal Correctional Institution—McKean	288
PA	Bucks County	County jail	Bucks County Rehabilitation Center	286
PA	Minersville	Federal prison	Federal Correctional Institution—Schuylkill	290
PA	Philadelphia	City jail	Philadelphia Industrial Correctional Center	292
PA	Waymart	State prison	State Correctional Institution at Waymart	294
PA	York County	County jail	York County Prison	296
TX	Bee County	County complex	Bee County Jail	298
TX	Caldwell County	County complex	Caldwell County Jail	300
TX	Dallas County	County jail	Lew Sterrett Justice Center	306
TX	Frio County	County complex	Frio County Jail	304
TX	Nacogdoches County	County complex	Nacogdoches County Law Enforcement Center	308
TX	Rusk County	County complex	Rusk County Sheriff's Department	310
TX	Three Rivers	Federal prison	Federal Correctional Institution—Three Rivers	302
UT	Salt Lake County	County jail	Oxbow Jail Facility	312
VA	Frederick County	Regional jail	Clarke-Frederick-Winchester Regional Adult Detention Center	314
VA	Greensville	State prison	Greensville Correctional Center	316
VA	Lorton	State prison	Lorton Maximum Security Facility	320
VA	Oakwood	State prison	Keen Mountain Correctional Center	318
WA	Clallam Bay	State prison	Clallam Bay Correctional Center	322
WI	Milwaukee County	County complex	Milwaukee County Jail and Criminal Justice Facility	326
WI	Portage	State prison	Columbia Correctional Institution	324
WI	Sturtevant	State prison	Racine Correctional Institution	328
WY	Sublette County	County jail	Sublette County Jail	330

Inmates	County/city facility name	State	Page
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12	Stanton County Law Enforcement Center	KS	196
22	Sublette County Jail	WY	330
26	Alameda City Police Department and Jail	CA	38
28	Pueblo County Detention Facility—Work Release	CO	74
39	Huerfano County Law Enforcement Center	CO	70
40	Duplin County Jail	NC	268
42	Kosciusko County Work Release	IN	178
45	Genesee County Jail	NY	262
48	Alamosa County Detention Center	CO	62
50	Sherburne County Jail	MN	240
62	Gibson County Jail	IN	176
80	Rusk County Sheriff's Department	TX	310
84	Carroll County Regional Detention Center	KY	200
90	Marion County Jail and Law Enforcement Center	MO	248
96	Butte County Minimum Security Facility	CA	42
99	Sedgwick County Work Release	KS	192
100	Cumberland County Jail	NJ	254
109	Hennepin County Adult Detention Center	MN	236
122	Androscoggin County Jail	ME	214
128	Bee County Jail	TX	298
131	Montgomery County Detention Center	MD	222
132	Cattaraugus County Jail	NY	260
148	Caldwell County Jail	TX	300
148	Nacogdoches County Law Enforcement Center	TX	308
160	South County Detention Facility	CA	56
162	Durham County Jail Annex	NC	270
168	Saratoga County Law Enforcement Center	NY	266
170	Frio County Jail	TX	304
170	Henry County Jail	GA	118
181	Metro Jefferson Public Safety Building	NY	264
185	Tippecanoe County Law Enforcement Center	IN	180
186	Boone County Jail	MO	244
192	Mesa County Detention Facility	CO	72
194	Boone County Jail	IN	174
199	McHenry County Government Center	IL	162
199	Shawnee County Adult Detention Facility	KS	194
200	Genesis Unit 200 Bed Correctional Facility	FL	86
252	Clayton County Correctional Institution	GA	106
256	Monmouth County Correction Institution	NJ	258
256	Marion County Corrections Facility	OR	284
272	Bucks County Rehabilitation Center	PA	286
274	Johnson County Jail	KS	184
286	Glynn County Detention Center	GA	114
289	Palm Beach County Stockade	FL	98
290	St. Bernard Jail Complex	LA	210
294	Stanislaus County Public Safety Center	CA	58
300	Clarke-Frederick-Winchester Regional Adult	VA	314
311	Boulder County Jail	CO	66
316	Will County Adult Detention Facility	IL	172

Inmates	County/city facility name	State	Page
328	Lowndes County Jail	GA	124
330	Montgomery County Detention Center	MD	224
368	Oxbow Jail Facility	UT	312
371	Wyandotte County Detention Center	KS	198
372	Tulane Avenue Facility	LA	212
392	Brevard County Detention Center	FL	84
394	Norfolk County Sheriff's Office and Correctional Center	MA	228
396	Pinellas County Jail	FL	100
425	Lew Sterrett Justice Center	TX	306
429	Harrison County Jail	MS	242
430	Sedgwick County Adult Local Detention Facility	KS	190
440	James I. Montgomery Correctional Center	FL	90
443	Naval Consolidated Brig Miramar	CA	52
480	Wake County Public Safety Center	NC	272
508	Northwest Ohio Regional Jail	OH	278
528	Orleans Parish Prison	LA	208
622	York County Prison	PA	296
650	Philadelphia Industrial Correctional Center	PA	292
698	Robert H. Babcox Correctional Center	IL	164
720	Santa Clara County Main Jail	CA	54
724	Arapahoe County Justice Center	CO	64
798	Milwaukee County Jail and Criminal Justice Facility	WI	326
886	Sergeant William Dickerson Detention Facility	MI	234
899	Macomb County Jail	MI	232
1,004	Metro West Detention Center	FL	96
1,104	Lerdo Pre-Trial	CA	48
1,504	Hillsborough County Orient Road Jail	FL	88
2,292	West Valley Detention Center	CA	60
2,297	John E. Goode Pre-Trial Detention Facility	FL	92
3,036	Alameda County Jail	CA	40

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106	Minnesota Correctional Facility—Shakopee	MN	238
120	ECl: Leo Chesney Women's Center	CA	44
128	Patuxent Institution	MD	226
150	Larned Correctional Mental Health Facility	KS	188
154	Central Probation Detention Center	GA	104
154	I.W. Davis Probation Detention Center	GA	122
154	Northeast Probation Detention Center	GA	126
154	Northwest Probation Detention Center	GA	128
154	Rockdale-Dekalb Probation Detention Center	GA	132
154	Southeast Probation Detention Center	GA	136
154	West Central Probation Detention Center	GA	150
154	Western Probation Detention Center	GA	152
154	Women's Probation Detention Center	GA	154
200	Central Correctional Institute	GA	102
200	Coastal Correctional Institution	GA	108
200	Georgia Diagnostic and Classification Center	GA	110
200	Georgia Women's Correctional Institute	GA	112

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200	Ware Correctional Institute	GA	144
200	Lansing Correctional Facility—East	KS	186
200	Lorton Maximum Security Facility	VA	320
224	Hays Correctional Institute—Boot Camp	GA	116
224	Homerville Parole Center	GA	120
224	Telfair Correctional Institute—Boot Camp	GA	138
224	Phillips Correctional Institute—Boot Camp	GA	130
224	Washington Correctional Institution—Boot Camp	GA	146
232	Treutlen Shock Unit	GA	140
256	Central Laundry Facility	MD	218
300	Alexander Cybulski Correctional Institution	CT	78
400	Clallam Bay Correctional Center	WA	322
420	Jessup Pre-Release Unit	MD	220
464	Denver Reception and Diagnostic Center	CO	68
480	Multi-Purpose Criminal Justice Facility	DE	82
511	Columbia Correctional Institution	WI	324
512	Fulton Reception and Diagnostic Center	MO	246
528	Grafton Correctional Institution	OH	274
596	Martin Correctional Institution	FL	94
614	Robinson Correctional Center	IL	166
614	Taylorville Correctional Center	IL	168
640	El Dorado Correctional Facility	KS	182
666	Ionia Maximum Correctional Facility	MI	230
680	Washington Correctional Institution	GA	148
696	Keen Mountain Correctional Center	VA	318
703	Racine Correctional Institution	WI	328
758	Western Illinois Correctional Center	IL	170
766	Garner Correctional Institution	CT	80
776	Warren Correctional Institution	OH	280
814	Illinois River Correctional Center	IL	160
926	Danville Correctional Center	IL	156
926	Hill Correctional Center	IL	158
1,008	Ely State Prison	NV	252
1,025	State Correctional Institution at Waymart	PA	294
1,219	Vamer Unit	AR	36
2,000	Western Missouri Correctional Center	MO	250
2,014	Lorain Correctional Institution	OH	276
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2,282	Greensville Correctional Center	VA	316

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725	Federal Correctional Institution—Oakdale I	LA	204
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1,040	Federal Correctional Institution—McKean	PA	288
1,066	Federal Correctional Institution—Three Rivers	TX	302
1,088	Federal Correctional Institution—Schuylkill	PA	290
1,316	Federal Correctional Institution—Sheridan	OR	282

Category	State	Facility name	Facility type	Page
New Construction	AR	Varner Unit	State prison	36
New Construction	CA	Alameda County Jail	County jail	40
New Construction	CA	Metropolitan Detention Center—Los Angeles	Federal detention/jail	50
New Construction	CA	Naval Consolidated Brig Miramar	Regional jail (military)	52
New Construction	CA	Santa Clara County Main Jail	County complex	54
New Construction	CA	Stanislaus County Public Safety Center	County jail	58
New Construction	CA	West Valley Detention Center	County jail	60
New Construction	CO	Alamosa County Detention Center	County complex	62
New Construction	CO	Arapahoe County Justice Center	County complex	64
New Construction	CO	Boulder County Jail	County jail	66
New Construction	CO	Denver Reception and Diagnostic Center	State prison	68
New Construction	CO	Huerfano County Law Enforcement Center	County complex	70
New Construction	CT	Alexander Cybulski Correctional Institution	State prison	78
New Construction	CT	Garner Correctional Institution	State prison	80
New Construction	FL	Brevard County Detention Center	County jail	84
New Construction	FL	Hillsborough County Orient Road Jail	County jail	88
New Construction	FL	James I. Montgomery Correctional Center	County jail	90
New Construction	FL	John E. Goode Pre-Trial Detention Facility	County and city complex	92
New Construction	FL	Martin Correctional Institution	State prison	94
New Construction	GA	Central Probation Detention Center	State prison	104
New Construction	GA	Clayton County Correctional Institution	County jail	106
New Construction	GA	Glynn County Detention Center	County jail	114
New Construction	GA	Henry County Jail	County jail	118
New Construction	GA	I.W. Davis Probation Detention Center	State prison	122
New Construction	GA	Northeast Probation Detention Center	State prison	126
New Construction	GA	Northwest Probation Detention Center	State prison	128
New Construction	GA	Rockdale-Dekalb Probation Detention Center	State prison	132
New Construction	GA	Southeast Probation Detention Center	State prison	136
New Construction	GA	Treutlen Shock Unit	State prison	140
New Construction	GA	West Central Probation Detention Center	State prison	150
New Construction	GA	Western Probation Detention Center	State prison	152
New Construction	GA	Women's Probation Detention Center	State prison	154
New Construction	IL	Danville Correctional Center	State prison	156
New Construction	IL	Hill Correctional Center	State prison	158
New Construction	IL	Illinois River Correctional Center	State prison	160
New Construction	IL	McHenry County Government Center	County complex	162
New Construction	IL	Robert H. Babcox Justice Center	County complex	164
New Construction	IL	Robinson Correctional Center	State prison	166
New Construction	IL	Taylorville Correctional Center	State prison	168
New Construction	IL	Western Illinois Correctional Center	State prison	170
New Construction	IL	Will County Adult Detention Facility	County jail	172
New Construction	IN	Boone County Jail	County jail	174
New Construction	IN	Tippecanoe County Law Enforcement Center	County complex	180
New Construction	KS	El Dorado Correctional Facility	State prison	182
New Construction	KS	Johnson County Jail	County jail	184
New Construction	KS	Lamed Correctional Mental Health Facility	State prison	188
New Construction	KS	Sedgwick County Adult Local Detention Facility	County jail	190
New Construction	KS	Shawnee County Adult Detention Facility	County jail	194
New Construction	KS	Wyandotte County Detention Center	County complex	198
New Construction	KY	Carroll County Regional Detention Center	Regional jail	200

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New Construction	LA	Federal Correctional Institution—Oakdale I	Federal prison	204
New Construction	LA	Federal Detention Center—Oakdale II	Federal detention/jail	206
New Construction	LA	St. Bernard Jail Complex	County jail	210
New Construction	MA	Norfolk County Sheriff's Office and Correctional Center	County jail	228
New Construction	MD	Baltimore Pre-Release Unit for Women	State prison	216
New Construction	MD	Jessup Pre-Release Unit	State prison	220
New Construction	ME	Androscoggin County Jail	County jail	214
New Construction	MI	Ionia Maximum Correctional Facility	State prison	230
New Construction	MI	Sergeant William Dickerson Detention Facility	County jail	234
New Construction	MN	Minnesota Correctional Facility—Shakopee	State prison	238
New Construction	MO	Boone County Jail	County complex	244
New Construction	MO	Fulton Reception and Diagnostic Center	State prison	246
New Construction	MO	Marion County Jail and Law Enforcement Center	County complex	248
New Construction	MO	Western Missouri Correctional Center	State prison	250
New Construction	MS	Harrison County Jail	County complex	242
New Construction	NC	Wake County Public Safety Center	County complex	272
New Construction	NJ	Federal Correctional Institution—Fairton	Federal prison	256
New Construction	NV	Ely State Prison	State prison	252
New Construction	NY	Metro Jefferson Public Safety Building	County complex	264
New Construction	OH	Grafton Correctional Institution	State prison	274
New Construction	OH	Lorain Correctional Institution	State prison	276
New Construction	OH	Northwest Ohio Regional Jail	Regional jail	278
New Construction	OH	Warren Correctional Institution	State prison	280
New Construction	OR	Federal Correctional Institution—Sheridan	Federal prison	282
New Construction	OR	Marion County Corrections Facility	County complex	284
New Construction	PA	Bucks County Rehabilitation Center	County jail	286
New Construction	PA	Federal Correctional Institution—McKean	Federal prison	288
New Construction	PA	Federal Correctional Institution—Schuylkill	Federal prison	290
New Construction	PA	Philadelphia Industrial Correctional Center	City jail	292
New Construction	TX	Bee County Jail	County complex	298
New Construction	TX	Caldwell County Jail	County complex	300
New Construction	TX	Federal Correctional Institution—Three Rivers	Federal prison	302
New Construction	TX	Frio County Jail	County complex	304
New Construction	TX	Nacogdoches County Law Enforcement Center	County complex	308
New Construction	TX	Rusk County Sheriff's Department	County complex	310
New Construction	UT	Oxbow Jail Facility	County jail	312
New Construction	VA	Clark-Frederick-Winchester Regional Adult Detention Center	Regional jail	314
New Construction	VA	Greensville Correctional Center	State prison	316
New Construction	VA	Keen Mountain Correctional Center	State prison	318
New Construction	WI	Columbia Correctional Institution	State prison	324
New Construction	WI	Racine Correctional Institution	State prison	328
New, ancillary building	CA	Butte County Minimum Security Facility	County jail	42
New, ancillary building	CA	ECI: Leo Chesney Women's Center	State prison (privately operated)	44
New, ancillary building	CA	Federal Detention Center—Dublin	Federal detention/jail	46
New, ancillary building	CA	South County Detention Facility	County and city jail	56
New, ancillary building	CO	Mesa County Detention Facility	County complex	72
New, ancillary building	FL	Genesis Unit 200 Bed Correctional Facility	County jail	86
New, ancillary building	FL	Metro West Detention Center	County jail	96

Category	State	Facility name	Facility type	Page
New, ancillary building	FL	Palm Beach County Stockade	County jail	98
New, ancillary building	GA	Central Correctional Institute	State prison	102
New, ancillary building	GA	Coastal Correctional Institution	State prison	108
New, ancillary building	GA	Georgia Diagnostic and Classification Center	State prison	110
New, ancillary building	GA	Georgia Women's Correctional Institute	State prison	112
New, ancillary building	GA	Hays Correctional Institute—Boot Camp	State prison	116
New, ancillary building	GA	Homerville Parole Center	State prison	120
New, ancillary building	GA	Phillips Correctional Institute—Boot Camp	State prison	130
New, ancillary building	GA	Rogers Correctional Institute	State prison	134
New, ancillary building	GA	Telfair Correctional Institute—Boot Camp	State prison	138
New, ancillary building	GA	Ware Correctional Institute	State prison	144
New, ancillary building	GA	Washington Correctional Institution—Boot Camp	State prison	146
New, ancillary building	GA	Washington Correctional Institution	State prison	148
New, ancillary building	IN	Gibson County Jail	County jail	176
New, ancillary building	KS	Lansing Correctional Facility—East	State prison	186
New, ancillary building	LA	Orleans Parish Prison	County and city jail	208
New, ancillary building	LA	Tulane Avenue Facility	County and city jail	212
New, ancillary building	MD	Central Laundry Facility	State prison	218
New, ancillary building	MD	Montgomery County Detention Center	County jail	222
New, ancillary building	MD	Patuxent Institution	State prison	226
New, ancillary building	NC	Duplin County Jail	County jail	268
New, ancillary building	PA	York County Prison	County jail	296
New, ancillary building	VA	Lorton Maximum Security Facility	State prison	320
New, ancillary building	WA	Clallam Bay Correctional Center	State prison	322
New, ancillary building	WI	Milwaukee County Jail and Criminal Justice Facility	County complex	326
Remodel/renovation	CA	Lerdo Pre-Trial	County jail	48
Remodel/renovation	CO	Saguache County Jail	County jail	76
Remodel/renovation	DE	Multi-Purpose Criminal Justice Facility	State prison	82
Remodel/renovation	GA	U.S. Federal Penitentiary—Atlanta	Federal prison	142
Remodel/renovation	IN	Gibson County Jail	County jail	176
Remodel/renovation	IN	Kosciusko County Work Release	County jail	178
Remodel/renovation	KS	Sedgwick County Work Release	County jail	192
Remodel/renovation	KS	Stanton County Law Enforcement Center	County complex	196
Remodel/renovation	MI	Macomb County Jail	County jail	232
Remodel/renovation	NJ	Monmouth County Correction Institution	County jail	258
Remodel/renovation	PA	State Correctional Institution at Waymart	State prison	294
Remodel/renovation	PA	York County Prison	County jail	296
Remodel/renovation	TX	Lew Sterrett Justice Center	County jail	306
Remodel/renovation	WI	Racine Correctional Institution	State prison	328
Expansion	AR	Vanner Unit	State prison	36
Expansion	CA	Alameda City Police Department and Jail	City complex	38
Expansion	CA	ECI: Leo Chesney Women's Center	State prison (privately operated)	44
Expansion	CO	Pueblo County Detention Facility—Work Release	County jail	74
Expansion	CO	Saguache County Jail	County jail	76
Expansion	DE	Multi-Purpose Criminal Justice Facility	State prison	82
Expansion	FL	Pinellas County Jail	County jail	100
Expansion	GA	Lowndes County Jail	County jail	124
Expansion	KS	Stanton County Law Enforcement Center	County complex	196
Expansion	MD	Montgomery County Detention Center	County jail	224
Expansion	MI	Macomb County Jail	County jail	232

Category	State	Facility name	Facility type	Page
Expansion	MN	Sherburne County Jail	County complex	240
Expansion	NJ	Cumberland County Jail	County jail	254
Expansion	NY	Cattaraugus County Jail	County jail	260
Expansion	NY	Genesee County Jail	County complex	262
Expansion	PA	York County Prison	County jail	296
Expansion	WY	Sublette County Jail	County jail	330
Phased project (past)	IL	Robert H. Babcox Justice Center	County complex	164
Phased project (past)	MN	Hennepin County Adult Detention Center	County jail	236
Phased project (future)	CA	West Valley Detention Center	County jail	60
Phased project (future)	OH	Lorain Correctional Institution	State prison	276
Conversion	IL	Robert H. Babcox Justice Center	County complex	164
Conversion	LA	Tulane Avenue Facility	County and city jail	212
Conversion	NC	Durham County Jail Annex	County jail	270
Conversion	PA	State Correctional Institution at Waymart	State prison	294
Unknown	NY	Saratoga County Law Enforcement Center	County complex	266

Facility name	State	Facility type	Page
Alameda City Police Department and Jail	CA	City complex	38
Alameda County Jail	CA	County jail	40
Alamosa County Detention Center	CO	County complex	62
Alexander Cybulski Correctional Institution	CT	State prison	78
Androscoggin County Jail	ME	County jail	214
Arapahoe County Justice Center	CO	County complex	64
Baltimore Pre-Release Unit for Women	MD	State prison	216
Bee County Jail	TX	County complex	298
Boone County Jail	IN	County jail	174
Boone County Jail	MO	County complex	244
Boulder County Jail	CO	County jail	66
Brevard County Detention Center	FL	County jail	84
Bucks County Rehabilitation Center	PA	County jail	286
Butte County <i>Minimum Security Facility</i>	CA	County jail	42
Caldwell County Jail	TX	County complex	300
Carroll County Regional Detention Center	KY	Regional jail	200
Cattaraugus County Jail	NY	County jail	260
Central Correctional Institute	GA	State prison	102
Central Laundry Facility	MD	State prison	218
Central Probation Detention Center	GA	State prison	104
Clallam Bay Correctional Center	WA	State prison	322
Clarke-Frederick-Winchester Regional Adult Detention Center	VA	Regional jail	314
Clayton County Correctional Institution	GA	County jail	106
Coastal Correctional Institution	GA	State prison	108
Columbia Correctional Institution	WI	State prison	324
Cumberland County Jail	NJ	County jail	254
Danville Correctional Center	IL	State prison	156
Denver Reception and Diagnostic Center	CO	State prison	68
Duplin County Jail	NC	County jail	268
Durham County Jail Annex	NC	County jail	270
ECI: Leo Chesney Women's Center	CA	State prison (privately operated)	44
Eastern Kentucky Correctional Complex	KY	State prison	202
El Dorado Correctional Facility	KS	State prison	182
Ely State Prison	NV	State prison	252
Federal Correctional Institution—Fairton	NJ	Federal prison	256
Federal Correctional Institution—McKean	PA	Federal prison	288
Federal Correctional Institution—Oakdale I	LA	Federal prison	204
Federal Correctional Institution—Schuylkill	PA	Federal prison	290
Federal Correctional Institution—Sheridan	OR	Federal prison	282
Federal Correctional Institution—Three Rivers	TX	Federal prison	302
Federal Detention Center—Oakdale II	LA	Federal detention/jail	206
Federal Detention Center—Dublin	CA	Federal detention/jail	46
Frio County Jail	TX	County complex	304
Fulton Reception and Diagnostic Center	MO	State prison	246
Gamer Correctional Institution	CT	State prison	80
Genesee County Jail	NY	County complex	262
Genesis Unit 200 Bed Correctional Facility	FL	County jail	86
Georgia Diagnostic and Classification Center	GA	State prison	110
Georgia Women's Correctional Institute	GA	State prison	112
Gibson County Jail	IN	County jail	176

Facility name	State	Facility type	Page
Glynn County Detention Center	GA	County jail	114
Grafton Correctional Institution	OH	State prison	274
Greensville Correctional Center	VA	State prison	316
Harrison County Jail	MS	County jail	242
Hays Correctional Institute—Boot Camp	GA	State prison	116
Hennepin County Adult Detention Center	MN	County jail	236
Henry County Jail	GA	County jail	118
Hill Correctional Center	IL	State prison	158
Hillsborough County Orient Road Jail	FL	County jail	88
Homerville Parole Center	GA	State prison	120
Huerfano County Law Enforcement Center	CO	County complex	70
I.W. Davis Probation Detention Center	GA	State prison	122
Illinois River Correctional Center	IL	State prison	160
Ionia Maximum Correctional Facility	MI	State prison	230
James I. Montgomery Correctional Center	FL	County jail	90
Jessup Pre-Release Unit	MD	State prison	220
John E. Goode Pre-Trial Detention Facility	FL	County and city complex	92
Johnson County Jail	KS	County jail	184
Keen Mountain Correctional Center	VA	State prison	318
Kosciusko County Work Release	IN	County jail	178
Lansing Correctional Facility—East	KS	State prison	186
Larned Correctional Mental Health Facility	KS	State prison	188
Lerdo Pre-Trial	CA	County jail	48
Lew Sterrett Justice Center	TX	County jail	306
Lorain Correctional Institution	OH	State prison	276
Lorton Maximum Security Facility	VA	State prison	320
Lowndes County Jail	GA	County jail	124
Macomb County Jail	MI	County jail	232
Marion County Corrections Facility	OR	County complex	284
Marion County Jail and Law Enforcement Center	MO	County complex	248
Martin Correctional Institution	FL	State prison	94
McHenry County Government Center	IL	County complex	162
Mesa County Detention Facility	CO	County complex	72
Metro Jefferson Public Safety Building	NY	County complex	264
Metro West Detention Center	FL	County jail	96
Metropolitan Detention Center—Los Angeles	CA	Federal detention/jail	50
Milwaukee County Jail and Criminal Justice Facility	WI	County complex	326
Minnesota Correctional Facility—Shakopee	MN	State prison	238
Monmouth County Correction Institution	NJ	County jail	258
Montgomery County Detention Center	MD	County jail	222
Montgomery County Detention Center	MD	County jail	224
Multi-Purpose Criminal Justice Facility	DE	State prison	82
Nacogdoches County Law Enforcement Center	TX	County complex	308
Naval Consolidated Brig Miramar	CA	Regional jail (military)	52
Norfolk County Sheriff's Office and Correctional Center	MA	County jail	228
Northeast Probation Detention Center	GA	State prison	126
Northwest Ohio Regional Jail	OH	Regional jail	278
Northwest Probation Detention Center	GA	State prison	128
Orleans Parish Prison	LA	County and city jail	208
Oxbow Jail Facility	UT	County jail	312

Facility name	State	Facility type	Page
Palm Beach County Stockade	FL	County jail	98
Patuxent Institution	MD	State prison	226
Philadelphia Industrial Correctional Center	PA	City jail	292
Phillips Correctional Institute—Boot Camp	GA	State prison	130
Pinellas County Jail	FL	County jail	100
Pueblo County Detention Facility—Work Release	CO	County jail	74
Racine Correctional Institution	WI	State prison	328
Robert H. Babcox Justice Center	IL	County complex	164
Robinson Correctional Center	IL	State prison	166
Rockdale-Dekalb Probation Detention Center	GA	State prison	132
Rogers Correctional Institute	GA	State prison	134
Rusk County Sheriff's Department	TX	County complex	310
Saguache County Jail	CO	County jail	76
Santa Clara County Main Jail	CA	County complex	54
Saratoga County Law Enforcement Center	NY	County complex	266
Sedgwick County Adult Local Detention Facility	KS	County jail	190
Sedgwick County Work Release	KS	County jail	192
Sergeant William Dickerson Detention Facility	MI	County jail	234
Shawnee County Adult Detention Facility	KS	County jail	194
Sherburne County Jail	MN	County complex	240
South County Detention Facility	CA	County and city jail	56
Southeast Probation Detention Center	GA	State prison	136
St. Bernard Jail Complex	LA	County jail	210
Stanislaus County Public Safety Center	CA	County jail	58
Stanton County Law Enforcement Center	KS	County complex	196
State Correctional Institution at Waymart	PA	State prison	294
Sublette County Jail	WY	County jail	330
Taylorville Correctional Center	IL	State prison	168
Telfair Correctional Institute—Boot Camp	GA	State prison	138
Tippecanoe County Law Enforcement Center	IN	County complex	180
Treuten Shock Unit	GA	State prison	140
Tulane Avenue Facility	LA	County and city jail	212
U.S. Federal Penitentiary—Atlanta	GA	Federal prison	142
Varner Unit	AR	State prison	36
Wake County Public Safety Center	NC	County complex	272
Ware Correctional Institute	GA	State prison	144
Warren Correctional Institution	OH	State prison	280
Washington Correctional Institution—Boot Camp	GA	State prison	146
Washington Correctional Institution	GA	State prison	148
West Central Probation Detention Center	GA	State prison	150
West Valley Detention Center	CA	County jail	60
Western Illinois Correctional Center	IL	State prison	170
Western Missouri Correctional Center	MO	State prison	250
Western Probation Detention Center	GA	State prison	152
Will County Adult Detention Facility	IL	County jail	172
Women's Probation Detention Center	GA	State prison	154
Wyandotte County Detention Center	KS	County complex	198
York County Prison	PA	County jail	296



Section 3

Facility Profiles

Varner Unit

Responsible official: Director, Arkansas Department of Corrections

Contact: Dale Reed, Warden, Varner Unit, Highway 65 South and Highway 388, P.O. Box 600, Grady, AR 71644-0600, 501-479-3311

Architect: Wittenberg, Delany, and Davidson, Savers Federal Building, Little Rock, AR 72201, 501-376-6681

Construction Manager: N/A

Facility type: State prison

Jurisdiction type: State

Commitment type: Sentenced

Category: New construction
(independent facility), expansion

Building configuration: Integrated
structure, ladder, telephone pole

Complex use: N/A

Facility location: Rural

Amount of land: Unknown

Dimensions

Total GSF: 117,000

Total NSF: Unknown

Corrections GSF: 117,000

Corrections NSF: Unknown

Housing area GSF: 83,160

Housing area NSF: Unknown

GSF per inmate (design): 96

GSF per inmate (current): Unknown

NSF per inmate (design): Unknown

NSF per inmate (current): Unknown

Size of cells: Unknown

Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel

Type(s) of doors: Swinging

Type(s) of locks: Motor driven and remote
locking, manual locking

Floor surface: Sealed concrete

Intercom: Two-way to common areas

HVAC: Gas heat

Plumbing: China

Furniture: Steel, vinyl/plastic

Fire protection: Smoke detectors and
sprinklers for cells and common areas,
manual alarm stations

Windows: Standard and bars

Time

Groundbreaking: September 1985

Finish date: March 1987

Construction time: 18 months

Costs

Total: Unknown

Building only: Unknown

Final construction cost: Unknown

Housing area: \$5,405,400

Housing per inmate: \$4,504

Housing per cell: Unknown

Total per inmate: Unknown

Total per GSF: Unknown

Total per NSF: Unknown

Total annual operating costs: \$4,082,438

Construction type

Structural: Precast concrete frame, load-
bearing masonry

Exterior walls: Brick

Interior walls: Precast panels, CMU block

Exterior surface or facade: Unknown

Electronic technology systems: Lighting
protection, staff intercommunication,
inmate intercom, paging and sound
system, duress/fire alarm, door control/
monitoring, custom control panels

Inmate design capacity

General population

Single occupancy: 0

Double occupancy: 0

Dorms: 1,200

Special population

Single occupancy: 1

Double occupancy: 18

Dorms: 0

Total design: 1,219

Current population: Unknown

Inmate housing areas

Design: Modular/pod

Cells per unit: 24

Inmates per unit (design): 50

Inmates per unit (current): 57

Management type (design): Remote
surveillance

Management type (current): Intermittent
surveillance

Means to handle crowding: Use of barrack
areas

Total officers per unit

Day: 1

Evening: 1

Midnight: 1

Construction process

Contract method: Conventional design-bid-
build

Finance method: State funds

Use of inmate labor: Moderate; constructed
50% of housing areas

Use of prefabrication: None

Security

Perimeter: Single fence, razor wire on
fence(s), towers, perimeter patrols; costs
excluded

Inmate security level

Maximum: 0

Medium: 43%

Minimum: 57%

Current staff

Full-time equivalent

Administration: 29

Security: 153

Programs and treatment: 45

Maintenance: 11

Total: 238

Current inmate/staff ratio: Unknown

Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs

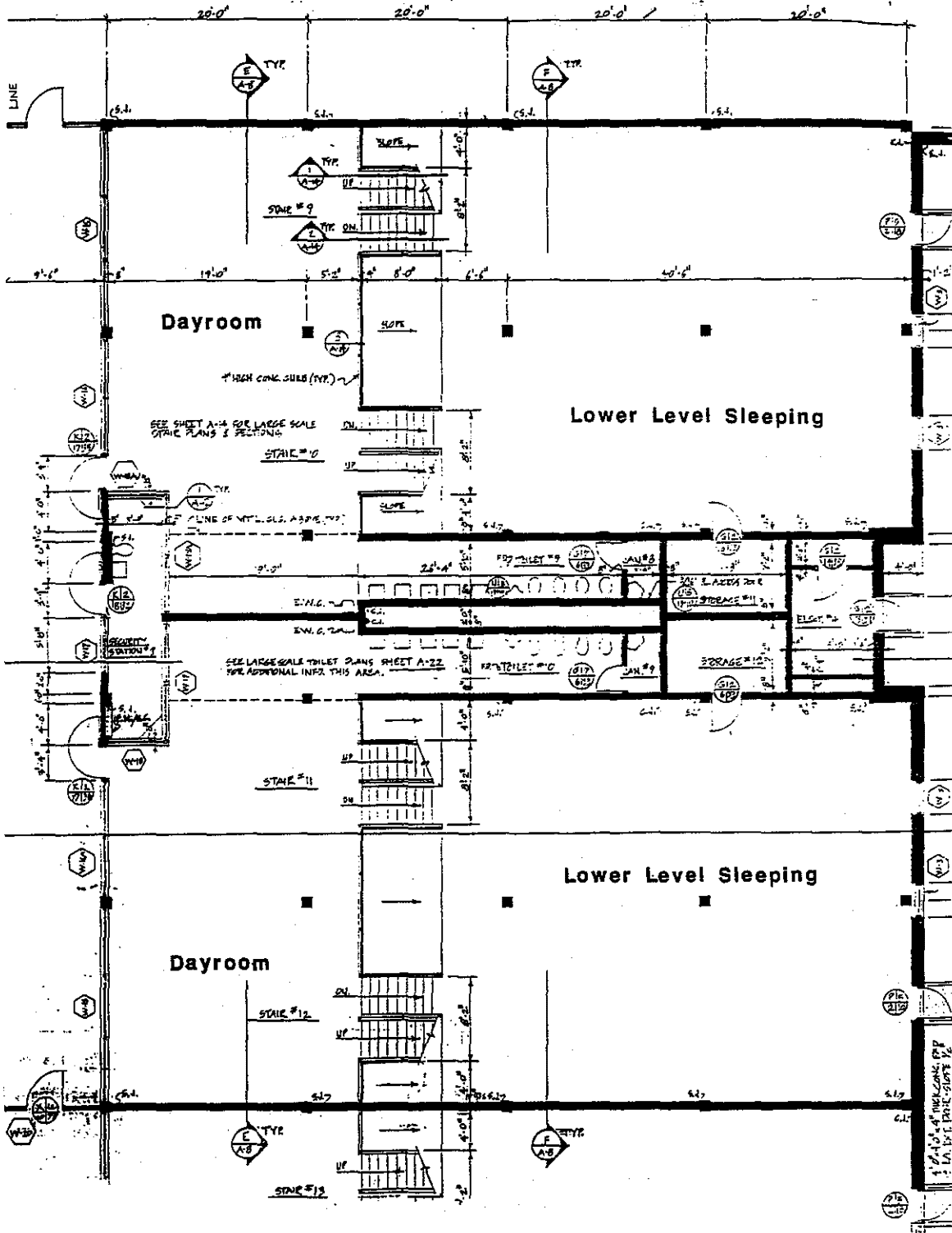
Positive: Simple construction methods,
simple design

Negative: N/A

Factors affecting time schedule

Positive: Simple construction methods,
coordination of design

Negative: N/A



Alameda City Police Department and Jail

Responsible official: Captain, Alameda City

Contact: Bruce Edwards, Captain, Alameda City Police Department and Jail, 1555 Oak Street, Alameda, CA 94501, 510-522-1221

Architect: VBN Architects, 501 14th Street, Suite 300, Oakland, CA 94612, 510-763-1313

Construction Manager: JW and Sons, 3855 Cypress Drive, Suite A, Petaluma, CA 94954, 707-763-6114

Facility type: City jail, complex (combined use)
Jurisdiction type: City
Commitment type: Pretrial, sentenced
Category: Expansion
Building configuration: Integrated structure
Complex use: Law enforcement
Facility location: Suburb
Amount of land: N/A

Dimensions

Total GSF: 28,056
Total NSF: 28,056
Corrections GSF: 3,900
Corrections NSF: 3,900
Housing area GSF: Unknown
Housing area NSF: 3,496
GSF per inmate (design): 150
GSF per inmate (current): 433
NSF per inmate (design): 150
NSF per inmate (current): 433
Size of cells: 58.5 (single and double), 212.5 (dorm)
Net/gross square feet: 100%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking
Floor surface: Epoxy coating
Intercom: Two-way to cells and common areas
HVAC: Gas heat, air-conditioning
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas
Windows: Slit

Time

Groundbreaking: June 1990
Finish date: November 1991
Construction time: 18 months

Costs

Total: \$1,800,000
Building only: \$1,800,000
Final construction cost: Higher
Housing area: \$800,000
Housing per inmate: \$30,769
Housing per cell: \$61,538
Total per inmate: N/A
Total per GSF: \$64.16
Total per NSF: \$64.16
Total annual operating costs: \$509,644

Construction type

Structural: Cast-in-place concrete frame
Exterior walls: Cast-in-place concrete, CMU block, brick
Interior walls: CMU block
Exterior surface or facade: Brick
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable

Inmate design capacity

General population
Single occupancy: 4
Double occupancy: 8
Dorms: 4
Special population
Single occupancy: 1
Double occupancy: 2
Dorms: 7
Total design: 26
Current population: January 1993: 9

Inmate housing areas

Design: Linear, cells on outside walls and interior of building
Cells per unit: 13
Inmates per unit (design): 26
Inmates per unit (current): 9
Management type (design): Remote surveillance
Management type (current): Remote surveillance
Means to handle crowding: Transfer to another facility
Total officers per unit
Day: 2
Evening: 2
Midnight: 2

Construction process

Contract method: Conventional design-bid-build
Finance method: General city fund
Use of inmate labor: None
Use of prefabrication: None

Security

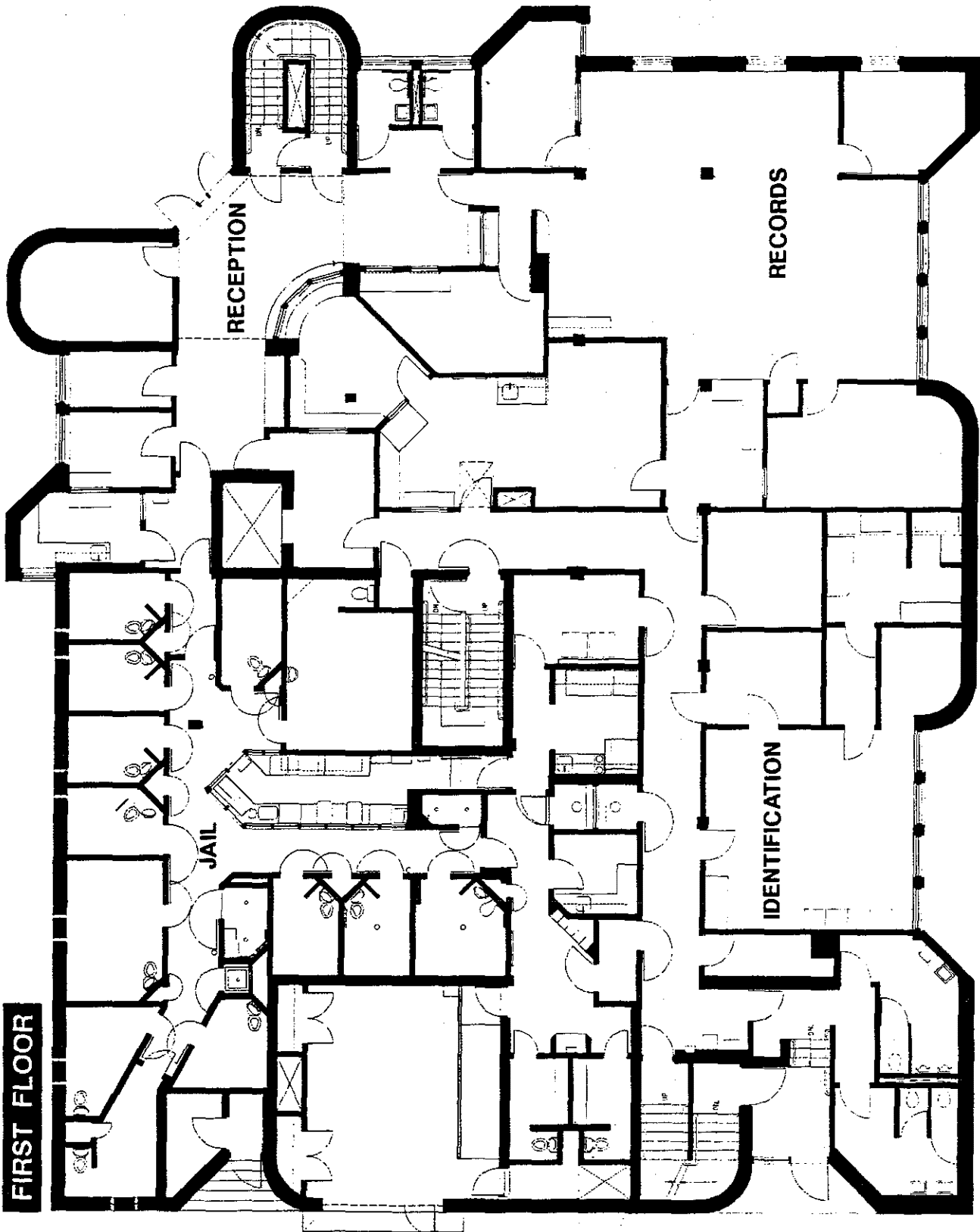
Perimeter: Building exterior only, video camera surveillance; costs excluded
Inmate security level
Maximum: 50%
Medium: 42%
Minimum: 8%

Current staff

Full-time equivalent
Administration: 1
Security: 9
Programs and treatment: 0
Maintenance: 0
Total: 10
Current inmate/staff ratio: 1:1
Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, good competition
Negative: Slow construction and lengthy building time
Factors affecting time schedule
Positive: Simple construction methods, coordination of design
Negative: N/A



FIRST FLOOR

Alameda County Jail

Responsible official: Sheriff, Alameda County

Contact: Steven A. Krahnke, Captain, Alameda County Jail, 5325 Broder Boulevard, Dublin, CA 94568, 510-551-6500

Architect: VBN Architects, 501 14th Street, Suite 300, Oakland, CA 94612, 510-763-1313

Construction Manager: Turner Construction, 353 Sacramento Street, 12th Floor, San Francisco, CA 94111, 415-391-1310

Facility type: County jail
Jurisdiction type: Federal, State, county
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Clusters
Complex use: N/A
Facility location: Suburb
Amount of land: 105 acres

Dimensions

Total GSF: 915,200
Total NSF: 915,200
Corrections GSF: 915,200
Corrections NSF: 915,200
Housing area GSF: 613,200
Housing area NSF: Unknown
GSF per inmate (design): 301
GSF per inmate (current): 381
NSF per inmate (design): 301
NSF per inmate (current): 381
Size of cells: 80 (single and double),
728 (dorm)
Net/gross square feet: 100%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking
Floor surface: Lino/vinyl, carpet, epoxy coating, sealed concrete
Intercom: Two-way to cells and common areas
HVAC: Heating/air circulation, forced air, air-conditioning
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas
Windows: Slit

Time

Groundbreaking: March 1986
Finish date: September 1989
Construction time: 40 months

Costs

Total: \$126,800,000
Building only: \$111,200,000
Final construction cost: Higher
Housing area: \$70,300,000
Housing per inmate: \$23,155
Housing per cell: \$64,142
Total per inmate: \$41,765
Total per GSF: \$139
Total per NSF: \$139
Total annual operating costs: \$51,780,000

Construction type

Structural: Load-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 or facade: Exterior insulation system
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm, satellite/cable

Inmate design capacity

General population

Single occupancy: 450
Double occupancy: 900
Dorms: 1,536

Special population

Single occupancy: 50
Double occupancy: 100
Dorms: 0
Total design: 3,036
Current population: December 1991: 2,400

Inmate housing areas

Design: Modular/pod
Cells per unit: 100
Inmates per unit (design): 163
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Intermittent and remote surveillance
Means to handle crowding: N/A

Total officers per unit

Day: 2
Evening: 2
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds, general county fund
Use of inmate labor: None
Use of prefabrication: Moderate; precast walls

Security

Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on and between fence(s), video camera surveillance; costs included

Inmate security level

Maximum: 44%
Medium: 23%
Minimum: 33%

Current staff

Full-time equivalent

Administration: 125
Security: 312
Programs and treatment: 93
Maintenance: 110
Total: 640
Current inmate/staff ratio: 3.8:1
Contracted services: Medical, food, maintenance

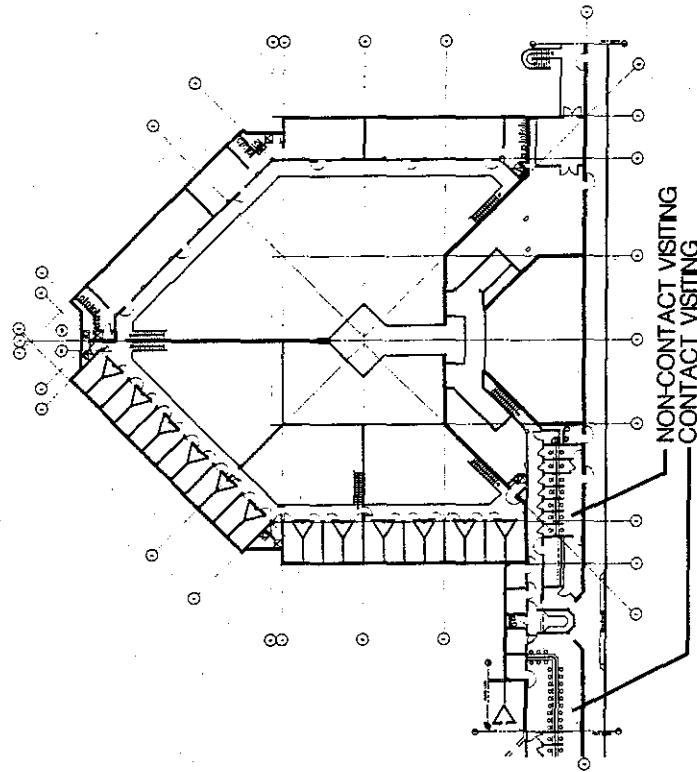
Architect's reported analysis

Factors affecting construction costs

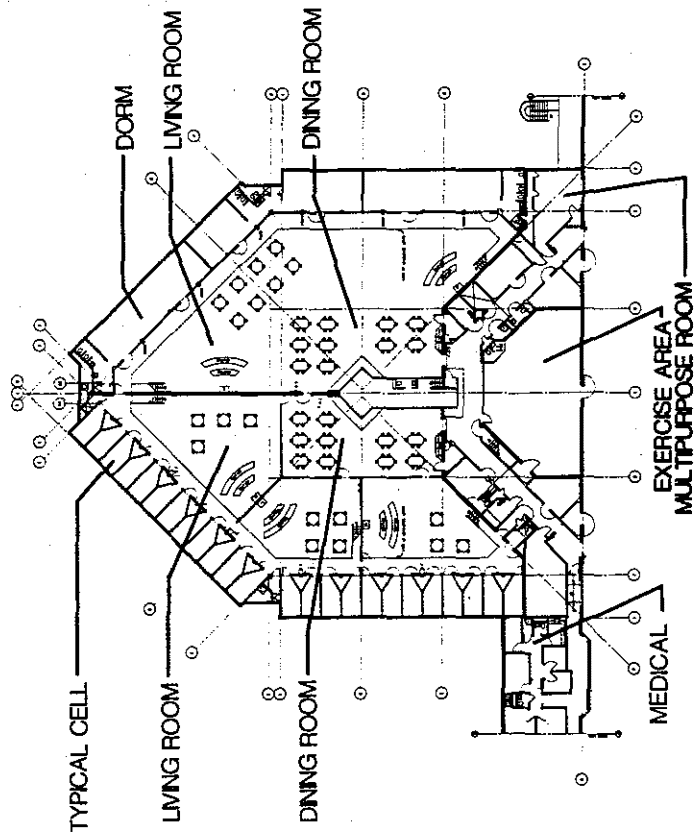
Positive: Simple construction methods, phased construction (fast track); good competition
Negative: Complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Prefabricated components; simple construction methods, phased construction (fast track); advanced order of materials, coordination of design
Negative: Complex electronic, mechanical, and electrical systems



SECOND FLOOR



FIRST FLOOR

Butte County Minimum Security Facility

Responsible official: Sheriff-Coroner, Butte County

Contact: Daniel Gaeeng, Jail Commander, Butte County Minimum Security Facility, 31 County Center Drive, Oroville, CA 95965, 916-538-7447

Architect: Unknown

Construction Manager: Unknown

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Suburb
Amount of land: 2 acres

Time

Groundbreaking: Unknown
Finish date: February 1986
Construction time: Unknown

Costs

Total: \$1,770,757
Building only: \$1,339,738
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$18,445
Total per GSF: \$224.15
Total per NSF: Unknown
Total annual operating costs: \$820,696

Construction type

Structural: Steel frame
Exterior walls: Stucco
Interior walls: Drywall
Exterior surface or facade: Stucco
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Dimensions

Total GSF: 7,900
Total NSF: Unknown
Corrections GSF: 7,900
Corrections NSF: Unknown
Housing area GSF: 7,900
Housing area NSF: Unknown
GSF per inmate (design): 82
GSF per inmate (current): 82
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: Unknown
Net/gross square feet: Unknown

Inmate design capacity

General population
Single occupancy: 0
Double occupancy: 0
Dorms: 96
Special population
Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 96
Current population: December 1991: 96

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 1
Inmates per unit (design): 96
Inmates per unit (current): 96
Management type (design): Intermittent surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: Alternative sanctions
Total officers per unit
Day: 2
Evening: 2
Midnight: 2

Construction process

Contract method: Conventional design-bid-build
Finance method: Cost shared by multiple local government jurisdictions
Use of inmate labor: None
Use of prefabrication: Unknown

Inmate cells

Door material(s): Unknown
Type(s) of doors: Unknown
Type(s) of locks: Unknown
Floor surface: Carpet, vinyl tile
Intercom: Two-way to common areas
HVAC: Air-conditioning, heat pumps
Plumbing: China
Furniture: Vinyl/plastic
Fire protection: Smoke detectors for dorms
Windows: Standard

Security

Perimeter: Building exterior only, single fence, double fence, razor wire on fence(s), video camera surveillance; costs excluded
Inmate security level
Maximum: 50%
Medium: 25%
Minimum: 25%

Current staff

Full-time equivalent
Administration: 2
Security: 10
Programs and treatment: 5
Maintenance: 2
Total: 19
Current inmate/staff ratio: 5:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs
Positive: Prefabricated components, good competition
Negative: High labor costs, government procedures and regulations
Factors affecting time schedule
Positive: Prefabricated components, coordination of design
Negative: Government procedures and regulations

(No floorplan available at time of publication)

ECI: Leo Chesney Women's Center

Responsible official: Deputy Director, California Department of Corrections

Contact: Ruth Bluit, Facility Director, ECI: Leo Chesney Women's Center, 2800 Apricot Street, Live Oak, CA 95953, 916-695-1846

Architect: MZA, 594 Howard Street, San Francisco, CA 94105, 415-957-0909

Construction Manager: MZA, 594 Howard Street, San Francisco, CA 94105, 415-957-0909

Facility type: State prison, privately operated
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building), expansion
Building configuration: Campus style
Complex use: N/A
Facility location: Urban
Amount of land: 10 acres

Dimensions

Total GSF: 47,000
Total NSF: 40,000
Corrections GSF: 47,000
Corrections NSF: 40,000
Housing area GSF: 14,400
Housing area NSF: Unknown
GSF per inmate (design): 392
GSF per inmate (current): 470
NSF per inmate (design): 333
NSF per inmate (current): 400
Size of cells: Unknown
Net/gross square feet: 85%

Inmate cells

Door material(s): N/A
Type(s) of doors: N/A
Type(s) of locks: N/A
Floor surface: Sealed concrete
Intercom: One-way to common areas
HVAC: Forced air
Plumbing: China
Furniture: Wood, vinyl/plastic
Fire protection: Smoke detectors and sprinklers for common areas, manual alarm stations
Windows: Standard and bars

Time

Groundbreaking: April 1991
Finish date: March 1992
Construction time: 11 months

Costs

Total: \$1,650,000
Building only: \$1,500,000
Final construction cost: Higher
Housing area: \$1,250,000
Housing per inmate: \$10,417
Housing per cell: N/A
Total per inmate: \$13,750
Total per GSF: \$35.11
Total per NSF: \$41.25
Total annual operating costs: \$1,489,800

Construction type

Structural: Steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, perimeter detection/alarm, satellite/cable

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 120

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 120

Current population: June 1992: 100

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): 60
Inmates per unit (current): 60
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Turnkey design-build
Finance method: Rent from a private owner
Use of inmate labor: None
Use of prefabrication: Limited; maintenance building

Security

Perimeter: Single fence, perimeter patrols and detection/alarm, razor wire on fence(s), video camera surveillance; costs included

Inmate security level

Maximum: 0
Medium: 25%
Minimum: 75%

Current staff

Full-time equivalent

Administration: 6
Security: 20
Programs and treatment: 5
Maintenance: 6
Total: 37
Current inmate/staff ratio: 2.7:1
Contracted services: N/A

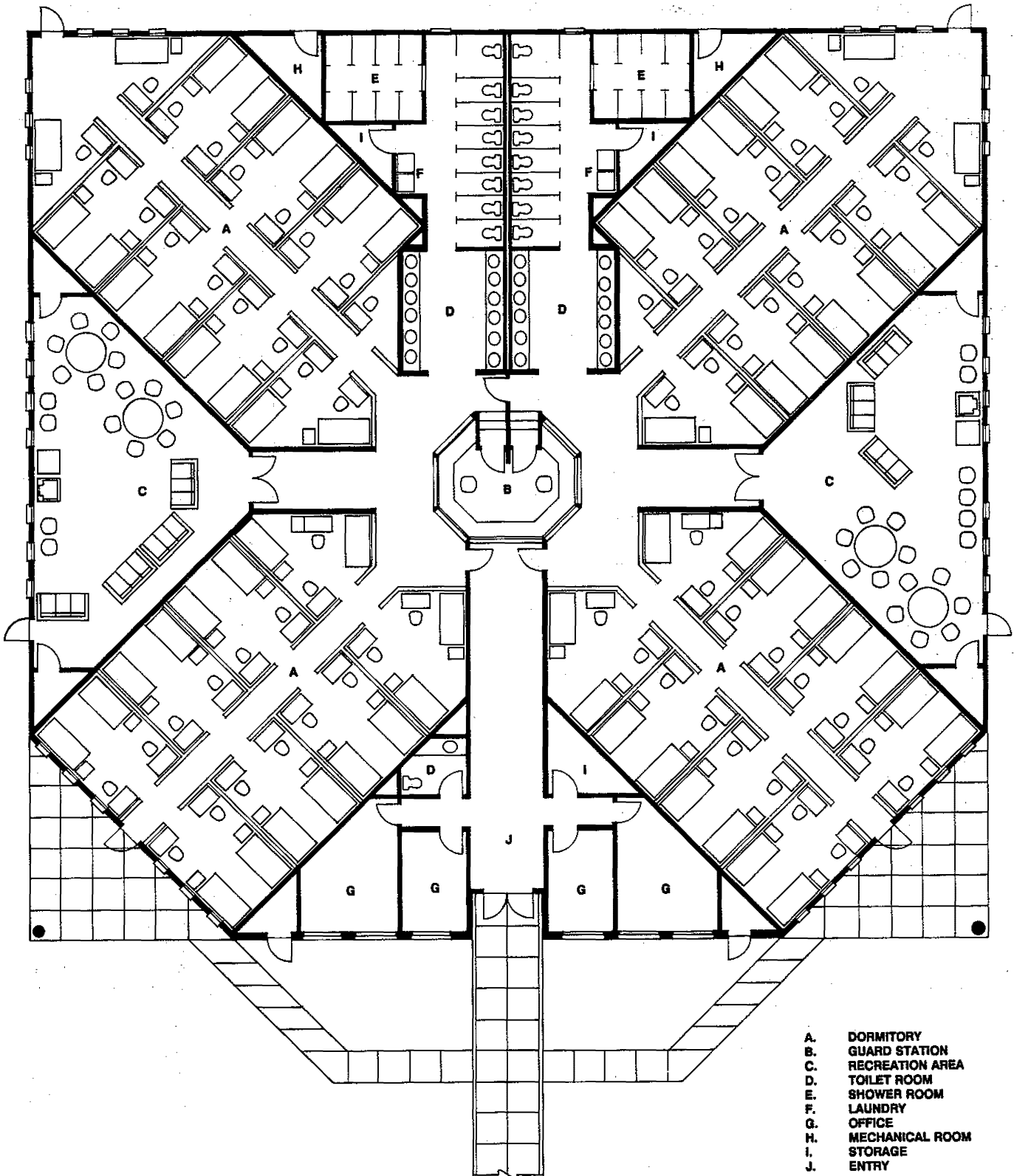
Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods
Negative: Slow construction and lengthy building time, government procedures and regulations

Factors affecting time schedule

Positive: Coordination of design
Negative: Slow response or delivery from vendor/supplier, government procedures and regulations



- A. DORMITORY
- B. GUARD STATION
- C. RECREATION AREA
- D. TOILET ROOM
- E. SHOWER ROOM
- F. LAUNDRY
- G. OFFICE
- H. MECHANICAL ROOM
- I. STORAGE
- J. ENTRY

Federal Detention Center—Dublin

Responsible official: Director, Federal Bureau of Prisons

Contact: Loy Hayes, Federal Correctional Institution—Pleasanton, 5765 Eighth Street, Camp Parks, Dublin, CA 94568, 510-833-7500

Architect: Unknown

Construction Manager: N/A

Facility type: Federal detention
Jurisdiction type: Federal
Commitment type: Pretrial, sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Urban
Amount of land: 1 acre

Dimensions

Total GSF: 31,500
Total NSF: 27,950
Corrections GSF: Unknown
Corrections NSF: Unknown
Housing area GSF: 28,200
Housing area NSF: 24,250
GSF per inmate (design): Unknown
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 88 (single)
Net/gross square feet: 89%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Manual locking only
Floor surface: Vinyl tile
Intercom: Two-way to cells, one-way to common areas
HVAC: Air-conditioning, gas
Plumbing: China, stainless
Furniture: Steel, wood, vinyl/plastic
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm station
Windows: Slit

Time

Groundbreaking: September 1987
Finish date: June 1989
Construction time: 9 months

Costs

Total: \$7,838,100
Building only: \$6,418,500
Final construction cost: Lower
Housing area: \$5,721,600
Housing per inmate: \$28,608
Housing per cell: Unknown
Total per inmate: \$39,990
Total per GSF: \$248
Total per NSF: \$213
Total annual operating costs: \$4,076,800

Construction type

Structural: Load-bearing precast panels, steel frame
Exterior walls: Precast panels
Interior walls: Precast panels
Exterior surface or facade: Stucco
Electronic technology systems: CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, perimeter detection/alarm, lighting protection, inmate intercoms, card access, custom control panels

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 200
Dorms: 0

Special population

Single occupancy: 0
Double occupancy: 36
Dorms: 0
Total design: 236
Current population: May 1993: 196

Inmate housing areas

Design: Modular/pod
Cells per unit: 50
Inmates per unit (design): 100
Inmates per unit (current): Unknown
Management type (design): Direct supervision
Management type (current): Intermittent surveillance
Means to handle crowding: Bunk beds in cell, multipurpose areas
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid build
Finance method: Federal funds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Double fence, perimeter detection/alarm, razor wire on and between fence(s), perimeter patrols, video camera surveillance; costs excluded

Inmate security level

Maximum: 3%
Medium: 97%
Minimum: 0

Current staff

Full-time equivalent

Administration: 2
Security: 16
Programs and treatment: 2
Maintenance: 0
Total: 20
Current inmate/staff ratio: 6.3:1
Contracted services: N/A

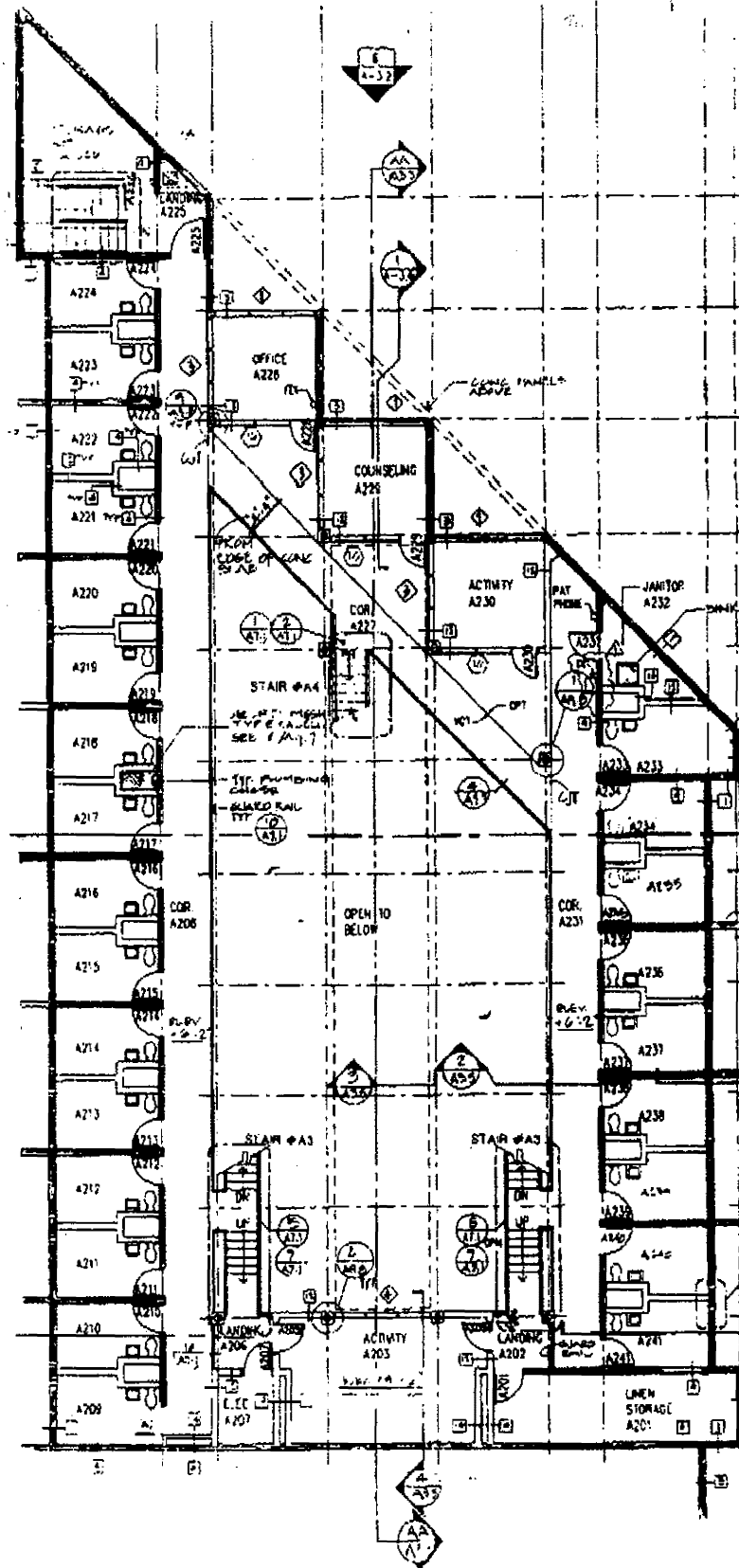
Architect's reported analysis

Factors affecting construction costs

Positive: Prefabricated components, simple construction methods, less expensive materials and hardware
Negative: Difficult site conditions, contractor performance

Factors affecting time schedule

Positive: Prefabricated components, simple construction methods
Negative: Slow responses and deliveries from vendors and suppliers, contractor's methods of construction



Lerdo Pre-Trial

Responsible official: Sheriff, Kern County

Contact: Danny Harris, Commander, Lerdo Pre-Trial, 17695 Industrial Farm Road, Bakersfield, CA 93308-9770, 805-861-7901

Architect: N/A

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: Remodel/renovation
Building configuration: Clusters
Complex use: N/A
Facility location: Rural
Amount of land: N/A

Dimensions

Total GSF: Unknown
Total NSF: Unknown
Corrections GSF: Unknown
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): Unknown
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: Unknown
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging, sliding
Type(s) of locks: Unknown
Floor surface: Sealed concrete
Intercom: Two-way to cells and common areas
HVAC: Air-conditioning, forced air
Plumbing: Stainless steel
Furniture: Steel, vinyl/plastic
Fire protection: Smoke detectors and sprinklers for cells and common areas
Windows: Special security

Time

Groundbreaking: Unknown
Finish date: February 1993
Construction time: Unknown

Costs

Total: Unknown
Building only: Unknown
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: Unknown
Total per GSF: Unknown
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Cast-in-place concrete frame
Exterior walls: Cast-in-place concrete, CMU block
Interior walls: Cast-in-place concrete, CMU block
Exterior surface or facade: Natural wall, CMU block
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 1,104
Dorms: 0

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 1,104

Current population: April 1993: 950

Inmate housing areas

Design: Modular/pod
Cells per unit: 96
Inmates per unit (design): 192
Inmates per unit (current): 192
Management type (design): Remote surveillance, direct supervision
Management type (current): Remote surveillance, direct supervision
Means to handle crowding: Transfer to another facility, second bunk permanently attached
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: N/A
Finance method: State general obligation bonds
Use of inmate labor: Limited; welding assistance
Use of prefabrication: Limited; furniture

Security

Perimeter: Single fence, razor wire on fence(s), perimeter patrols; costs included

Inmate security level

Maximum: 100%
Medium: 0
Minimum: 0

Current staff

Full-time equivalent

Administration: 14
Security: 107
Programs and treatment: 33
Maintenance: 1
Total: 155
Current inmate/staff ratio: 6.1:1
Contracted services: Commissary

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods
Negative: Government procedures and regulations

Factors affecting time schedule

Positive: Prefabricated components, simple construction methods
Negative: Government procedures and regulations

(No floorplan available at time of publication)

Metropolitan Detention Center—Los Angeles

Responsible official: Director, Federal Bureau of Prisons

Contact: Wayne H. Seifert, Warden, Metropolitan Detention Center—Los Angeles, 535 North Alameda Street, Los Angeles, CA 90012-1500, 213-485-0439

Architect: Ellerbe Becket, Inc., 2501 Colorado Avenue, Third Floor, Santa Monica, CA 90404-3585, 310-829-4000

Construction Manager: N/A

Facility type: Federal detention
Jurisdiction type: Federal
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure, highrise
Complex use: N/A
Facility location: Urban
Amount of land: 1.2 acres

Dimensions

Total GSF: 272,258
Total NSF: 239,600
Corrections GSF: 272,258
Corrections NSF: 239,600
Housing area GSF: 178,500
Housing area NSF: 157,000
GSF per inmate (design): 463
GSF per inmate (current): 267
NSF per inmate (design): 407
NSF per inmate (current): 235
Size of cells: 77 (single and double)
Net/gross square feet: 88%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking, manual locking
Floor surface: Lino/sheet vinyl, sealed concrete
Intercom: Two-way to common areas
HVAC: Heating/air circulation, gas heat
Plumbing: Stainless steel
Furniture: Steel, vinyl/plastic
Fire protection: Sprinklers for cells and common areas
Windows: Slit

Time

Groundbreaking: November 1986
Finish date: December 1988
Construction time: 23 months

Costs

Total: \$40,000,000
Building only: \$35,500,000
Final construction cost: Lower
Housing area: \$23,600,000
Housing per inmate: \$57,843
Housing per cell: \$57,843
Total per inmate: \$68,027
Total per GSF: \$146.92
Total per NSF: \$166.94
Total annual operating costs: \$18,989,681

Construction type

Structural: Steel frame
Exterior walls: Precast panels, cast-in-place concrete, CMU block, granite-clad precast
Interior walls: CMU block, reinforced security drywall
Exterior surface or facade: Textured and colored concrete
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, perimeter detection/alarm

Inmate design capacity

General population

Single occupancy: 408
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 180
Double occupancy: 0
Dorms: 0
Total design: 588
Current population: November 1992: 1,019

Inmate housing areas

Design: Modular/pod
Cells per unit: 136
Inmates per unit (design): 136
Inmates per unit (current): 235
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Bunk beds in cells, second bunk permanently attached
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: Federal funds
Use of inmate labor: None
Use of prefabrication: Limited; precast concrete panels, metal enclosures, millwork

Security

Perimeter: Building exterior, single fence, perimeter detection/alarm, video camera surveillance, wire enclosed elevated terraces; costs included

Inmate security level

Maximum: 10%
Medium: 90%
Minimum: 0

Current staff

Full-time equivalent

Administration: 40
Security: 210
Programs and treatment: 75
Maintenance: 25
Total: 350
Current inmate/staff ratio: 2.9:1
Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs

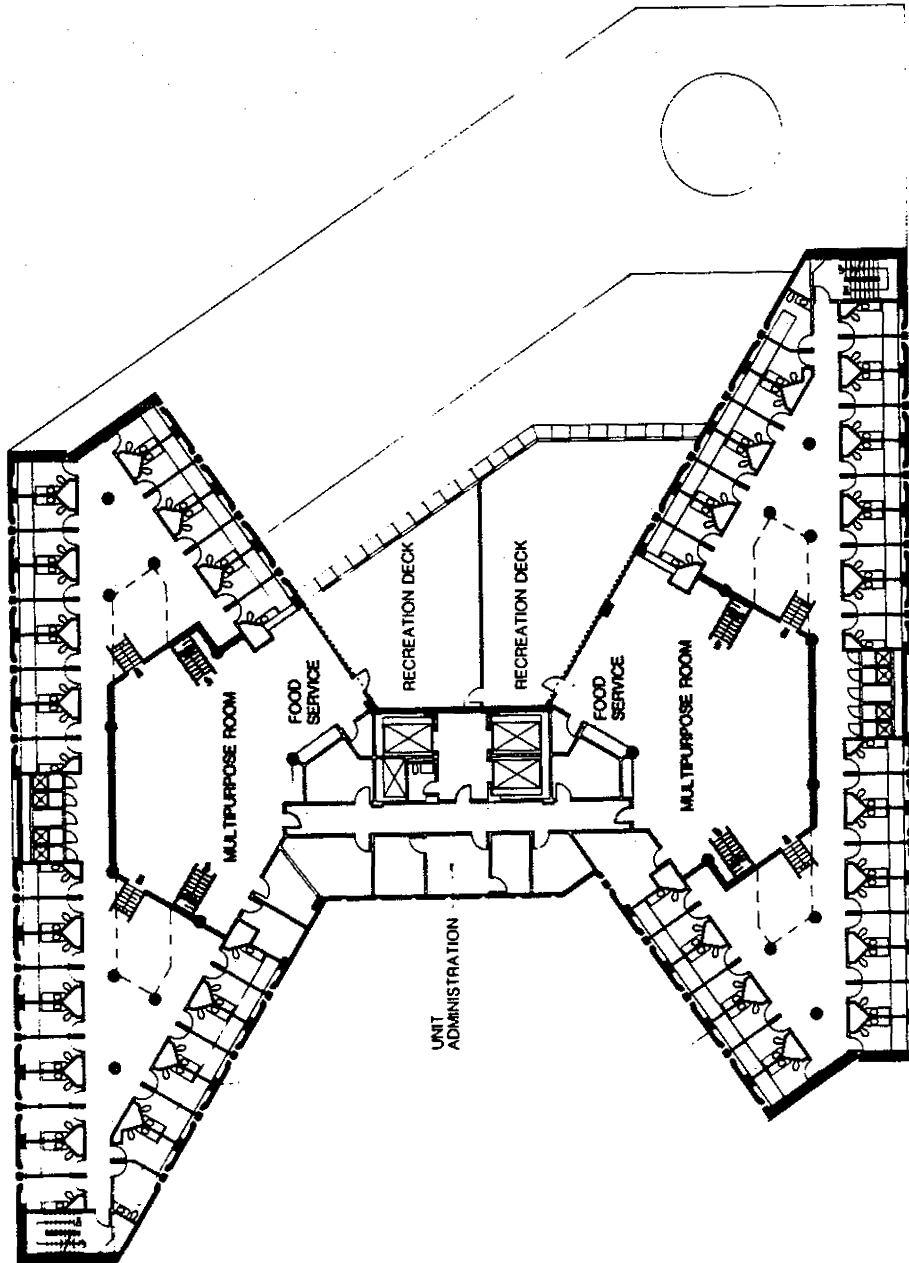
Positive: Prefabricated components, simple construction methods

Negative: Difficult site conditions

Factors affecting time schedule

Positive: Prefabricated components, simple construction methods, coordination of design

Negative: N/A



Naval Consolidated Brig Miramar

Responsible official: Commanding Officer, U.S. Navy

Contact: Captain J.E. Brown, Commanding Officer, U.S. Navy, Naval Consolidated Brig Miramar, 46141 Miramar Way, Suite 1, San Diego, CA 92145-5499, 619-537-7001

Architect: Rosser Justice Systems, 524 West Peachtree Street, Atlanta, GA 30308, 404-876-3800

Construction Manager: N/A

Facility type: Regional jail (military)
Jurisdiction type: Federal, U.S. Navy disciplinary system
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure, courtyard
Complex use: N/A
Facility location: Suburb, military base
Amount of land: 27 acres

Dimensions

Total GSF: 190,000
Total NSF: 122,000
Corrections GSF: 190,000
Corrections NSF: 122,000
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 430
GSF per inmate (current): 864
NSF per inmate (design): 275
NSF per inmate (current): 554
Size of cells: 80 (single)
Net/gross square feet: 64%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Two-way to common areas, inmate duress alarm, general paging throughout
HVAC: Heating/air circulation, gas heat, forced air
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: August 1987
Finish date: October 1989
Construction time: 26 months

Costs

Total: \$20,000,000
Building only: Unknown
Final construction cost: Lower
Housing area: \$10,100,000
Housing per inmate: \$25,250
Housing per cell: \$25,250
Total per inmate: \$37,923
Total per GSF: \$88.42
Total per NSF: \$137.70
Total annual operating costs: \$4,032,870

Construction type

Structural: Steel frame, load-bearing CMU block
Exterior walls: CMU block
Interior walls: CMU block, metal stud with gypsum board
Exterior surface or facade: Stucco, prefab metal panels
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable, metal detection, watch tower system

Inmate design capacity

General population
Single occupancy: 400
Double occupancy: 0
Dorms: 0
Special population
Single occupancy: 3
Double occupancy: 0
Dorms: 40
Total design: 443
Current population: January 1993: 250

Inmate housing areas

Design: Modular/pod
Cells per unit: 20
Inmates per unit (design): 20
Inmates per unit (current): Unknown
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 2
Evening: 2
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: Federal funds
Use of inmate labor: None
Use of prefabrication: Limited; preengineered steel frame and prefabricated metal panels

Security

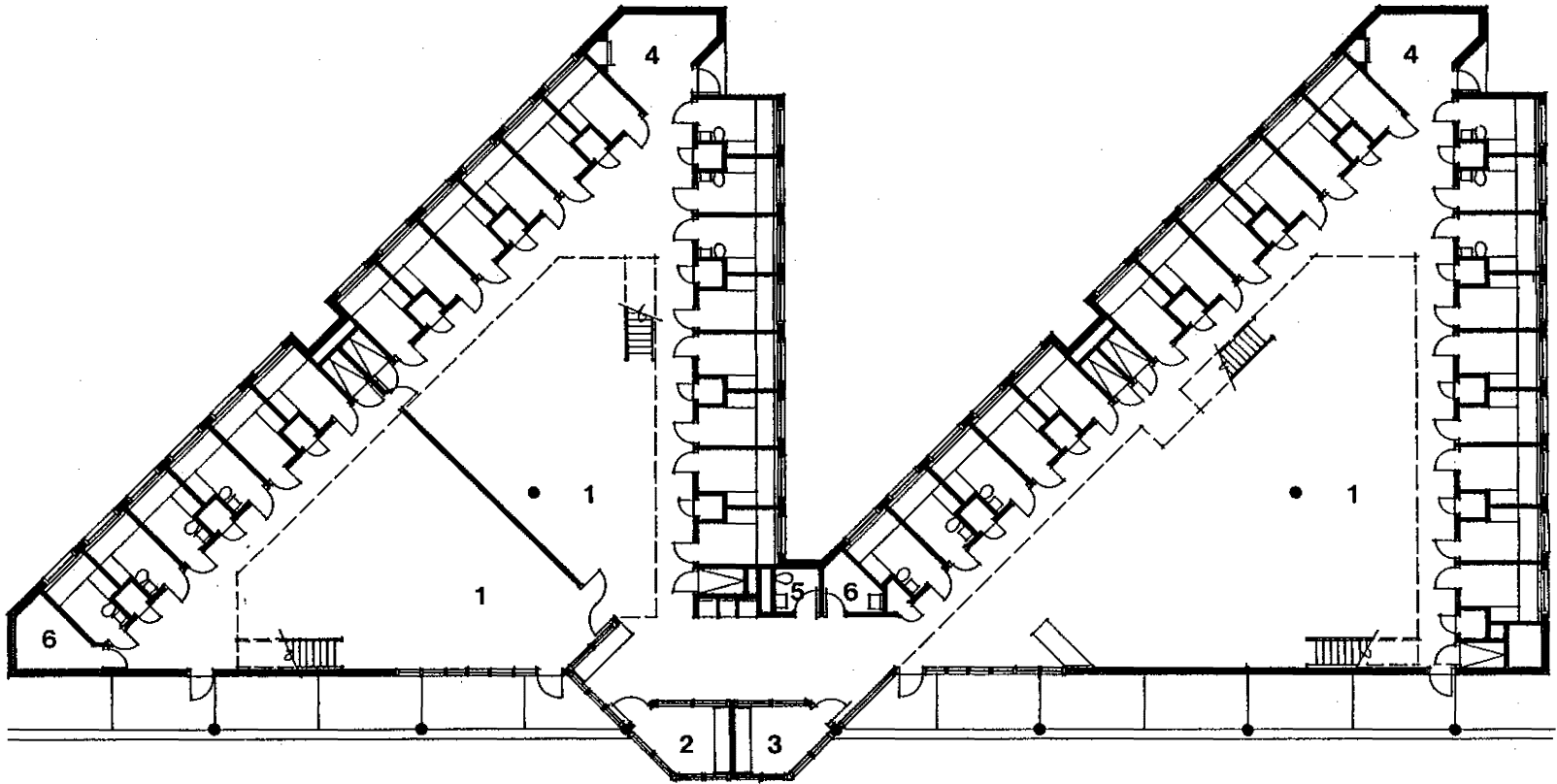
Perimeter: Building exterior only, single fence, video camera surveillance; costs included
Inmate security level
Maximum: 4.5%
Medium: 15.5%
Minimum: 80

Current staff

Full-time equivalent
Administration: 54
Security: 60
Programs and treatment: 35
Maintenance: 20
Total: 169
Current inmate/staff ratio: 1.5:1
Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, less expensive materials
Negative: High labor costs
Factors affecting time schedule
Positive: Coordination of design
Negative: Slow response or delivery from vendor/supplier



TYPICAL HOUSING UNIT
GROUND FLOOR PLAN

- 1. DAY ROOM
- 2. CASE MANAGER
- 3. COUNSELOR
- 4. QUIET ROOM
- 5. STAFF TOILET
- 6. JANITORIAL

Santa Clara County Main Jail

Responsible official: Board of Supervisors, Santa Clara County Department of Corrections

Contact: Bob Conroy, Acting Director, Department of Corrections, Santa Clara County Main Jail, 150 West Hedding Street, San Jose, CA 95110, 408-299-4005

Architect: Dworsky and Associates, 3530 Wilshire Boulevard, Suite 1000, Los Angeles, CA 90010-2300, 213-380-9100

Construction Manager: O'Brien Kreitzberg, Bayside Plaza 188 The Embarcadero, San Francisco, CA 94111, 415-777-0188

Facility type: County jail, complex (combined use)
Jurisdiction type: County
Commitment type: Pretrial
Category: New construction (independent facility)
Building configuration: Highrise
Complex use: Courts
Facility location: Urban
Amount of land: Unknown

Time

Groundbreaking: October 1987

Finish date: October 1989

Construction time: 24 months

Costs

Total: \$54,500,000

Building only: \$51,700,000

Final construction cost: Higher

Housing area: \$20,087,560

Housing per inmate: \$27,899

Housing per cell: \$46,500

Total per inmate: N/A

Total per GSF: \$164.65

Total per NSF: \$205.82

Total annual operating costs: \$29,774,679

Construction type

Structural: Cast-in-place concrete frame

Exterior walls: Precast panels, cast-in-place concrete

Interior walls: CMU block

Exterior surface or facade: Colored concrete

Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels

Dimensions

Total GSF: 331,000

Total NSF: 264,800

Corrections GSF: 223,144

Corrections NSF: 178,515

Housing area GSF: 132,155

Housing area NSF: 105,600

GSF per inmate (design): 460

GSF per inmate (current): 460

NSF per inmate (design): 368

NSF per inmate (current): 368

Size of cells: 123 (single)

Net/gross square feet: 80%

Inmate design capacity

General population

Single occupancy: 432

Double occupancy: 0

Dorms: 0

Special population

Single occupancy: 224

Double occupancy: 0

Dorms: 64

Total design: 720

Current population: April 1992: 720

Inmate housing areas

Design: Modular/pod

Cells per unit: 48

Inmates per unit (design): 48

Inmates per unit (current): 48

Management type (design): Direct supervision

Management type (current): Direct supervision

Means to handle crowding: Transfer to another facility

Total officers per unit

Day: 2

Evening: 2

Midnight: 2

Construction process

Contract method: Conventional design-bid-build, multiple bid packages (fast track)

Finance method: State general obligation bonds, cost shared by many local government jurisdictions

Use of inmate labor: None

Use of prefabrication: Moderate; exterior precast panels

Inmate cells

Door material(s): Steel

Type(s) of doors: Swinging

Type(s) of locks: Remote locking only

Floor surface: Sealed concrete

Intercom: Two-way to cells

HVAC: Air-conditioning, forced air

Plumbing: Stainless steel combination unit

Furniture: Steel

Fire protection: Smoke detectors and sprinklers for cells and common areas

Windows: Slit

Security

Perimeter: Building exterior only; costs excluded

Inmate security level

Maximum: 20%

Medium: 80%

Minimum: 0

Current staff

Full-time equivalent

Administration: 8

Security: 343

Programs and treatment: 74

Maintenance: 57

Total: 482

Current inmate/staff ratio: 1.5:1

Contracted services: Transportation

Architect's reported analysis

Factors affecting construction costs

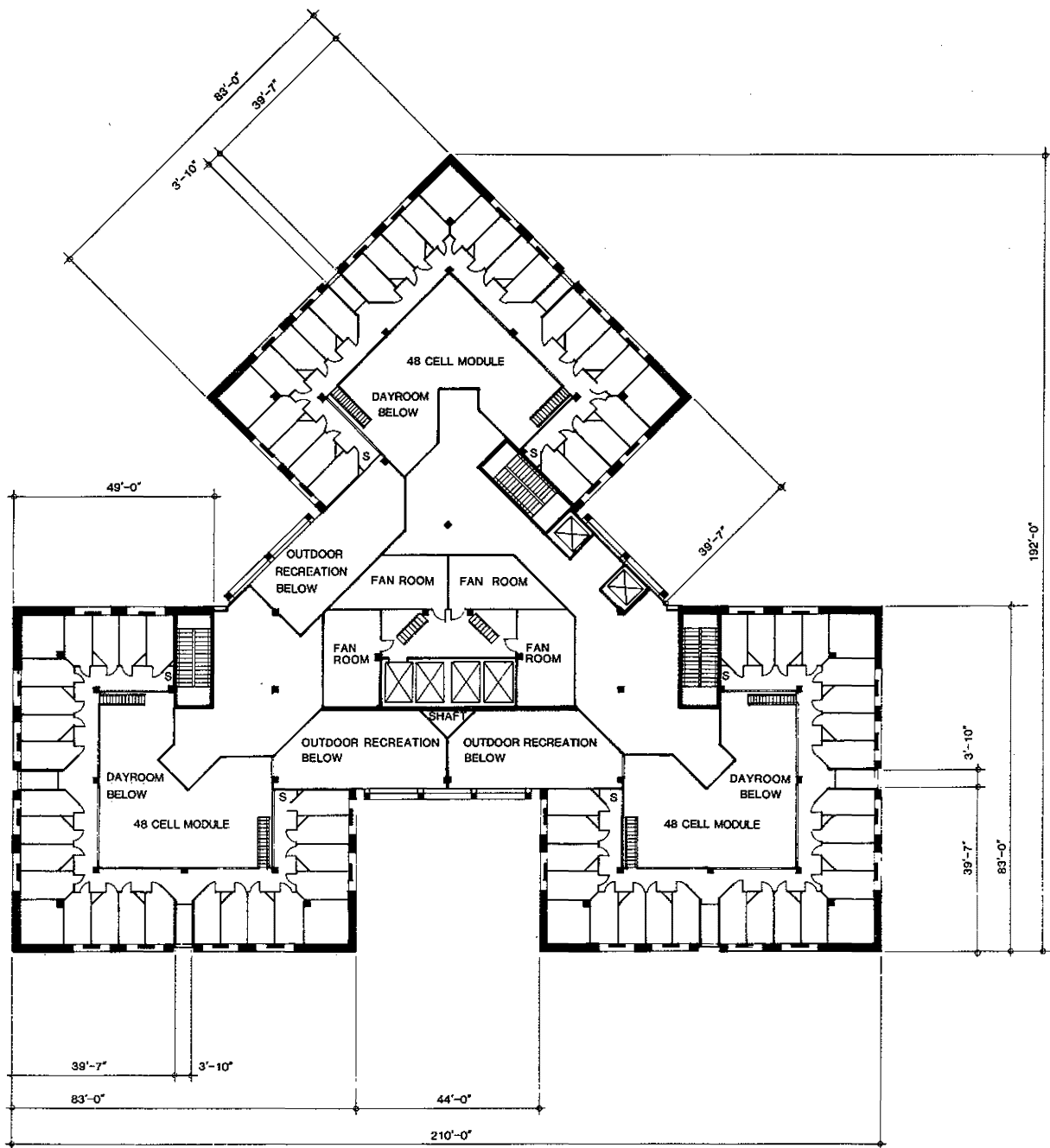
Positive: Prefabricated components, less expensive materials

Negative: Slow construction and lengthy building time; complex electronic, mechanical, and electrical systems; claims-oriented contractor

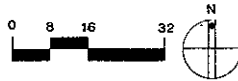
Factors affecting time schedule

Positive: Prefabricated components

Negative: Complex electronic, mechanical, and electrical systems; separate bid packages



**TYPICAL MEZZANINE LEVEL FLOOR PLAN
LEVELS 4M THRU 8M**



South County Detention Facility

Responsible official: Sheriff, San Mateo County

Contact: Don Horsley, Lieutenant, South County Detention Facility, 330 Bradford Street, Redwood City, CA 94063, 415-363-4314

Architect: Patrick Sullivan Associates, 110 Harvard Avenue, Claremont, CA 91711, 909-624-4051

Construction Manager: S.J. Amoroso Construction Company, 348 Hatch Drive, Foster City, CA 94404, 415-349-6691

Facility type: County and city jail

Jurisdiction type: County

Commitment type: Sentenced

Category: New construction (separate but ancillary building)

Building configuration: Integrated structure

Complex use: N/A

Facility location: Urban

Amount of land: 1 acre

Dimensions

Total GSF: 44,000

Total NSF: Unknown

Corrections GSF: 44,000

Corrections NSF: Unknown

Housing area GSF: 18,432

Housing area NSF: 11,460

GSF per inmate (design): 275

GSF per inmate (current): 78

NSF per inmate (design): Unknown

NSF per inmate (current): Unknown

Size of cells: 200 (double), 350 (dorm)

Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel

Type(s) of doors: Swinging

Type(s) of locks: Manual locking

Floor surface: Sealed concrete

Intercom: One-way to common areas

HVAC: Gas heat

Plumbing: Stainless steel

Furniture: Steel

Fire protection: Sprinklers for common areas

Windows: Slit

Security

Perimeter: Building exterior only, video camera surveillance; costs included

Inmate security level

Maximum: 0

Medium: 100%

Minimum: 0

Current staff

Full-time equivalent

Administration: 21

Security: 139

Programs and treatment: 2

Maintenance: 2

Total: 164

Current inmate/staff ratio: 1.3:1

Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, less expensive materials

Negative: N/A

Factors affecting time schedule

Positive: Simple construction methods, coordination of design

Negative: N/A

Time

Groundbreaking: September 1986

Finish date: February 1988

Construction time: 17 months

Costs

Total: \$6,300,000

Building only: \$5,600,000

Final construction cost: Unknown

Housing area: \$4,000,000

Housing per inmate: \$25,000

Housing per cell: \$166,667

Total per inmate: \$39,375

Total per GSF: \$143.18

Total per NSF: Unknown

Total annual operating costs: Unknown

Construction type

Structural: Steel frame, precast concrete, concrete block

Exterior walls: Precast panels

Interior walls: Metal stud, gypsum board, concrete block

Exterior surface or facade: Textured concrete

Electronic technology systems: CCTV surveillance, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0

Double occupancy: 32

Dorms: 128

Special population

Single occupancy: 0

Double occupancy: 0

Dorms: 0

Total design: 160

Current population: March 1993: 220

Inmate housing areas

Design: Modular/pod

Cells per unit: 1

Inmates per unit (design): 8

Inmates per unit (current): Unknown

Management type (design): Remote surveillance, direct supervision

Management type (current): Direct supervision

Means to handle crowding: Bunk beds in cells

Total officers per unit

Day: N/A

Evening: N/A

Midnight: N/A

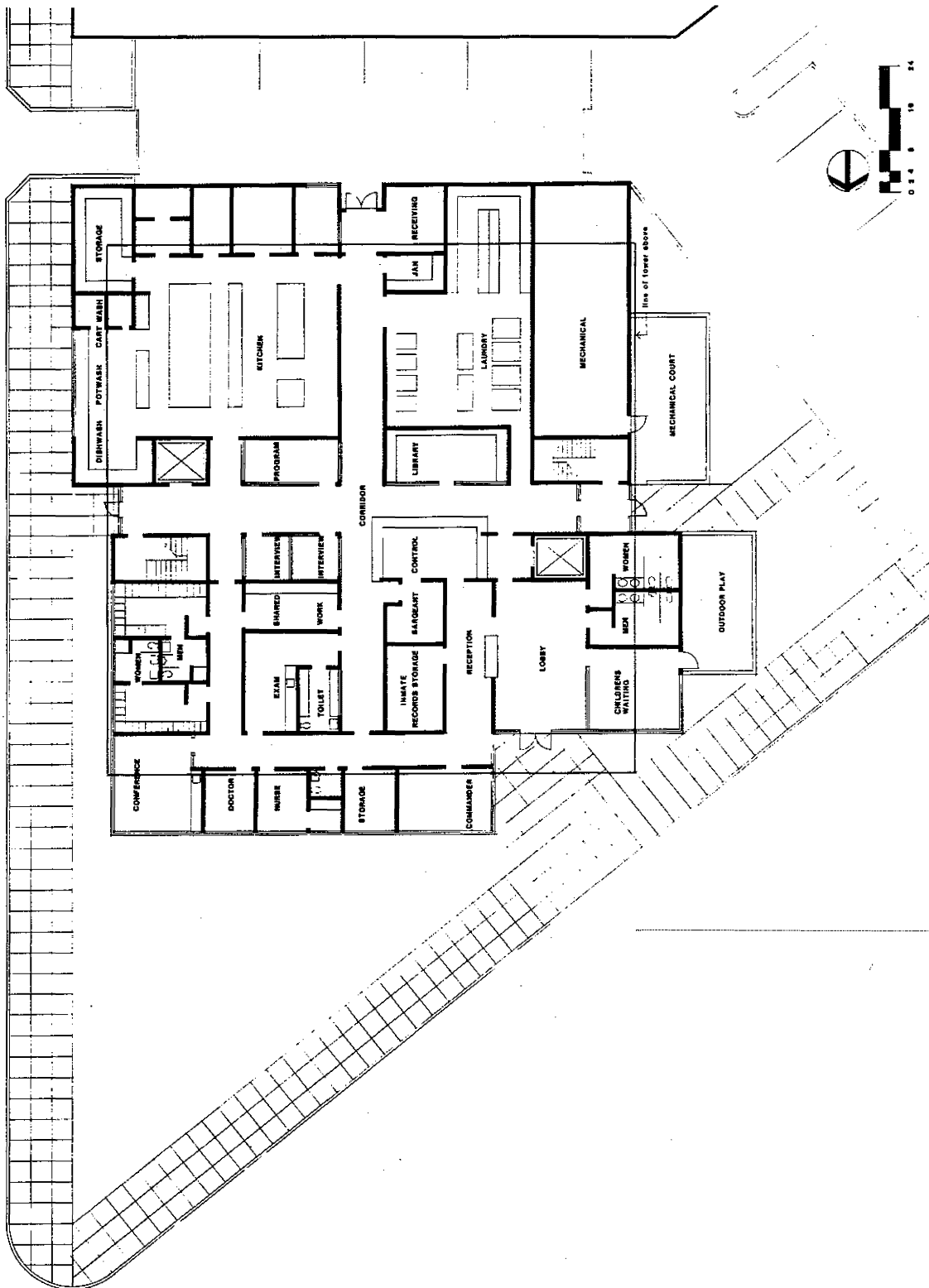
Construction process

Contract method: Conventional design-bid-build

Finance method: State general obligation bonds, proposition 52+86

Use of inmate labor: Limited

Use of prefabrication: Limited; precast panels



Stanislaus County Public Safety Center

Responsible official: Sheriff, Stanislaus County

Contact: George Lake, Lt. Facility Commander, Stanislaus County Public Safety Center, 200 East Hackett Road, Modesto, CA 95351, 209-558-1054

Architect: SMP/The Design Partnership Joint Venture, 375 Fremont, Suite 200, San Francisco, CA 94105, 415-777-3737

Construction Manager: O'Brien-Kreitzberg, 200 East Hackett Road, Modesto, CA 95351, 209-541-2900

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Rural
Amount of land: 100 acres

Dimensions

Total GSF: 99,000
Total NSF: Unknown
Corrections GSF: 99,000
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 337
GSF per inmate (current): 544
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 70 (single)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Wood, steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Carpet, sealed concrete, vinyl tile
Intercom: Two-way to cells and common areas, inmate duress alarm
HVAC: Hot/chilled HVAC system
Plumbing: Stainless steel, china
Furniture: Wood, vinyl/plastic
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Special security

Time

Groundbreaking: November 1990
Finish date: August 1992
Construction time: 21 months

Costs

Total: \$19,219,000
Building only: \$17,707,000
Final construction cost: Unknown
Housing area: \$16,831,000
Housing per inmate: \$75,138
Housing per cell: \$75,138
Total per inmate: \$65,371
Total per GSF: \$194.13
Total per NSF: Unknown
Total annual operating costs: \$2,300,000

Construction type

Structural: Concrete block
Exterior walls: CMU block
Interior walls: CMU block, plaster
Exterior surface or facade: CMU block
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, satellite/cable

Inmate design capacity

General population

Single occupancy: 224
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 70
Double occupancy: 0
Dorms: 0

Total design: 294

Current population: March 1993: 182

Inmate housing areas

Design: Modular/pod
Cells per unit: 56
Inmates per unit (design): 56
Inmates per unit (current): 56
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Federal court imposed cap

Total officers per unit

Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds, local general fund
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only; costs included

Inmate security level

Maximum: 24%
Medium: 76%
Minimum: 0

Current staff

Full-time equivalent

Administration: 1
Security: 38
Programs and treatment: 0
Maintenance: 2
Total: 41
Current inmate/staff ratio: 4.4:1
Contracted services: N/A

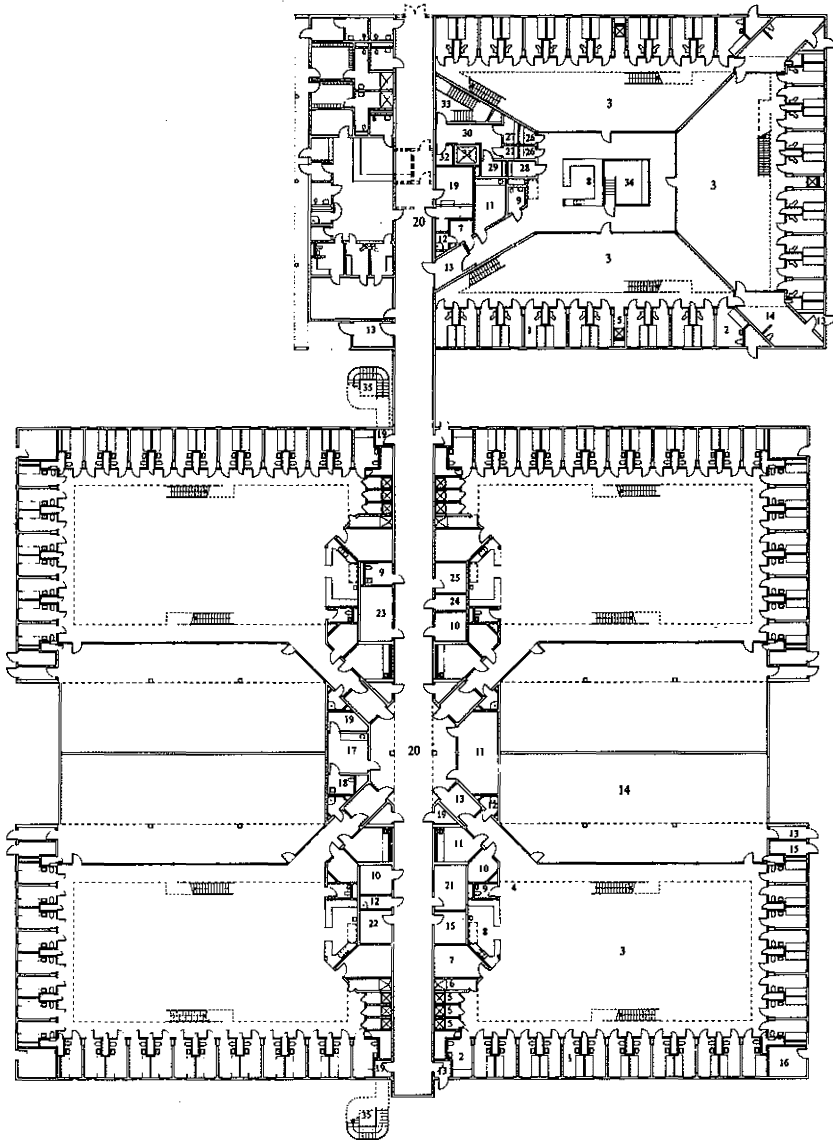
Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition, less expensive materials
Negative: N/A

Factors affecting time schedule

Positive: Simple construction methods
Negative: N/A

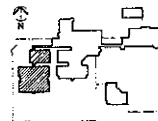


SPECIAL HOUSING

LEGEND

- 1. Typical Cell
- 2. Handicapped Cell
- 3. Dayroom/Dining
- 4. Staff Station
- 5. Shower
- 6. Handicapped Shower
- 7. Laundry Holding
- 8. Food Service Pantry
- 9. Staff Toilet
- 10. Interview
- 11. Multipurpose
- 12. Janitor's Closet
- 13. Sally Port
- 14. Outdoor Rec. Yard
- 15. Electrical
- 16. Mechanical
- 17. Exam Room
- 18. Exam Toilet
- 19. Storage
- 20. Inmate Corridor
- 21. Staff Office
- 22. Linen Storage
- 23. Staff Break Room
- 24. Trash Room
- 25. Communications
- 26. Inmate Visiting Booth
- 27. Visitor's Booth
- 28. Handicapped Inmate Visiting Booth
- 29. Handicapped Visitor's Booth
- 30. Visitor's Lobby
- 31. Elevator
- 32. Elevator Equipment
- 33. Stair
- 34. Control Room
- 35. Exit Stair

MEDIUM SECURITY HOUSING



INMATE HOUSING - LOWER LEVEL



West Valley Detention Center

Responsible official: Sheriff, San Bernadino County

Contact: Ronald W. Bieberdorf, Captain, West Valley Detention Center, 9500 Etiwanda Avenue, Rancho Cucamonga, CA 91739, 714-463-5010

Architect: Rosser Justice Systems, 524 West Peachtree Street, Atlanta, GA 30308, 404-876-3800

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

Facility type: County jail
Jurisdiction type: Federal, State, county
Commitment type: Pretrial, sentenced
Category: New construction (independent facility), phased project (future)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Urban
Amount of land: 55 acres

Dimensions

Total GSF: 726,000
Total NSF: 442,000
Corrections GSF: 726,000
Corrections NSF: 442,000
Housing area GSF: 705,000
Housing area NSF: Unknown
GSF per inmate (design): 317
GSF per inmate (current): 323
NSF per inmate (design): 193
NSF per inmate (current): 196
Size of cells: 82 (single and double)
Net/gross square feet: 61%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Two-way to cells and common areas, inmate duress alarm, general paging to all areas
HVAC: Gas heat, forced air, ice storage system
Plumbing: Stainless steel
Furniture: Steel, vinyl/plastic
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: January 1989
Finish date: July 1991
Construction time: 31 months

Costs

Total: \$96,340,000
Building only: \$88,443,000
Final construction cost: Higher
Housing area: \$59,600,000
Housing per inmate: \$27,289
Housing per cell: \$50,253
Total per inmate: \$42,033
Total per GSF: \$132.70
Total per NSF: \$218.00
Total annual operating costs: \$27,180,000

Construction type

Structural: Steel frame, cast-in-place concrete frame, load-bearing CMU block
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block, E.I.S.
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, satellite/cable, watch tower system, metal detection

Inmate design capacity

General population
Single occupancy: 400
Double occupancy: 1,400
Dorms: 384
Special population
Single occupancy: 42
Double occupancy: 66
Dorms: 0
Total design: 2,292
Current population: February 1993: 2,251

Inmate housing areas

Design: Modular/pod
Cells per unit: 74
Inmates per unit (design): 144
Inmates per unit (current): 144
Management type (design): Remote surveillance
Management type (current): Direct supervision
Means to handle crowding: Transfer to another facility, mattresses on floor, second bunk permanently attached
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

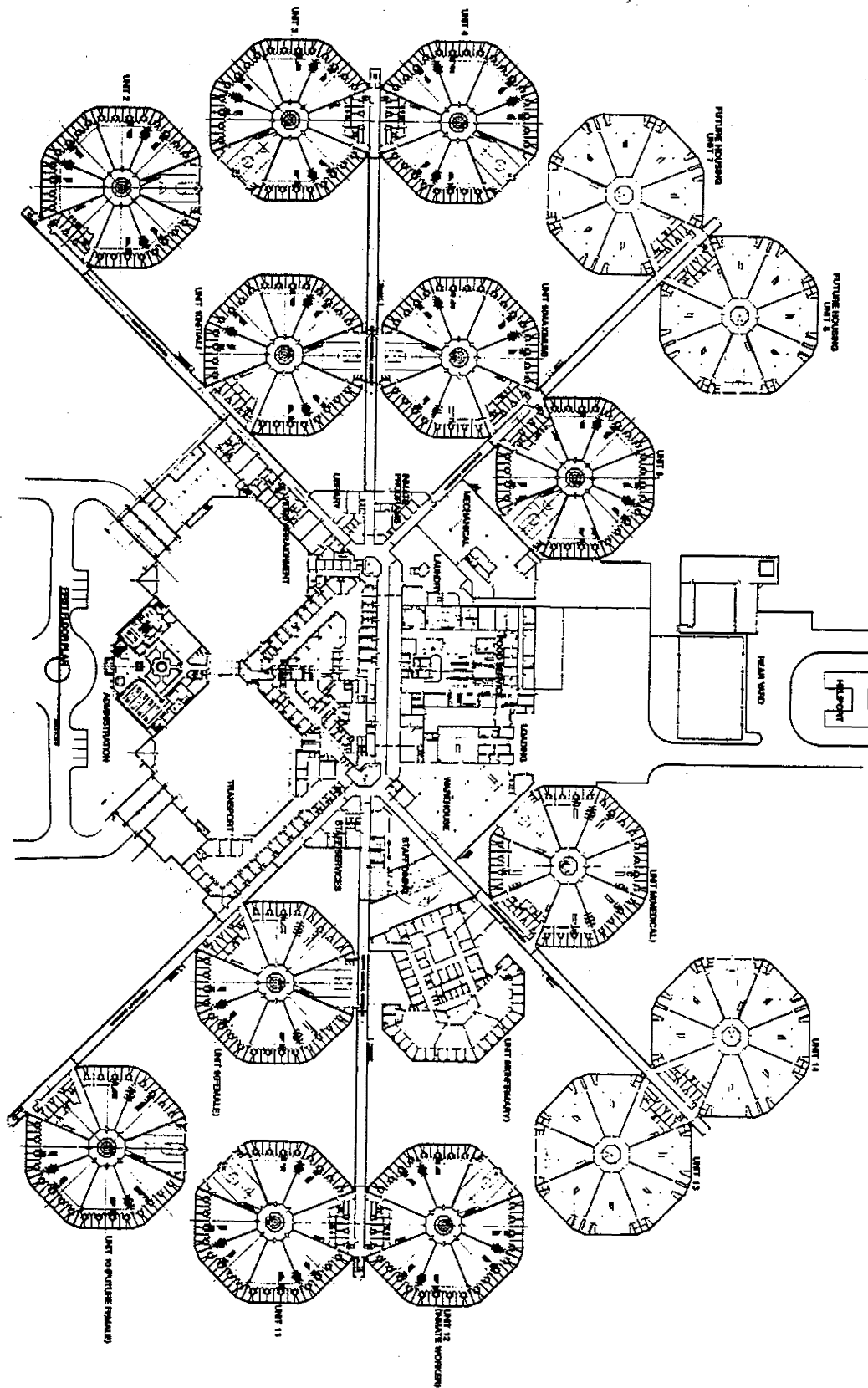
Perimeter: Building exterior only, single fence, video camera surveillance; costs included
Inmate security level
Maximum: 18%
Medium: 64%
Minimum: 18%

Current staff

Full-time equivalent
Administration: 8
Security: 290
Programs and treatment: 142
Maintenance: 15
Total: 455
Current inmate/staff ratio: 4.9:1
Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, less expensive materials
Negative: Slow construction and lengthy building time, high labor costs
Factors affecting time schedule
Positive: Simple construction methods, phased construction (fast track)
Negative: Complex electronic, mechanical, and electrical systems



Alamosa County Detention Center

Responsible official: Sheriff, Alamosa County

Contact: Captain John Bianca, Jail Administrator, Alamosa County Detention Center, 1315 17th Street, Alamosa, CO 81101, 719-589-6600

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

Construction Manager: N/A

Facility type: County jail, complex (combined use)
Jurisdiction type: Federal, State, county
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: Law enforcement
Facility location: Rural
Amount of land: 3 acres

Dimensions

Total GSF: 23,295
Total NSF: Unknown
Corrections GSF: 12,098
Corrections NSF: Unknown
Housing area GSF: 12,098
Housing area NSF: 11,579
GSF per inmate (design): 252
GSF per inmate (current): 605
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 70 (single), 140 (double)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Manual locking, solenoid driven and remote locking
Floor surface: Sealed concrete
Intercom: Two-way to cells and common areas
HVAC: Heating/air circulation, solar heat, gas heat
Plumbing: China, stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors for cells and common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: May 1985
Finish date: September 1986
Construction time: 16 months

Costs

Total: \$2,900,000
Building only: Unknown
Final construction cost: Higher
Housing area: \$1,270,290
Housing per inmate: \$31,757
Housing per cell: Unknown
Total per inmate: N/A
Total per GSF: \$124.49
Total per NSF: Unknown
Total annual operating costs: \$428,724

Construction type

Structural: Steel frame, load-bearing CMU block
Exterior walls: CMU block
Interior walls: Cast-in-place concrete, CMU block, steel stud, drywall
Exterior surface or facade: Stucco, natural wall, fluted concrete block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, AM-FM broadcast radio, UHF television

Inmate design capacity

General population

Single occupancy: 14
Double occupancy: 14
Dorms: 12

Special population

Single occupancy: 4
Double occupancy: 4
Dorms: 0
Total design: 48
Current population: December 1991: 20

Inmate housing areas

Design: Modular/pod
Cells per unit: 25
Inmates per unit (design): 44
Inmates per unit (current): Unknown
Management type (design): Remote surveillance, direct supervision
Management type (current): Remote surveillance
Means to handle crowding: N/A

Total officers per unit

Day: 3
Evening: 2
Midnight: 2

Construction process

Contract method: Conventional design-bid-build
Finance method: Local general obligation bonds, fixed financing rate
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only, razor wire on fence(s), video camera surveillance; costs excluded

Inmate security level

Maximum: 35.3%
Medium: 31.4%
Minimum: 33.3%

Current staff

Full-time equivalent

Administration: 1
Security: 16
Programs and treatment: 0
Maintenance: 2
Total: 19
Current inmate/staff ratio: 1:1
Contracted services: Unknown

Architect's reported analysis

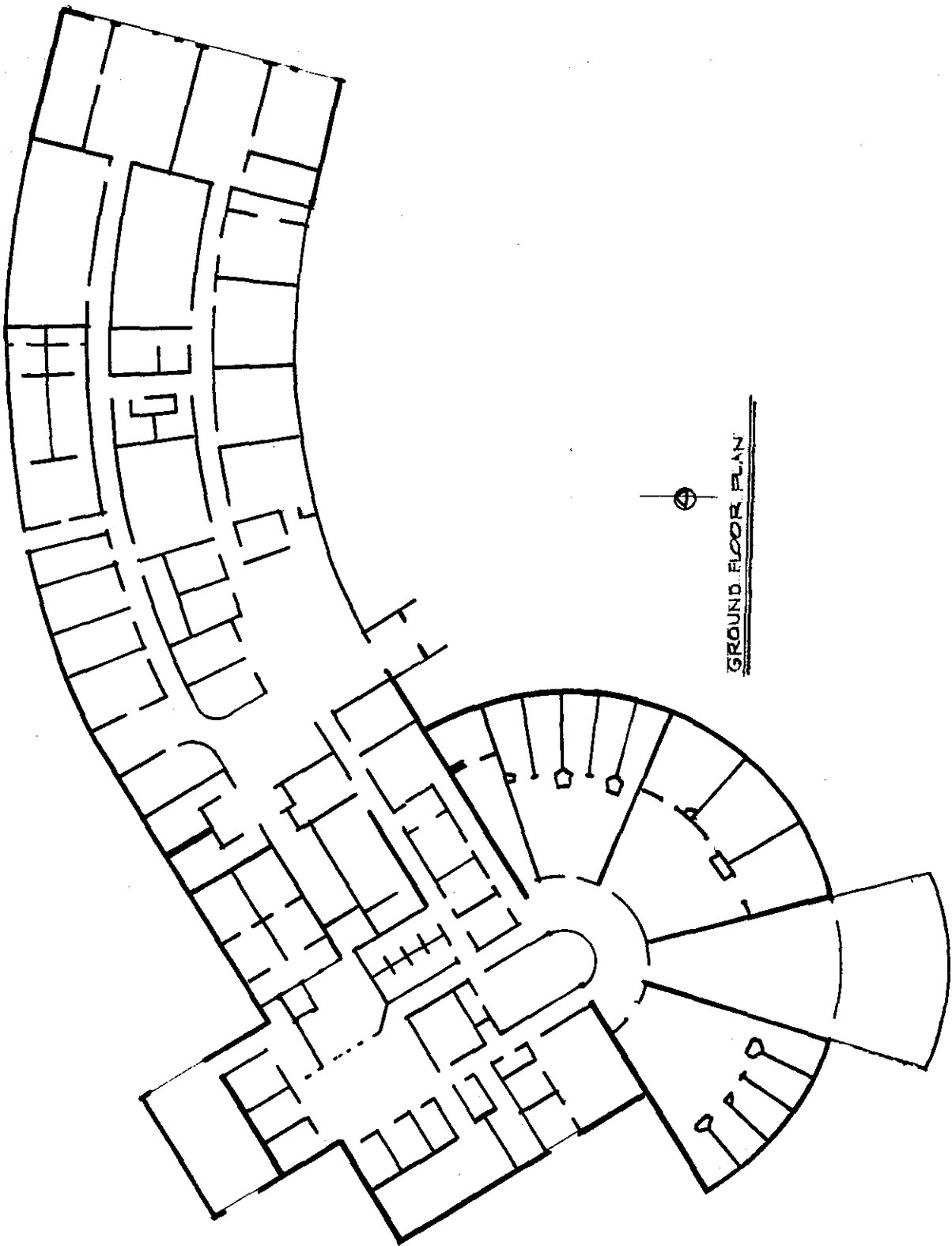
Factors affecting construction costs

Positive: Simple construction methods, continuous participation by design architect

Negative: Prefabricated "specialized detention" equipment

Factors affecting time schedule

Positive: Simple construction methods, advanced order of materials, coordination of design, continuous architectural supervision in the field
Negative: Slow response or delivery from vendor/supplier



Arapahoe County Justice Center

Responsible official: Sheriff, Arapahoe County

Contact: Frank W. Henn, Captain, Arapahoe County Justice Center, 7375 South Potomac Street, Englewood, CO 80112-4030, 303-649-0960

Architect: Daniel, Mann, Johnson & Mendenhall, 410 17th Street, Suite 300, Denver, CO 80202, 303-842-1300

Construction Manager: CRSS Constructors, Inc., 216 16th Street Mall, Suite 1700, Denver, CO 80202, 303-820-5200

Facility type: County jail, complex (combined use)
Jurisdiction type: State, county
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Clusters
Complex use: Courts
Facility location: Suburb
Amount of land: 42 acres

Dimensions
Total GSF: 360,000
Total NSF: 315,000
Corrections GSF: 208,000
Corrections NSF: 182,000
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 287
GSF per inmate (current): 265
NSF per inmate (design): 251
NSF per inmate (current): 232
Size of cells: 74 (single and double)
Net/gross square feet: 88%

Inmate cells
Door material(s): Steel
Type(s) of doors: Sliding
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Two-way to cells and common areas
HVAC: Other energy recycle unit, hot water
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit and special security

Time
Groundbreaking: December 1984
Finish date: January 1987
Construction time: 25 months

Costs
Total: \$31,589,293
Building only: \$28,914,933
Final construction cost: Lower
Housing area: \$15,857,350
Housing per inmate: \$24,063
Housing per cell: \$39,251
Total per inmate: N/A
Total per GSF: \$87.75
Total per NSF: \$100.28
Total annual operating costs: \$12,449,767

Construction type
Structural: Steel frame, load-bearing masonry
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: Brick, CMU block
Electronic technology systems: CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity
General population
Single occupancy: 49
Double occupancy: 610
Dorms: 0
Special population
Single occupancy: 35
Double occupancy: 30
Dorms: 0
Total design: 724
Current population: March 1993: 786

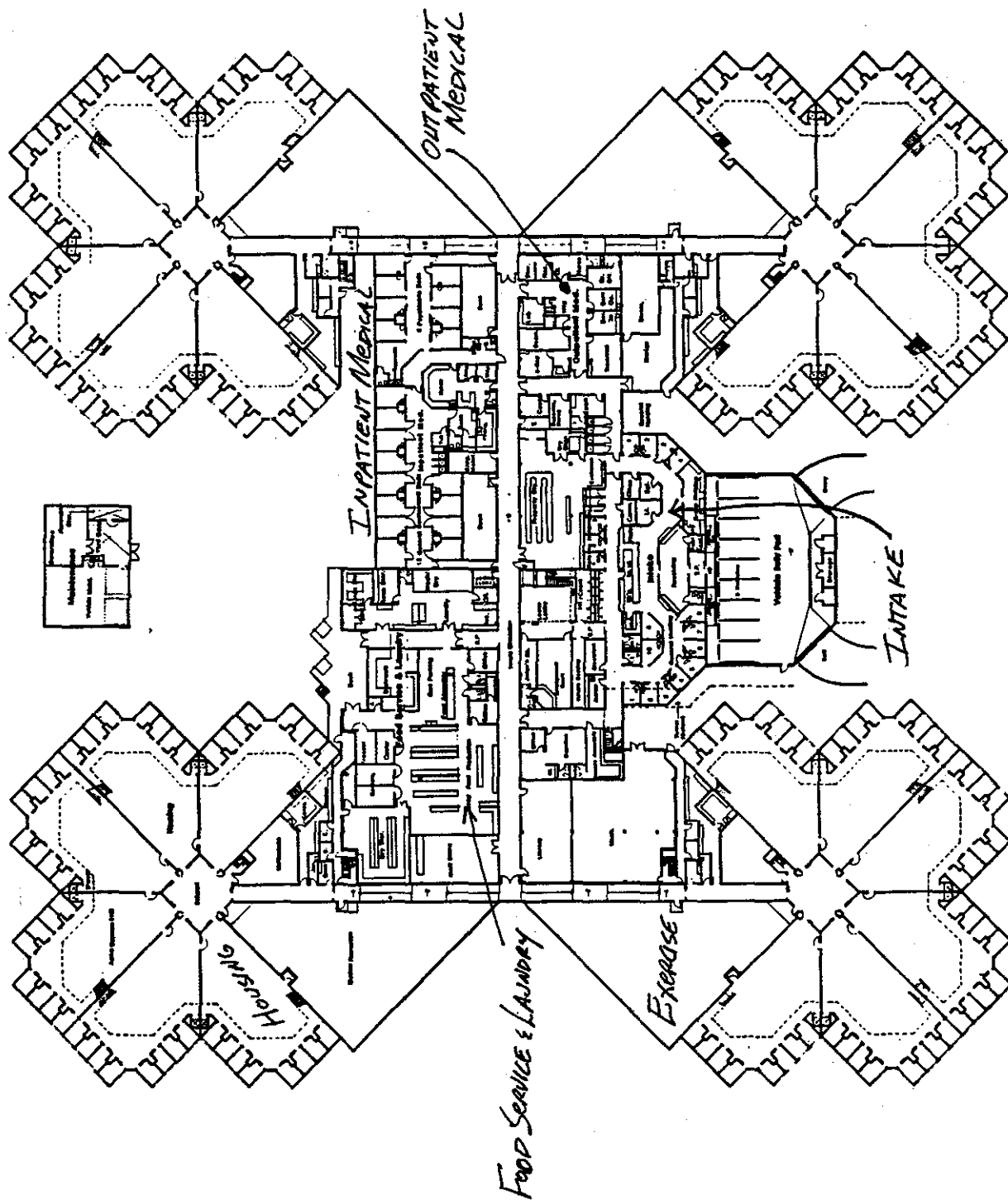
Inmate housing areas
Design: Modular/pod
Cells per unit: 16
Inmates per unit (design): 16
Inmates per unit (current): 16
Management type (design): Remote surveillance
Management type (current): Direct supervision
Means to handle crowding: Second bunk permanently attached to wall
Total officers per unit
Day: 4
Evening: 4
Midnight: 1

Construction process
Contract method: Multiple bid packages (fast track)
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: Limited; precast roof and floor tees

Security
Perimeter: Building exterior only; costs included
Inmate security level
Maximum: 100%
Medium: 0
Minimum: 0

Current staff
Full-time equivalent
Administration: 4
Security: 166
Programs and treatment: 10
Maintenance: 63
Total: 242
Current inmate/staff ratio: 3.2:1
Contracted services: Medical, food, library, commissary

Architect's reported analysis
Factors affecting construction costs
Positive: Simple construction methods, phased construction (fast track)
Negative: N/A
Factors affecting time schedule
Positive: Phased construction (fast track)
Negative: N/A



Boulder County Jail

Responsible official: Sheriff, Boulder County

Contact: Charles Pringle, Captain, Boulder County Jail, 3200 Airport Road, Boulder, CO 80302, 303-441-3634

Architect: Lescher & Mahoney, 102 North Cascade, Suite 300, Colorado Springs, CO 80903, 719-634-1842

Construction Manager: G.E. Johnson, P.O. Box 2139, Colorado Springs, CO 80901, 719-473-5320

Facility type: County jail
Jurisdiction type: State, county
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Courtyard
Complex use: N/A
Facility location: Urban
Amount of land: 15 acres

Dimensions

Total GSF: 104,000
Total NSF: 74,620
Corrections GSF: 104,000
Corrections NSF: 74,620
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 334
GSF per inmate (current): 374
NSF per inmate (design): 240
NSF per inmate (current): 268
Size of cells: 76 (single and double),
1,390 (dorm)
Net/gross square feet: 72%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking, manual locking
Floor surface: Carpet, vinyl tile
Intercom: Two-way to cells
HVAC: Gas heat, air-conditioning
Plumbing: Stainless steel, china
Furniture: Steel, wood, vinyl/plastic
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: August 1986
Finish date: August 1988
Construction time: 18 months

Costs

Total: \$14,250,000
Building only: \$10,639,000
Final construction cost: Higher
Housing area: \$4,250,000
Housing per inmate: \$19,585
Housing per cell: Unknown
Total per inmate: \$45,820
Total per GSF: \$137.02
Total per NSF: \$190.97
Total annual operating costs: \$3,803,342

Construction type

Structural: Load-bearing precast panels, precast concrete frame
Exterior walls: Precast panels
Interior walls: Precast panels, CMU block, drywall, glass
Exterior surface or facade: Colored concrete
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population
Single occupancy: 136
Double occupancy: 48
Dorms: 34
Special population
Single occupancy: 31
Double occupancy: 0
Dorms: 62
Total design: 311
Current population: February 1993: 278

Inmate housing areas

Design: Modular/pod
Cells per unit: 48
Inmates per unit (design): 48
Inmates per unit (current): 48
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: CM/GC with guaranteed maximum price
Finance method: Lease-purchase
Use of inmate labor: None
Use of prefabrication: Limited

Security

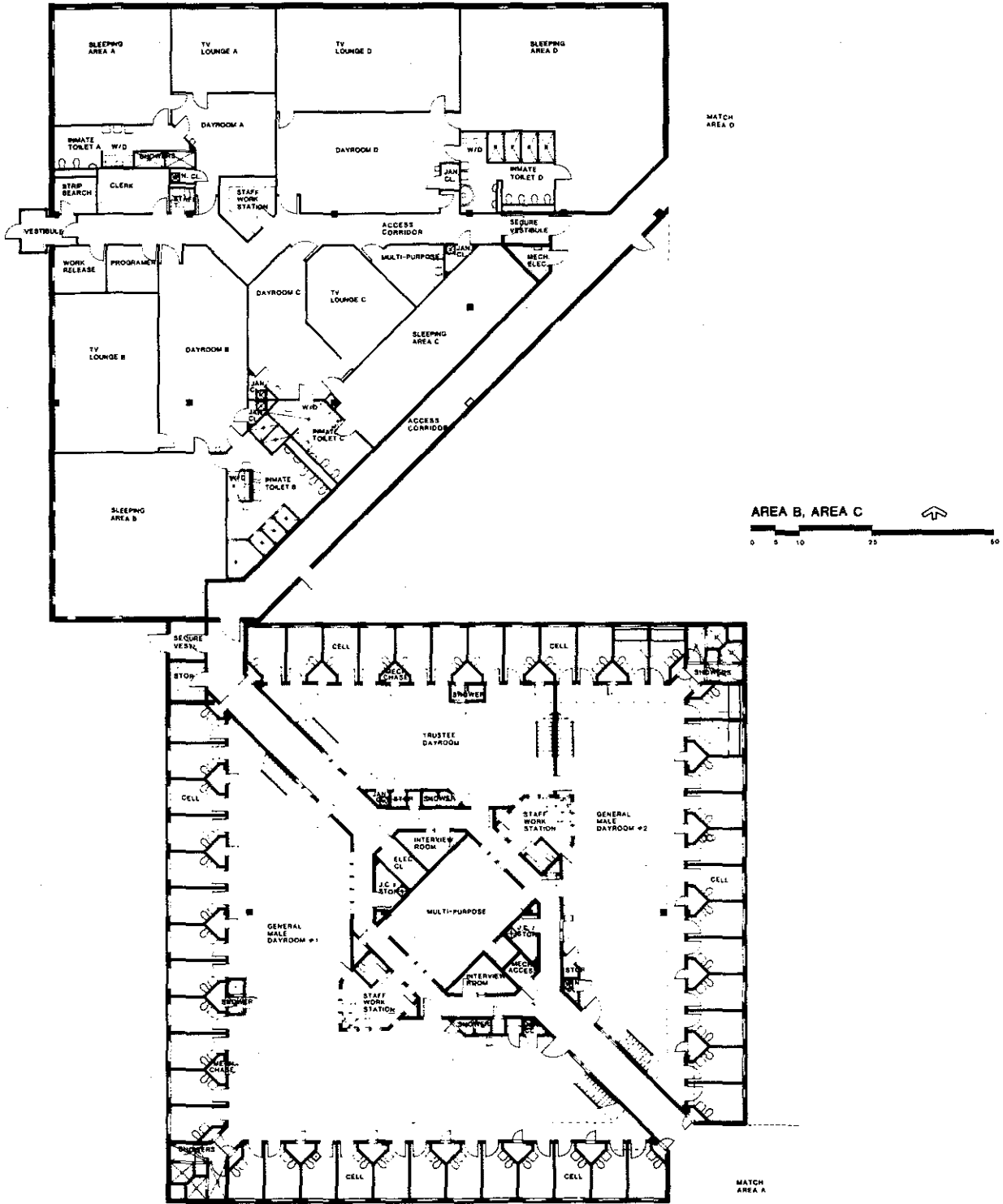
Perimeter: Building exterior only, perimeter patrols and detection/alarm, video camera surveillance; costs included
Inmate security level
Maximum: 28%
Medium: 30%
Minimum: 42%

Current staff

Full-time equivalent
Administration: 6
Security: 81
Programs and treatment: 22
Maintenance: 2
Total: 111
Current inmate/staff ratio: 2.5:1
Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs
Positive: Prefabricated components, simple construction methods
Negative: Slow construction and lengthy building time, difficult site conditions
Factors affecting time schedule
Positive: Prefabricated components, simple construction methods, advanced order of materials, coordination of design
Negative: Weather problems, client changes



Denver Reception and Diagnostic Center

Responsible official: Executive Director, Colorado Department of Corrections

Contact: Donice Neal, Warden, Denver Reception and Diagnostic Center, 10900 East Smith Road, Denver, CO 80239, 303-375-2000

Architect: Hoover, Berg, Desmond, 1645 Grant Street, Denver, CO 80202, 303-837-8811

Construction Manager: CRSS Constructors, Inc., 216 16th Street Mall, Suite 1700, Denver, CO 80202, 303-820-5200

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Courtyard
Complex use: N/A
Facility location: Suburb
Amount of land: 67 acres

Dimensions

Total GSF: 273,523
Total NSF: Unknown
Corrections GSF: 273,523
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 589
GSF per inmate (current): 622
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 72 (single and double)
Net/gross square feet: Unknown

Inmate design capacity

General population

Single occupancy: 292
Double occupancy: 88
Dorms: 0

Special population

Single occupancy: 52
Double occupancy: 32
Dorms: 0

Total design: 464
Current population: March 1992: 440

Inmate housing areas

Design: Modular/pod
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Remote surveillance
Means to handle crowding: Second bunk permanently attached
Total officers per unit
Day: 2
Evening: 2
Midnight: 2

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: Proceeds from State lotto
Use of inmate labor: None
Use of prefabrication: Limited; precast wall panels and floor

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote and manual locking
Floor surface: Sealed concrete, colored concrete
Intercom: Two-way to cells and common areas, inmate duress alarm
HVAC: Hot water
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Special security

Security

Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on and between fence(s), towers, video camera surveillance; fence shaker; costs excluded
Inmate security level
Maximum: 13%
Medium: 87%
Minimum: 0

Current staff

Full-time equivalent

Administration: 20
Security: 134
Programs and treatment: 80
Maintenance: 26
Total: 260
Current inmate/staff ratio: 1.7:1
Contracted services: Food

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, phased construction (fast track); good competition
Negative: N/A

Factors affecting time schedule

Positive: Simple construction methods, phased construction (fast track)
Negative: Complex electronic, mechanical, and electrical systems

Time

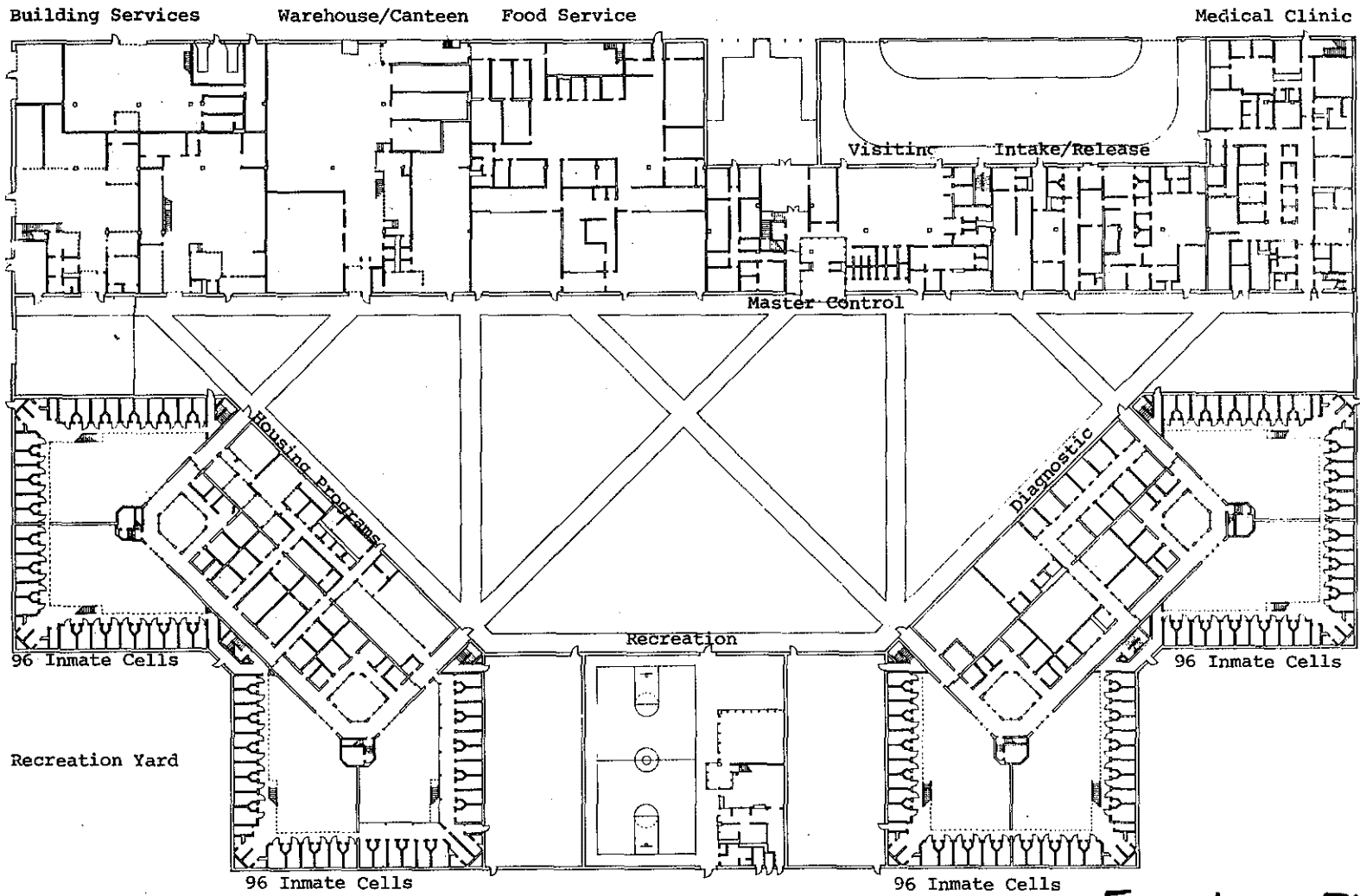
Groundbreaking: February 1989
Finish date: February 1991
Construction time: 23 months

Costs

Total: \$36,000,000
Building only: \$32,300,000
Final construction cost: Lower
Housing area: \$18,000,000
Housing per inmate: \$47,368
Housing per cell: \$53,571
Total per inmate: \$77,586
Total per GSF: \$131.62
Total per NSF: Unknown
Total annual operating costs: \$12,193,978

Construction type

Structural: Load-bearing precast panels, steel frame, precast concrete frame, load-bearing structural masonry
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm, satellite/cable, facility management system



FIRST LEVEL PLAN

Huerfano County Law Enforcement Center

Responsible official: Sheriff, Huerfano County

Contact: Harold Martinez, Sheriff, Huerfano County Law Enforcement Center, 111 West Fifth Street, Walsenburg, CO 81089, 719-738-1600

Architect: E. George Wynn-Architect, 52499 County Road "T," Saguache, CO 81149, 719-655-2247

Construction Manager: N/A

Facility type: County jail, complex (combined use)
Jurisdiction type: State, county
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: Law enforcement
Facility location: Urban
Amount of land: 1 acre

Dimensions

Total GSF: 16,381
Total NSF: Unknown
Corrections GSF: 11,606
Corrections NSF: Unknown
Housing area GSF: 9,166
Housing area NSF: 5,674
GSF per inmate (design): 431
GSF per inmate (current): 712
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 79.1 (single), 104 (double)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote and manual locking
Floor surface: Lino/sheet vinyl, carpet, sealed concrete, vinyl tile
Intercom: Two-way to cells and common areas, inmate duress alarm, medical and judicial duress alarm
HVAC: Gas heat, forced air, prewash, air handling, recirculating and fresh air
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors for common areas, manual alarm stations, duct-fire and smoke detectors
Windows: Slit

Inmate design capacity

General population
Single occupancy: 3
Double occupancy: 32
Dorms: 0
Special population
Single occupancy: 2
Double occupancy: 2
Dorms: 0
Total design: 39
Current population: January 1993: 23

Inmate housing areas

Design: Circular, cells on outside wall
Cells per unit: 16
Inmates per unit (design): 32
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Remote surveillance
Means to handle crowding: Transfer to another facility
Total officers per unit
Day: 3
Evening: 3
Midnight: 2

Construction process

Contract method: Conventional design-bid-build
Finance method: Local special, time-limited tax levy
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only, double fence, razor wire on and between fence(s), video camera surveillance; costs included
Inmate security level
Maximum: 19%
Medium: 25%
Minimum: 25%
Special handling and female: 31%

Current staff

Full-time equivalent
Administration: 1
Security: 10
Programs and treatment: 0
Maintenance: 0
Total: 11
Current inmate/staff ratio: 2.1:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs
Positive: N/A
Negative: N/A
Factors affecting time schedule
Positive: N/A
Negative: N/A

Time

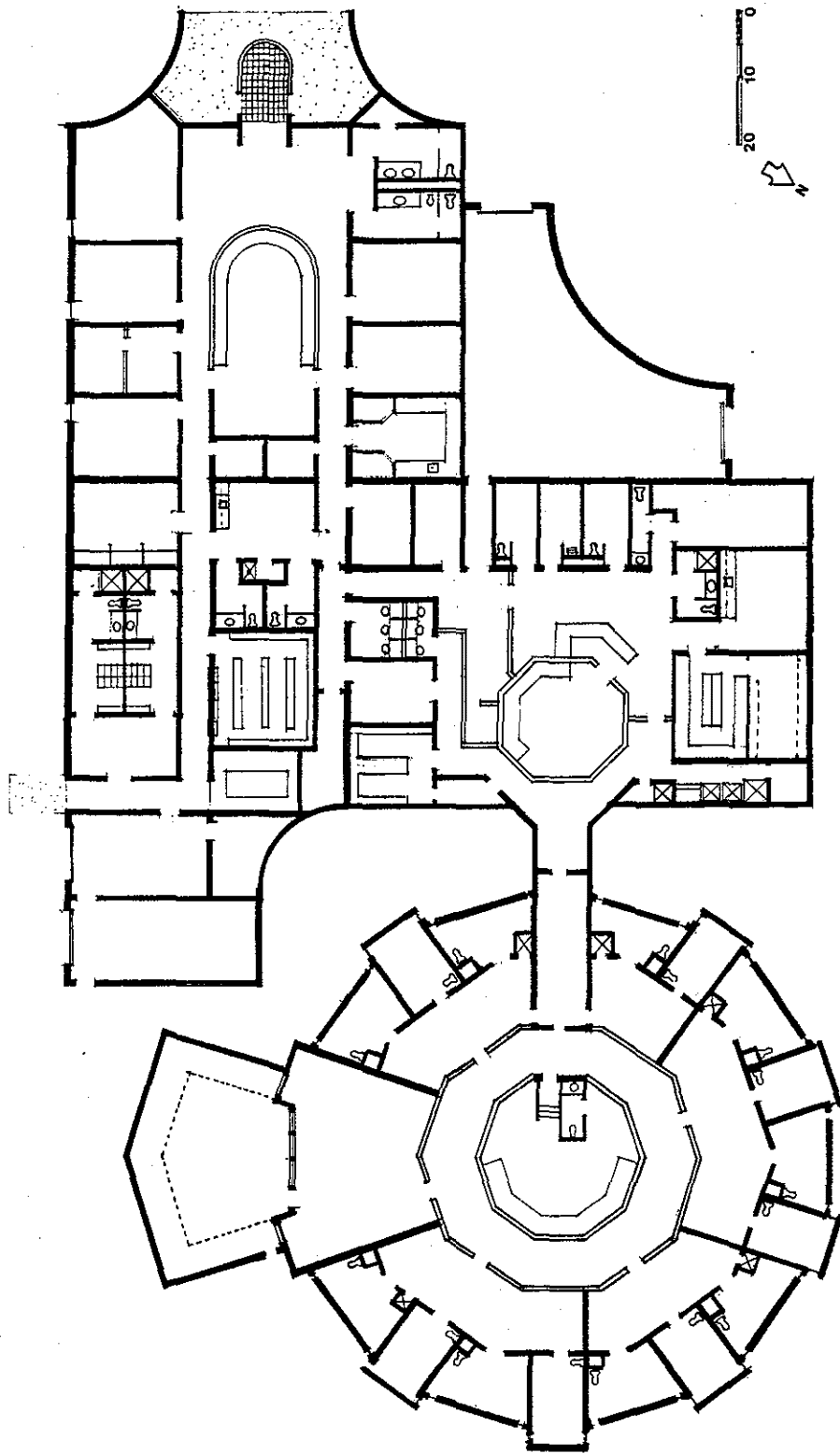
Groundbreaking: August 1988
Finish date: September 1989
Construction time: 13 months

Costs

Total: \$1,780,000
Building only: \$1,780,000
Final construction cost: Unknown
Housing area: \$1,334,575
Housing per inmate: \$38,131
Housing per cell: \$70,241
Total per inmate: N/A
Total per GSF: \$108.66
Total per NSF: Unknown
Total annual operating costs: \$297,826

Construction type

Structural: Steel frame, load-bearing CMU block
Exterior walls: Cast-in-place concrete, CMU block
Interior walls: Cast-in-place concrete, CMU block, metal stud/drywall/plaster
Exterior surface or facade: CMU block (textured)
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, AM-FM radio-network, TV radio dispatch-sheriff's department



Mesa County Detention Facility

Responsible official: Sheriff, Mesa County

Contact: Dennis Berry, Administrator of Detention, Mesa County Detention Facility, 215 Rice Street, Grand Junction, CO 81501, 303-244-3352

Architect: H.D.R., Inc., 12700 Hillcrest Road, Dallas, TX 75230-2096, 214-960-4000

Construction Manager: G.E. Johnson Construction, Box 2139, Colorado Springs, CO 80901, 719-473-5321

Facility type: County jail, complex (combined use)

Jurisdiction type: Federal, State, county

Commitment type: Pretrial, sentenced

Category: New construction (separate but ancillary building)

Building configuration: Integrated structure

Complex use: Law enforcement

Facility location: Urban

Amount of land: 10 acres

Dimensions

Total GSF: 118,543

Total NSF: Unknown

Corrections GSF: 93,438

Corrections NSF: Unknown

Housing area GSF: 44,522

Housing area NSF: Unknown

GSF per inmate (design): 487

GSF per inmate (current): 754

NSF per inmate (design): Unknown

NSF per inmate (current): Unknown

Size of cells: 70 (single)

Net/gross square feet: Unknown

Inmate cells

Door material(s): Wood, steel

Type(s) of doors: Swinging, sliding

Type(s) of locks: Manual locking, motor driven and remote locking

Floor surface: Carpet, sealed concrete, vinyl tile

Intercom: Two-way to cells

HVAC: Gas heat, forced air

Plumbing: Stainless steel, china

Furniture: Steel, vinyl/plastic, concrete

Fire protection: Smoke detectors for common areas, sprinklers for cells and common areas, manual alarm stations

Windows: Special security

Time

Groundbreaking: September 1990

Finish date: June 1992

Construction time: 21 months

Costs

Total: \$15,700,000

Building only: Unknown

Final construction cost: Higher

Housing area: Unknown

Housing per inmate: Unknown

Housing per cell: Unknown

Total per inmate: N/A

Total per GSF: \$132.44

Total per NSF: Unknown

Total annual operating costs: \$2,527,471

Construction type

Structural: Load-bearing precast panels, precast concrete frame and cells

Exterior walls: Precast panels

Interior walls: Precast panels, CMU block

Exterior surface or facade: Exposed aggregate/tinted

Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels

Inmate design capacity

General population

Single occupancy: 164

Double occupancy: 0

Dorms: 0

Special population

Single occupancy: 28

Double occupancy: 0

Dorms: 0

Total design: 192

Current population: January 1992: 124

Inmate housing areas

Design: Modular/pod

Cells per unit: 96

Inmates per unit (design): 96

Inmates per unit (current): 96

Management type (design): Remote surveillance, direct supervision

Management type (current): Direct supervision

Means to handle crowding: Alternative sentencing

Total officers per unit

Day: 1

Evening: 1

Midnight: 1

Construction process

Contract method: Multiple bid packages (fast track)

Finance method: Lease-purchase

Use of inmate labor: None

Use of prefabrication: Extensive; precast concrete panels, plumbing stacks, air handling equipment

Security

Perimeter: Building exterior only, single fence, video camera surveillance; costs included

Inmate security level

Maximum: 8%

Medium: 16%

Minimum: 76%

Current staff

Full-time equivalent

Administration: 9

Security: 47

Programs and treatment: 11

Maintenance: 1

Total: 68

Current inmate/staff ratio: 1.8:1

Contracted services: Medical, dietician

Architect's reported analysis

Factors affecting construction costs

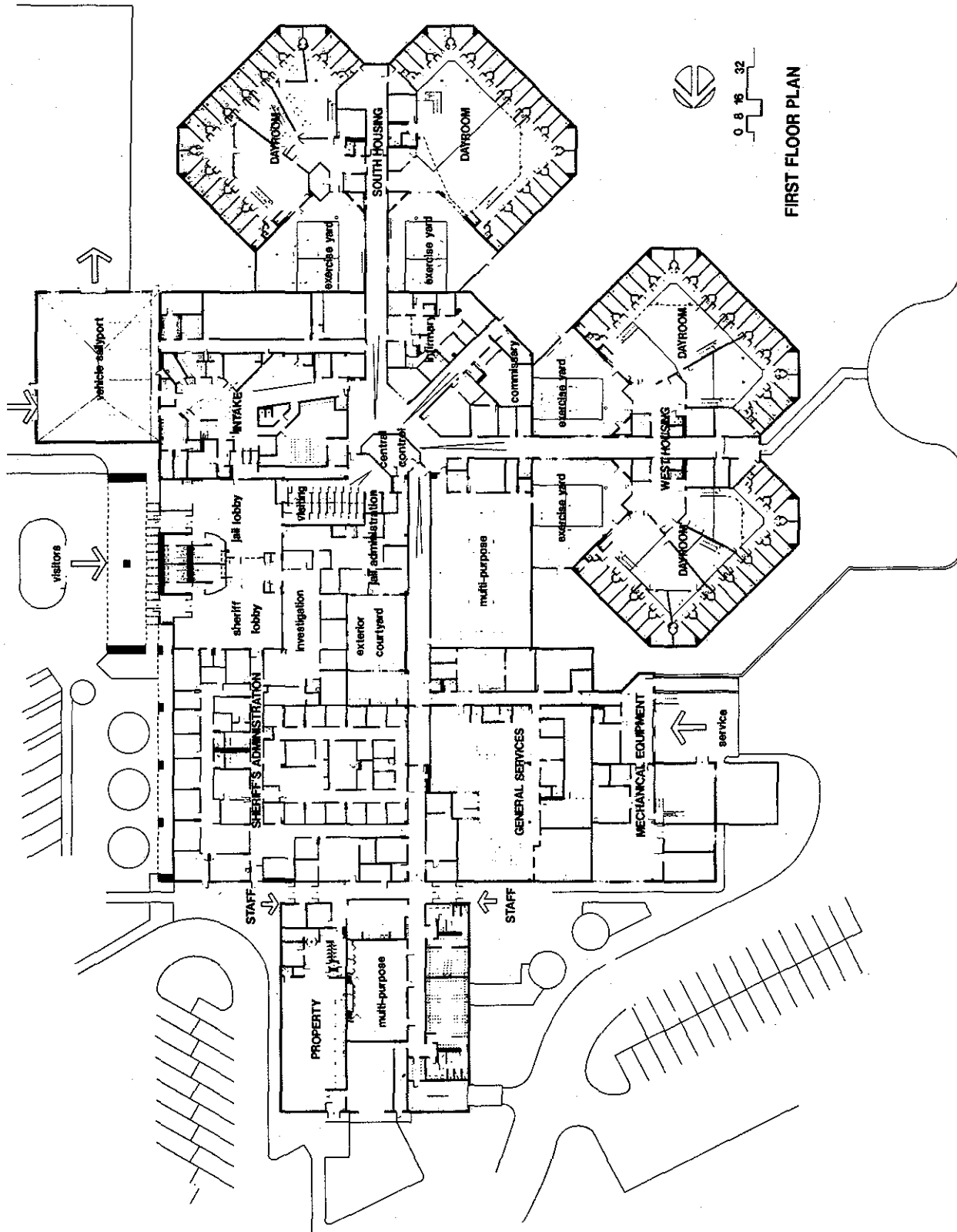
Positive: Simple construction methods

Negative: Phased construction, fast track management

Factors affecting time schedule

Positive: Simple construction methods

Negative: Phased construction, fast track management, contaminated soil



Pueblo County Detention Facility—Work Release

Responsible official: Sheriff, Pueblo County

Contact: Warren Carere, Facility Administrator, Pueblo County Detention Facility—Work Release, 909 Court Street, Pueblo, CO 81003, 719-546-6135

Architect: Hurtig, Gardner & Froilich Architects, Inc., 429 West 10th Street, Pueblo, CO 81003

Construction Manager: N/A

Facility type: County jail, work release
Jurisdiction type: County
Commitment type: Sentenced, work release
Category: Expansion
Building configuration: Highrise
Complex use: N/A
Facility location: Urban
Amount of land: N/A

Dimensions

Total GSF: 2,600
Total NSF: 2,560
Corrections GSF: 2,600
Corrections NSF: 2,560
Housing area GSF: 2,600
Housing area NSF: 2,560
GSF per inmate (design): 93
GSF per inmate (current): 124
NSF per inmate (design): 91
NSF per inmate (current): 122
Size of cells: 2,400 (dorm)
Net/gross square feet: 98.5%

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 28

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 28

Current population: December 1991: 21

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 1
Inmates per unit (design): 28
Inmates per unit (current): 21
Management type (design): Remote surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: N/A
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking
Floor surface: Epoxy coating
Intercom: Two-way to common areas
HVAC: Air-conditioning, gas heat
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Manual alarm stations
Windows: Slit

Security

Perimeter: Building exterior only; costs excluded

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 3
Security: 100
Programs and treatment: 12
Maintenance: 6
Total: 121

Current inmate/staff ratio: Unknown

Contracted services: Food

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods
Negative: Difficult site conditions

Factors affecting time schedule

Positive: Simple construction methods, coordination of design
Negative: N/A

Time

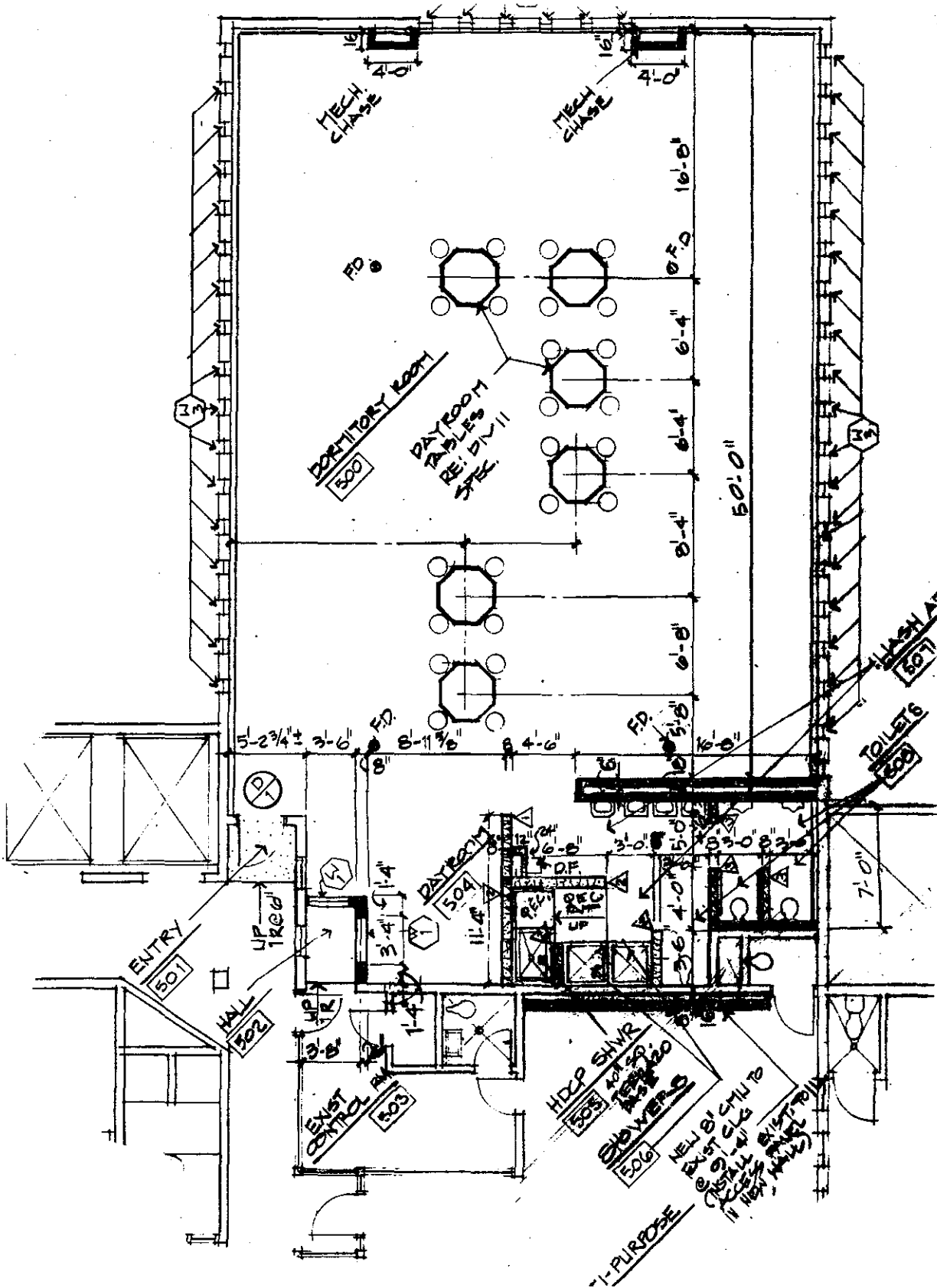
Groundbreaking: September 1990
Finish date: December 1990
Construction time: 4 months

Costs

Total: Unknown
Building only: Unknown
Final construction cost: Unknown
Housing area: \$234,000
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: Unknown
Total per GSF: Unknown
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Precast concrete frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Staff intercommunication, paging and sound system, door control/monitoring, card access



Saguache County Jail

Responsible official: Sheriff, Saguache County

Contact: Ronald Franz, Jail Administrator, Saguache County Jail, 530 Fifth Street, Saguache, CO 81149-0265, 719-655-2544

Architect: Larry Zimmer, 530 Fifth Street, Saguache, CO 81149, 719-655-2544

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced, INS
Category: Remodel/renovation, expansion
Building configuration: Integrated structure
Complex use: N/A
Facility location: Rural
Amount of land: Unknown

Dimensions

Total GSF: 800
Total NSF: Unknown
Corrections GSF: 800
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 100
GSF per inmate (current): 100
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 120 (double), 257.5 (dorm)
Net/gross square feet: 100%

Inmate design capacity

General population
Single occupancy: 0
Double occupancy: 2
Dorms: 6

Special population
Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 8
Current population: December 1991: 8

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Intermittent surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: Transfer to another facility

Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Unknown
Finance method: Budgeted with general fund tax money
Use of inmate labor: Extensive; physical labor with compensation (good time)
Use of prefabrication: None

Inmate cells

Door material(s): Unknown
Type(s) of doors: Unknown
Type(s) of locks: Unknown
Floor surface: Sealed concrete
Intercom: Unknown
HVAC: Unknown
Plumbing: Unknown
Furniture: Unknown
Fire protection: Smoke detectors for cells
Windows: Security screens

Security

Perimeter: Building exterior only, single fence; costs included

Inmate security level
Maximum: Unknown
Medium: Unknown
Minimum: Unknown

Current staff

Full-time equivalent

Administration: 1
Security: 3
Programs and treatment: 0
Maintenance: 0
Total: 4

Current inmate/staff ratio: 2:1
Contracted services: Medical, transportation

Architect's reported analysis

Factors affecting construction costs

Positive: Phased construction (fast track)
Negative: Slow construction and lengthy building time

Factors affecting time schedule

Positive: Simple construction methods
Negative: Weather problems

Time

Groundbreaking: Unknown
Finish date: July 1988
Construction time: Unknown

Costs

Total: \$8,000
Building only: \$6,000
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$1,000
Total per GSF: \$10
Total per NSF: \$10
Total annual operating costs: \$107,778

Construction type

Structural: Unknown
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: Natural wall
Electronic technology systems: Unknown

(No floorplan available at time of publication)

Alexander Cybulski Correctional Institution

Responsible official: Commissioner, Connecticut Department of Corrections

Contact: Ed Arrington, Warden-CRCI, Alexander Cybulski Correctional Institution, 264 Bilton Road, Box 775, Somers, CT 06071, 203-566-1657

Architect: Stecker, LaBau, Arneill, McManus Architects, 80 Glastonbury Boulevard, Glastonbury, CT 06033-4400, 203-657-8077

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Rural
Amount of land: 60

Dimensions

Total GSF: 101,622
Total NSF: 84,096
Corrections GSF: 101,622
Corrections NSF: 84,096
Housing area GSF: 46,000
Housing area NSF: 34,812
GSF per inmate (design): 339
GSF per inmate (current): Unknown
NSF per inmate (design): 280
NSF per inmate (current): Unknown
Size of cells: 100 (double), 207 (dorm)
Net/gross square feet: 83%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote and manual locking
Floor surface: Carpet, vinyl tile, epoxy
Intercom: Two-way to common areas, inmate duress alarm
HVAC: Gas heat, forced air
Plumbing: China
Furniture: Steel, vinyl/plastic
Fire protection: Smoke detectors and sprinklers for common areas, manual alarm stations
Windows: Tempered units in commercial frame, insulating

Time

Groundbreaking: April 1990
Finish date: February 1992
Construction time: 22 months

Costs

Total: \$8,452,000
Building only: \$7,398,707
Final construction cost: Unknown
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$28,173
Total per GSF: \$83.17
Total per NSF: \$100.50
Total annual operating costs: Unknown

Construction type

Structural: Steel frame
Exterior walls: CMU block, brick, metal panel
Interior walls: CMU block, GWB
Exterior surface or facade: Brick, CMU block, metal panel
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 12
Dorms: 288

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 300
Current population: July 1993: 300

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Transfer to another facility

Total officers per unit

Day: 2
Evening: 2
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only, single fence, perimeter patrols, video camera surveillance; costs included

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: 184
Current inmate/staff ratio: 1.6:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition, less expensive materials
Negative: Complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Simple construction methods
Negative: Slow response or delivery from vendor/supplier; complex electronic, mechanical, and electrical systems

(No floorplan available at time of publication)

Garner Correctional Institution

Responsible official: Commissioner, Connecticut Department of Correction

Contact: Frank Crose, Warden, Garner Correctional Institute, 817 Sandy Hook, CT 06482, 203-270-2800

Architect: Rosser Justice Systems, 524 West Peachtree Street, Atlanta, GA 30308, 404-876-3800

Construction Manager: Turner Construction, P.O. Box 817, Nunnawauk Road, Sandy Hook, CT 06482, 203-270-0325

Facility type: State prison
Jurisdiction type: State, county, city
Commitment type: Pretrial, sentenced
Category: New construction
(independent facility)
Building configuration: Integrated
structure, courtyard
Complex use: N/A
Facility location: Rural
Amount of land: Unknown

Dimensions

Total GSF: 240,000
Total NSF: 160,000
Corrections GSF: 240,000
Corrections NSF: 160,000
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 313
GSF per inmate (current): 462
NSF per inmate (design): 209
NSF per inmate (current): 308
Size of cells: 80 (single and double), 300
(holding)
Net/gross square feet: 67%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Two-way to common areas,
inmate duress alarm, general paging
throughout
HVAC: Air-conditioning, gas heat, forced
air, heat recovery chiller for domestic
water preheating
Plumbing: Stainless steel, china
Furniture: Steel
Fire protection: Smoke detectors and
sprinklers for cells and common areas,
manual alarm stations
Windows: Slit

Time

Groundbreaking: September 1990
Finish date: November 1992
Construction time: 60 months

Costs

Total: \$39,400,000
Building only: \$37,200,000
Final construction cost: Higher
Housing area: \$19,500,000
Housing per inmate: \$28,098
Housing per cell: \$48,030
Total per inmate: \$51,436
Total per GSF: \$164.17
Total per NSF: \$246.25
Total annual operating costs: Unknown

Construction type

Structural: Steel frame, load-bearing CMU
block
Exterior walls: CMU block
Interior walls: CMU block, metal stud with
gypsum board.
Exterior surface or facade: Natural wall,
CMU block
Electronic technology systems: Lighting
protection, CCTV surveillance, staff
intercommunication, inmate intercom,
paging and sound system, duress/fire
alarm, door control/monitoring, card
access, custom control panels, satellite/
cable, watch tower system, metal detection

Inmate design capacity

General population

Single occupancy: 118
Double occupancy: 576
Dorms: 0

Special population

Single occupancy: 32
Double occupancy: 40
Dorms: 0
Total design: 766
Current population: April, 1993: 520

Inmate housing areas

Design: Modular/pod
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Direct
supervision
Management type (current): Direct
supervision
Means to handle crowding: N/A
Total officers per unit
Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Multiple bid packages
(fast track)
Finance method: State general obligation
bonds
Use of inmate labor: None
Use of prefabrication: None

Security

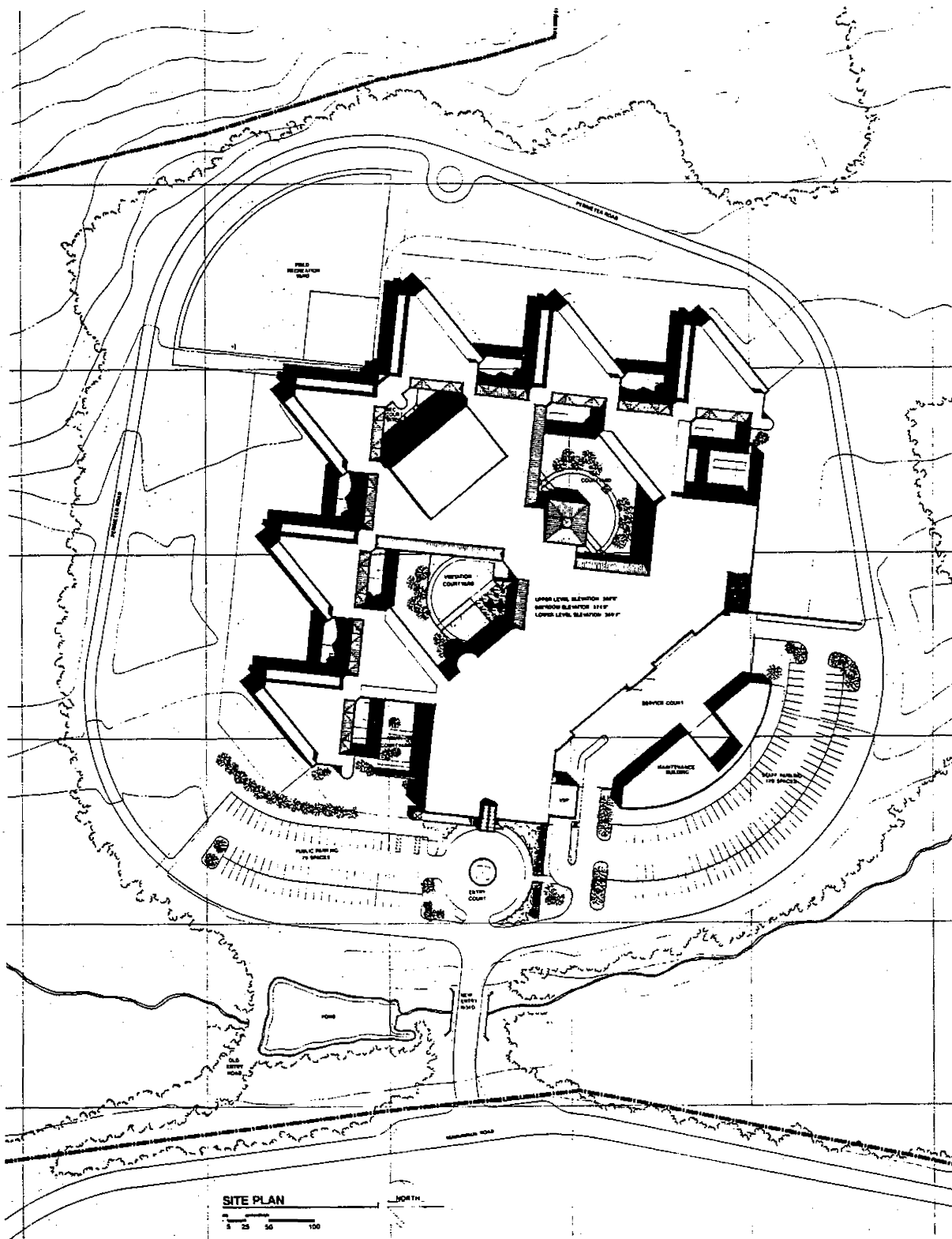
Perimeter: Single fence, razor wire on
fence(s), perimeter patrols; costs included
Inmate security level
Maximum: 17%
Medium: 69%
Minimum: 14%

Current staff

Full-time equivalent
Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: N/A
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods,
phased construction (fast track)
Negative: Slow construction and lengthy
building time, high labor costs, difficult
site conditions
Factors affecting time schedule
Positive: Simple construction methods,
phased construction (fast track);
coordination of design
Negative: Weather problems



Multi-Purpose Criminal Justice Facility

Responsible official: Director, Delaware Department of Corrections

Contact: Elizabeth Neal, Warden II, Multi-Purpose Criminal Justice Facility, 1301 East 12th Street, Box 9279, Wilmington, DE 19809, 302-429-7747

Architect: Vitetta Group, 642 North Broad Street, The Wallace Building, Philadelphia, PA 19130, 215-235-3500

Construction Manager: EDIS/CRSS, 1530 Wilson Boulevard, Suite 600, Arlington, VA 22209, 703-528-1300

Facility type: State prison
Jurisdiction type: State
Commitment type: Pretrial, sentenced
Category: Renovation, expansion
Building configuration: Integrated structure
Complex use: N/A
Facility location: Urban
Amount of land: 8 acres

Dimensions

Total GSF: 200,000
Total NSF: 160,000
Corrections GSF: 200,000
Corrections NSF: 160,000
Housing area GSF: 100,000
Housing area NSF: 72,000
GSF per inmate (design): 417
GSF per inmate (current): 858
NSF per inmate (design): 333
NSF per inmate (current): 687
Size of cells: 73 (double)
Net/gross square feet: 80%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote and manual locking
Floor surface: Epoxy
Intercom: Unknown
HVAC: Forced air
Plumbing: China
Furniture: Steel, plastic, wood
Fire protection: Smoke detectors and sprinklers for cells and common areas
Windows: Security

Time

Groundbreaking: December 1990
Finish date: October 1992
Construction time: 22 months

Costs

Total: \$30,000,000
Building only: \$26,200,000
Final construction cost: Lower
Housing area: \$19,000,000
Housing per inmate: \$39,583
Housing per cell: \$79,167
Total per inmate: \$62,500
Total per GSF: \$150
Total per NSF: \$188.00
Total annual operating costs: Unknown

Construction type

Structural: Cast-in-place and precast cell, wall and floor panels
Exterior walls: Precast panels, CMU block, glass block, metal panel
Interior walls: Precast panels, CMU block
Exterior surface or facade: Precast concrete, CMU block
Electronic technology systems: CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 480
Dorms: 0

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 480

Current population: February 1993: 938

Inmate housing areas

Design: Modular/pod
Cells per unit: 30
Inmates per unit (design): 60
Inmates per unit (current): 60
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Second bunk permanently attached
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: State general obligation bonds
Use of inmate labor: Limited; precast components, furniture
Use of prefabrication: Limited; precast concrete

Security

Perimeter: Building exterior only, single fence, video camera surveillance; costs excluded

Inmate security level

Maximum: 0
Medium: 100%
Minimum: 0

Current staff

Full-time equivalent

Administration: 15
Security: 257
Programs and treatment: 5
Maintenance: 6
Total: 278

Current inmate/staff ratio: 3.4:1

Contracted services: Medical, substance abuse treatment, special programs

Architect's reported analysis

Factors affecting construction costs

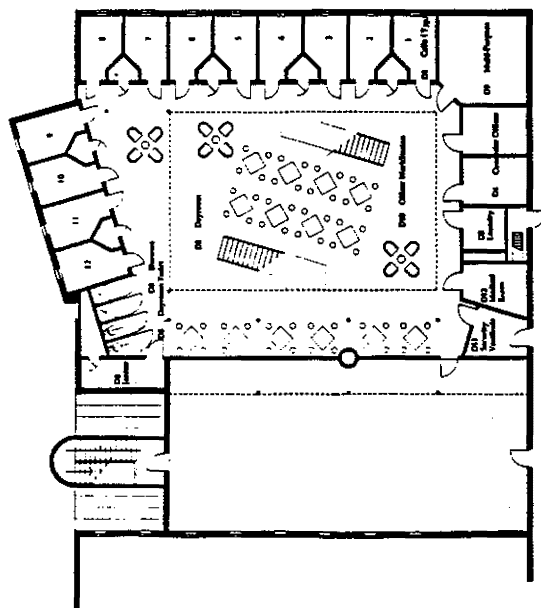
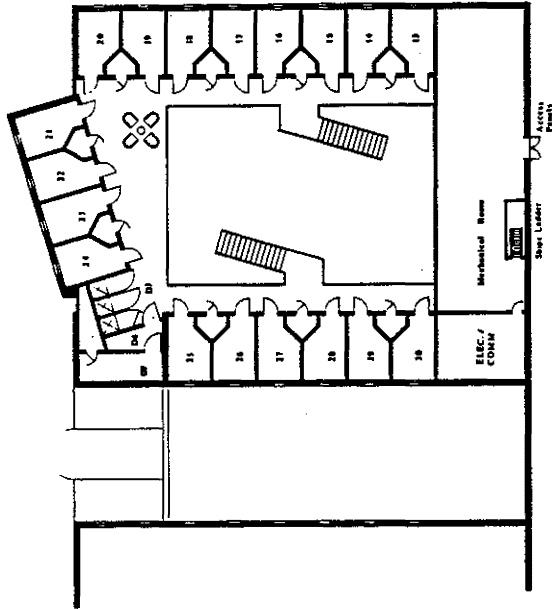
Positive: Prefabricated components; simple construction methods, phased construction (fast track); less expensive materials

Negative: Difficult site conditions

Factors affecting time schedule

Positive: Prefabricated components; simple construction methods, phased construction (fast track); advanced order of materials

Negative: N/A



- SYMBOL LIST
- OUTDOOR RECREATION
 - POWER PLANT
 - FACILITY CIRCULATION
 - OPEN TO BELOW

Brevard County Detention Center

Responsible official: Sheriff, Brevard County

Contact: Commander Harry Sands, Jail Administrator, Brevard County Detention Center, P.O. Box 800, Sharpes, FL 32959-0800, 407-690-1503

Architect: Rosser Justice Systems, 524 West Peachtree Street, Atlanta, GA 30308, 404-876-3800

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Suburb
Amount of land: 55 acres

Dimensions

Total GSF: 204,000
Total NSF: 127,000
Corrections GSF: 204,000
Corrections NSF: 127,000
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 520
GSF per inmate (current): 315
NSF per inmate (design): 324
NSF per inmate (current): 196
Size of cells: Unknown
Net/gross square feet: 62%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Two-way to common areas, inmate duress alarm, general paging
HVAC: Air-conditioning, gas heat, forced air
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: March 1985
Finish date: March 1987
Construction time: 24 months

Costs

Total: \$18,000,000
Building only: Unknown
Final construction cost: Unknown
Housing area: \$8,000,000
Housing per inmate: \$20,408
Housing per cell: Unknown
Total per inmate: \$45,918
Total per GSF: \$88.24
Total per NSF: \$141.73
Total annual operating costs: \$10,331,215

Construction type

Structural: Steel frame, cast-in-place concrete frame, load-bearing CMU block
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: EIFS
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, perimeter detection/alarm, satellite/cable, metal detection, watch tower system

Inmate design capacity

General population
Single occupancy: 392
Double occupancy: 0
Dorms: 0
Special population
Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 392
Current population: December 1991: 647

Inmate housing areas

Design: Modular/pod
Cells per unit: 96
Inmates per unit (design): 96
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Intermittent and remote surveillance
Means to handle crowding: Mattresses on floor
Total officers per unit
Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Conventional design-bid-build
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

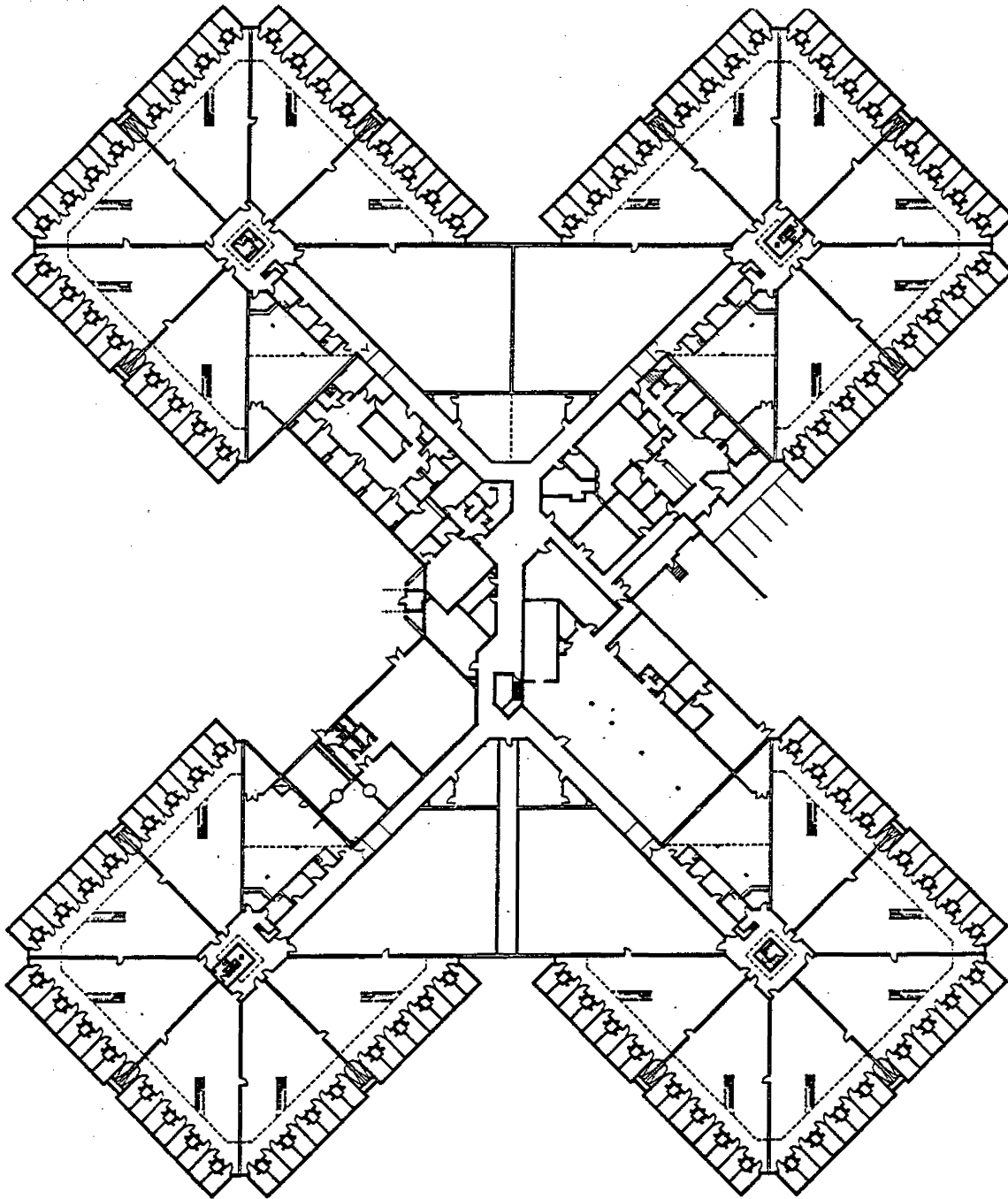
Perimeter: Double fence, perimeter detection/alarm; costs excluded
Inmate security level
Maximum: 17%
Medium: 83%
Minimum: 0

Current staff

Full-time equivalent
Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: 199
Current inmate/staff ratio: 3.3:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, less expensive materials
Negative: N/A
Factors affecting time schedule
Positive: Simple construction methods
Negative: N/A



Genesis Unit 200 Bed Correctional Facility

Responsible official: Director, Corrections Division, Orange County

Contact: Richard Anderson, Facility Manager, Genesis Unit 220 Bed Correctional Facility, P.O. Box 4970, Orlando, FL 32802, 407-836-3289

Architect: Hansen Lind Meyer, 800 North Magnolia Avenue, #1100, Orlando, FL 32803, 407-422-7061

Construction Manager: Jack Jennings and Sons, 1030 Wilfred Drive, Orlando, FL, 32803, 407-896-8181

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial
Category: New construction (separate but ancillary building)
Building configuration: Courtyard
Complex use: N/A
Facility location: Suburb
Amount of land: 3 acres

Dimensions

Total GSF: Unknown
Total NSF: Unknown
Corrections GSF: Unknown
Corrections NSF: Unknown
Housing area GSF: 42,014
Housing area NSF: 36,255
GSF per inmate (design): Unknown
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: Unknown
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Carpet, vinyl tile
Intercom: N/A
HVAC: Forced air
Plumbing: China
Furniture: Wood, vinyl/plastic
Fire protection: Smoke detectors for common areas, sprinklers for cells and common areas
Windows: Standard and bars

Time

Groundbreaking: October 1987
Finish date: June 1988
Construction time: 8 months

Costs

Total: \$2,999,000
Building only: \$2,906,985
Final construction cost: Same
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$11,715
Total per GSF: Unknown
Total per NSF: Unknown
Total annual operating costs: \$1,925,693

Construction type

Structural: Steel frame, precast concrete frame
Exterior walls: CMU block, reinforced and grouted
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 200

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 200

Current population: January 1993: 215

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): 50
Inmates per unit (current): 55
Management type (design): Direct supervision

Management type (current): Direct supervision

Means to handle crowding: Transfer to another facility

Total officers per unit

Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Construction manager with GMP
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only, single fence, razor wire on fence(s); costs included

Inmate security level

Maximum: 0
Medium: 100%
Minimum: 0

Current staff

Full-time equivalent

Administration: 2
Security: 43
Programs and treatment: 0
Maintenance: 0
Total: 45

Current inmate/staff ratio: 4.8:1

Contracted services: N/A

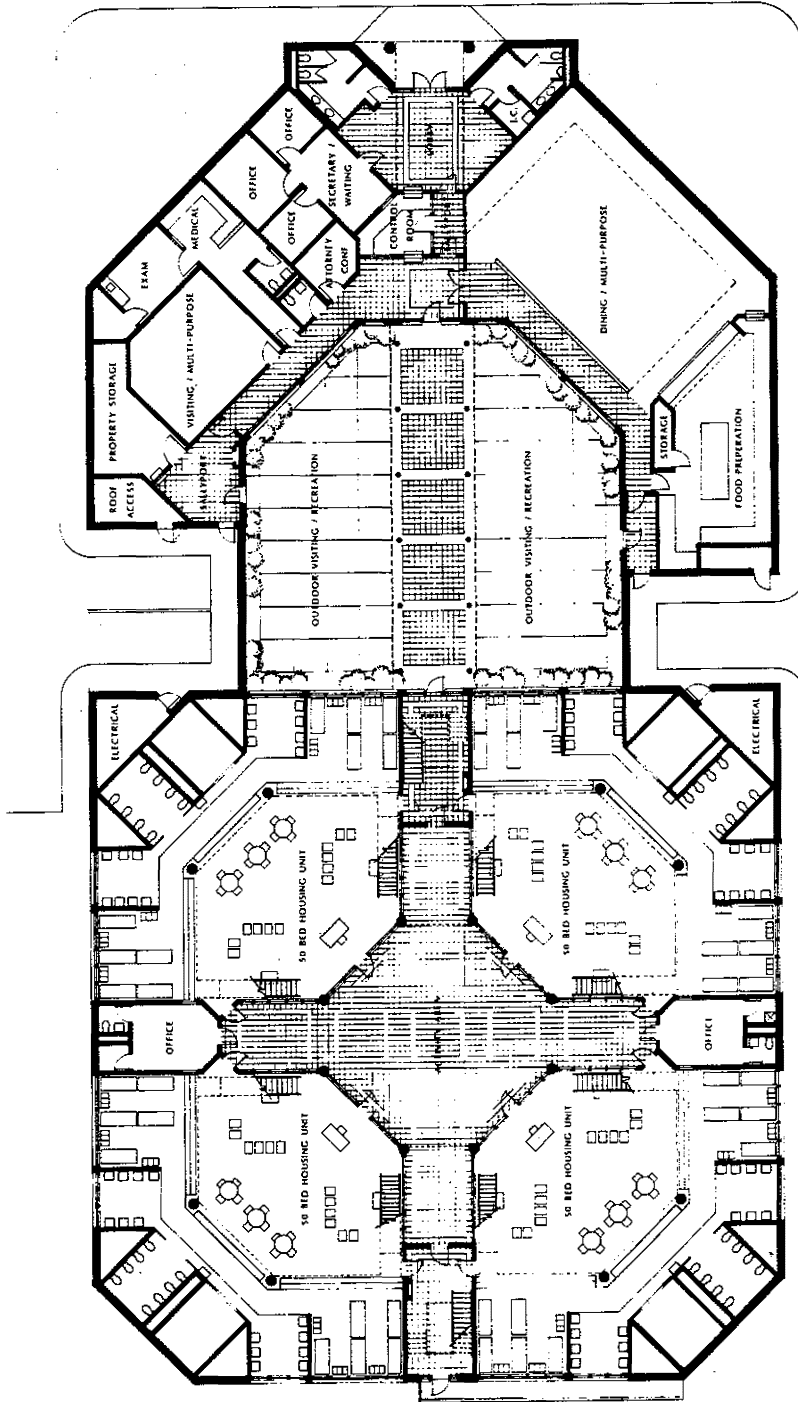
Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, phased construction (fast track); compactness of the building footprint
Negative: N/A

Factors affecting time schedule

Positive: Simple construction methods, phased construction (fast track); advanced order of materials; coordination of design
Negative: N/A



FIRST FLOOR PLAN



Hillsborough County Orient Road Jail

Responsible official: Sheriff, Hillsborough County

Contact: David M. Parrish, Colonel, Department Commander, Hillsborough County Jail Central, 1201 Orient Road, Tampa, FL 33619, 813-247-8310

Architect: Ranon & Partners, Inc., Architects, 511 Bay Street, Tampa, FL 33606, 813-253-3465

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Wheel, spoke, or radial
Complex use: N/A
Facility location: Suburb
Amount of land: 33 acres

Dimensions

Total GSF: 636,000
Total NSF: Unknown
Corrections GSF: 636,000
Corrections NSF: Unknown
Housing area GSF: 386,000
Housing area NSF: Unknown
GSF per inmate (design): 368
GSF per inmate (current): 407
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 70 (single and double)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Wood, hollow steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking
Floor surface: Carpet, vinyl tile, rubber tile
Intercom: Two-way to cells and common areas
HVAC: Forced air, ice thermal storage system
Plumbing: Stainless steel, china
Furniture: Wood
Fire protection: Smoke detectors and sprinklers for cells and common areas
Windows: Horizontal slit and special security

Time

Groundbreaking: November 1987
Finish date: June 1990
Construction time: 30 months

Costs

Total: \$62,900,000
Building only: \$61,000,000
Final construction cost: Same
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$36,400
Total per GSF: \$98.90
Total per NSF: Unknown
Total annual operating costs: \$25,679,000

Construction type

Structural: Cast-in-place concrete frame
Exterior walls: Precast panels, CMU block, brick
Interior walls: CMU block
Exterior surface or facade: Brick, CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 1,330
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 174
Double occupancy: 0
Dorms: 0
Total design: 1,504
Current population: April 1992: 1,542

Inmate housing areas

Design: Modular/pod
Cells per unit: 192
Inmates per unit (design): 192
Inmates per unit (current): Unknown
Management type (design): Remote surveillance, direct supervision
Management type (current): Remote surveillance, direct supervision
Means to handle crowding: Transfer to another facility
Total officers per unit
Day: 7
Evening: 7
Midnight: 7

Construction process

Contract method: Conventional design-bid-build
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: Limited; precast cell chases

Security

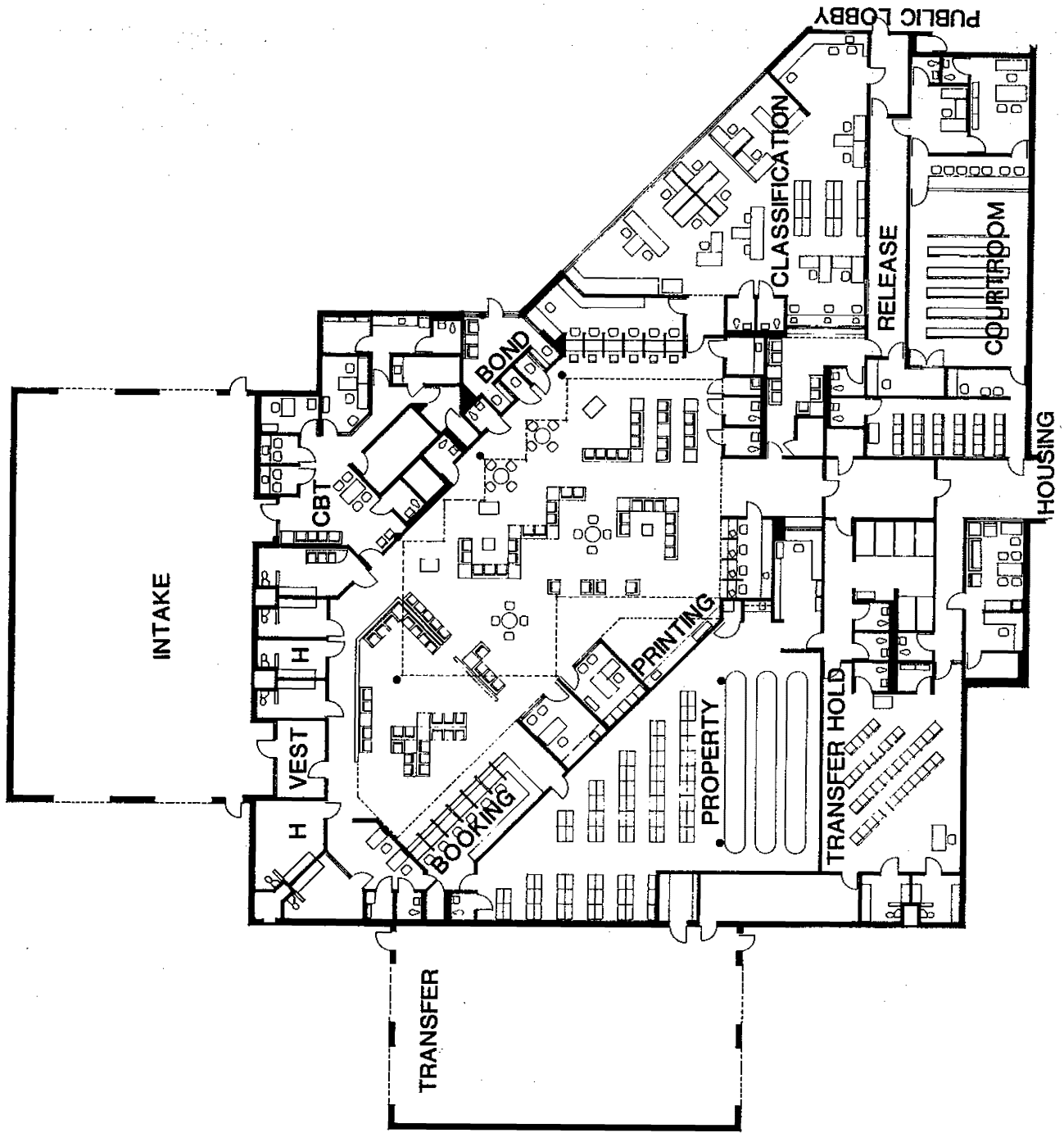
Perimeter: Single fence, razor wire on fence(s), perimeter patrols; costs included
Inmate security level
Maximum: Unknown
Medium: Unknown
Minimum: Unknown

Current staff

Full-time equivalent
Administration: 120
Security: 350
Programs and treatment: 65
Maintenance: 40
Total: 575
Current inmate/staff ratio: 2.7:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, good competition, less expensive materials
Negative: Slow construction and lengthy building time; difficult site conditions; complex electronic, mechanical, and electrical systems; limited staging area
Factors affecting time schedule
Positive: Simple construction methods
Negative: Complex electronic, mechanical, and electrical systems



James I. Montgomery Correctional Center

Responsible official: Sheriff, Duval County

Contact: Thomas H. Bobbitt, Chief, James I. Montgomery Correctional Center, 4727 Lannie Road, Jacksonville, FL 32218, 904-766-5010
Architect: Hellmuth, Obata & Kassabaum, Inc., 2502 Rocky Point Road, Suite 100, Tampa, FL 32202, 813-281-0533
Construction Manager: The Haskell Company, P.O. Box 44100, Jacksonville, FL 32231, 904-791-4500

Facility type: County jail
Jurisdiction type: County, city
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 1,000 acres

Dimensions

Total GSF: 54,586
Total NSF: 43,670
Corrections GSF: 54,586
Corrections NSF: 43,670
Housing area GSF: 40,964
Housing area NSF: 35,416
GSF per inmate (design): 124
GSF per inmate (current): 280
NSF per inmate (design): 99
NSF per inmate (current): 224
Size of cells: 4,345 (dorm)
Net/gross square feet: 80%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking
Floor surface: Vinyl tile
Intercom: Two-way to cells and common areas
HVAC: Forced air
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: June 1989
Finish date: September 1989
Construction time: 4 months

Costs

Total: \$4,300,000
Building only: \$4,042,000
Final construction cost: Same
Housing area: \$2,910,000
Housing per inmate: \$6,736
Housing per cell: \$363,750
Total per inmate: \$9,773
Total per GSF: \$78.77
Total per NSF: \$98.47
Total annual operating costs: \$9,297,300

Construction type

Structural: Precast concrete cells
Exterior walls: Precast panels, cast-in-place concrete
Interior walls: Precast panels, cast-in-place concrete, CMU block
Exterior surface or facade: Stucco
Electronic technology systems: Lighting protection, staff intercommunication, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 432

Special population

Single occupancy: 8
Double occupancy: 0
Dorms: 0
Total design: 440
Current population: December 1991: 195

Inmate housing areas

Design: Modular/pod
Cells per unit: Unknown
Inmates per unit (design): 216
Inmates per unit (current): 25
Management type (design): Remote surveillance
Management type (current): Remote surveillance
Means to handle crowding: Transfer to another facility
Total officers per unit
Day: 3
Evening: 3
Midnight: 3

Construction process

Contract method: Turnkey design-build
Finance method: Tax-exempt loan
Use of inmate labor: Limited; general cleanup
Use of prefabrication: Moderate; precast units

Security

Perimeter: Single fence, razor wire on fence(s); costs included
Inmate security level
Maximum: 0
Medium: 100%
Minimum: 0

Current staff

Full-time equivalent

Administration: 24
Security: 105
Programs and treatment: 9
Maintenance: 5
Total: 147
Current inmate/staff ratio: 1.3:1
Contracted services: Food

Architect's reported analysis

Factors affecting construction costs

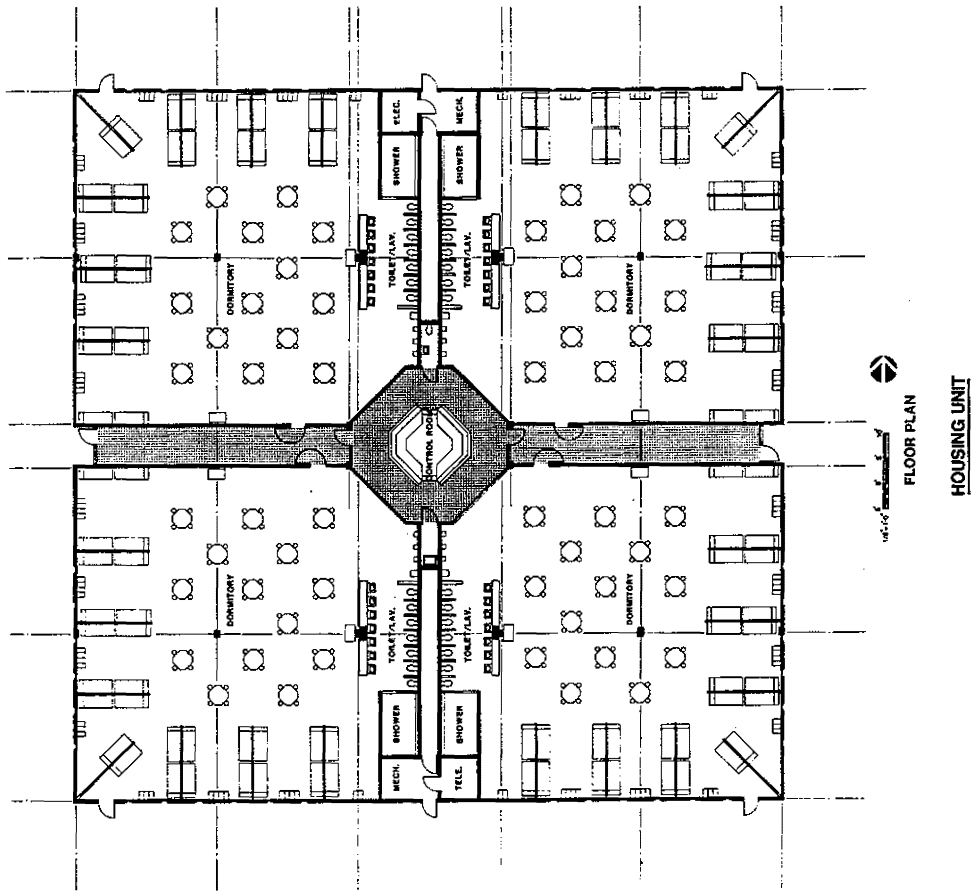
Positive: Prefabricated components; simple construction methods, phased construction (fast track)

Negative: N/A

Factors affecting time schedule

Positive: Prefabricated components; simple construction methods, phased construction (fast track)

Negative: N/A



John E. Goode Pre-Trial Detention Facility

Responsible official: Sheriff, Duval County

Contact: Michael A. Berg, Deputy Director, John E. Goode Pre-Trial Detention Facility, 500 East Adams Street, Jacksonville, FL 32202-1680, 904-630-2120

Architect: Sverdrup Corporation, 1650 Prudential Drive, Suite 200, Jacksonville, FL 32207, 904-399-8300

Construction Manager: Barton-Malow/Tompkins-Beckwith, 2055 Wood Street, Suite 104, Sarasota, FL 34237, 813-957-3770

Facility type: County and city jail, complex (combined use)
Jurisdiction type: Federal, State, county, city
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Highrise, two towers connected by a central core
Complex use: Courts
Facility location: Urban
Amount of land: 4 acres

Dimensions

Total GSF: 629,000
Total NSF: Unknown
Corrections GSF: 480,000
Corrections NSF: Unknown
Housing area GSF: 453,000
Housing area NSF: 331,000
GSF per inmate (design): 209
GSF per inmate (current): 291
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 90 (double), 7,055 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel, glass
Type(s) of doors: Swinging, sliding
Type(s) of locks: Motor driven and remote locking, manual locking
Floor surface: Carpet, epoxy coating, sealed concrete, vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Includes air-conditioning, heating and air circulation, forced air, and coil air-handling units
Plumbing: Stainless steel, china, stainless steel combination unit
Furniture: Steel, vinyl/plastic, concrete
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Security and screens

Time

Groundbreaking: June 1988
Finish date: April 1991
Construction time: 34 months

Costs

Total: \$62,700,000
Building only: Unknown
Final construction cost: Higher
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: N/A
Total per GSF: \$99.68
Total per NSF: Unknown
Total annual operating costs: \$34,500,000

Construction type

Structural: Cast-in-place concrete frame, precast concrete frame and cells
Exterior walls: Precast panels, cast-in-place concrete, CMU block, coated insulated wall system
Interior walls: Precast panels; cast-in-place concrete; CMU block; precast modular cell components, columns, beams, and hollow-core planks
Exterior surface or facade: Stucco, natural wall, textured and colored concrete, CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff inter-communication, inmate intercom, paging and sound system, duress/fire alarm, door control and monitoring, card access, custom control panels, pneumatic control system

Inmate design capacity

General population
Single occupancy: 0
Double occupancy: 1,808
Dorms: 66
Special population
Single occupancy: 0
Double occupancy: 121
Dorms: 6
Total design: 2,297
Current population: July 1992: 1,652

Inmate housing areas

Design: Linear, cells on outside walls; modular/pod
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Remote surveillance
Means to handle crowding: Transfer to another facility
Total officers per unit
Day: 5
Evening: 5
Midnight: 4

Construction process

Contract method: Multiple bid packages
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: Extensive; precast columns and beams, hollow-core floor slab, concrete cell and mechanical chase modules

Security

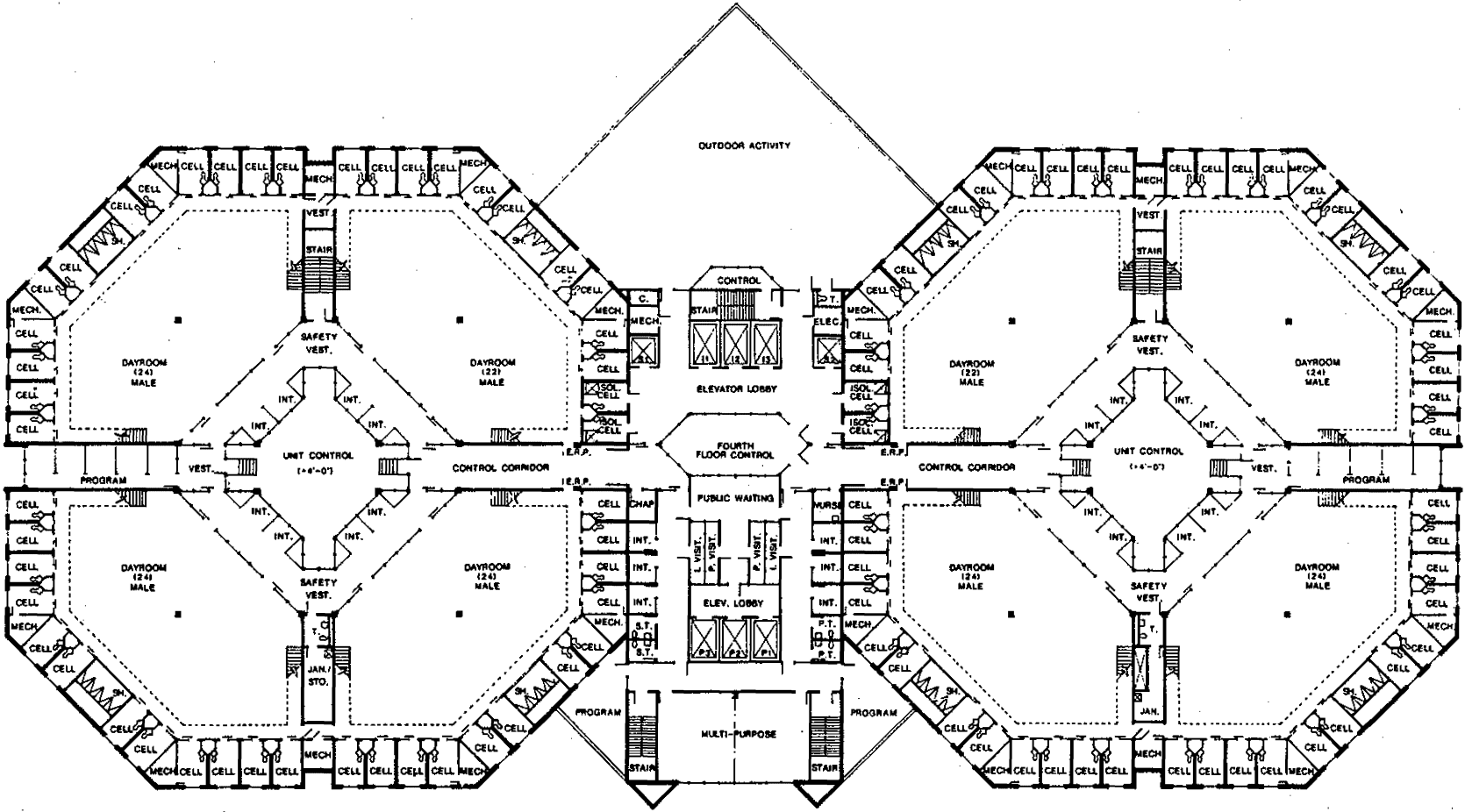
Perimeter: Building exterior only, video camera surveillance
Inmate security level
Maximum: 16%
Medium: 64%
Minimum: 10%
Holding and first appearance housing: 10%

Current staff

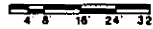
Full-time equivalent
Administration: 100
Security: 323
Programs and treatment: 22
Maintenance: 4
Total: 449
Current inmate/staff ratio: 3.7:1
Contracted services: Medical, food

Architect's reported analysis

Factors affecting construction costs
Positive: Includes prefabricated components, phased construction
Negative: High labor costs, difficult site conditions, gov. procedures and regulations
Factors affecting time schedule
Positive: Prefabricated components, phased construction, coordination of design
Negative: Slow response or delivery from vendor/supplier, gov. procedures and regulations



4TH FLOOR PLAN



Martin Correctional Institution

Responsible official: Secretary, Florida Department of Corrections

Contact: Richard Kirkland, Superintendent, Martin Correctional Institution, 1150 SW., Allapattah Road, Indiantown, FL 34956-4397, 407-597-3705

Architect: Rosser White Hobbs Davidson McClellan Kelly Inc., P.O. Box 2343, Savannah, GA 31402, 706-876-3800

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 330 acres

Dimensions

Total GSF: 265,028
Total NSF: 261,521
Corrections GSF: 265,028
Corrections NSF: 261,521
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 445
GSF per inmate (current): 241
NSF per inmate (design): 439
NSF per inmate (current): 238
Size of cells: 70 (single)
Net/gross square feet: 99%

Inmate design capacity

General population

Single occupancy: 448
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 148
Double occupancy: 0
Dorms: 0

Total design: 596

Current population: February 1993: 1,099

Inmate housing areas

Design: Modular/pod

Cells per unit: 112

Inmates per unit (design): 112

Inmates per unit (current): 224

Management type (design): Intermittent surveillance

Management type (current): Intermittent surveillance and remote surveillance

Means to handle crowding: Transfer to another facility, second bunk permanently attached

Total officers per unit

Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Turnkey design-build

Finance method: State general revenue

Use of inmate labor: Limited; general labor helpers

Use of prefabrication: None

Inmate cells

Door material(s): Steel

Type(s) of doors: Swinging, sliding

Type(s) of locks: Manual locking, motor driven and remote locking

Floor surface: Lino/sheet vinyl, carpet, epoxy coating, sealed concrete, vinyl tile

Intercom: Two-way to common areas

HVAC: Air-conditioning, heating/air

circulation, solar heat, steam heat, gas heat

Plumbing: Stainless steel, china, stainless

steel combination unit

Furniture: Steel

Fire protection: Smoke detectors and sprinklers for cells and common areas

Windows: Special security and screens

Security

Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on and between fence(s), motion detectors on roof, costs included

Inmate security level

Maximum: 100%

Medium: 0

Minimum: 0

Current staff

Full-time equivalent

Administration: Unknown

Security: Unknown

Programs and treatment: Unknown

Maintenance: Unknown

Total: Unknown

Current inmate/staff ratio: Unknown

Contracted services: Food

Architect's reported analysis

Factors affecting construction costs

Positive: Phased construction (fast track)

Negative: Government procedures and regulations; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Phased construction (fast track)

Negative: Government procedures and regulations; complex electronic, mechanical, and electrical systems

Time

Groundbreaking: Unknown

Finish date: June 1985

Construction time: Unknown

Costs

Total: \$23,601,642

Building only: \$22,916,012

Final construction cost: Lower

Housing area: \$22,916,012

Housing per inmate: \$51,152

Housing per cell: Unknown

Total per inmate: \$39,600

Total per GSF: \$89.05

Total per NSF: \$90.25

Total annual operating costs: \$18,497,819

Construction type

Structural: Cast-in-place concrete frame

Exterior walls: Cast-in-place concrete, CMU block, stucco

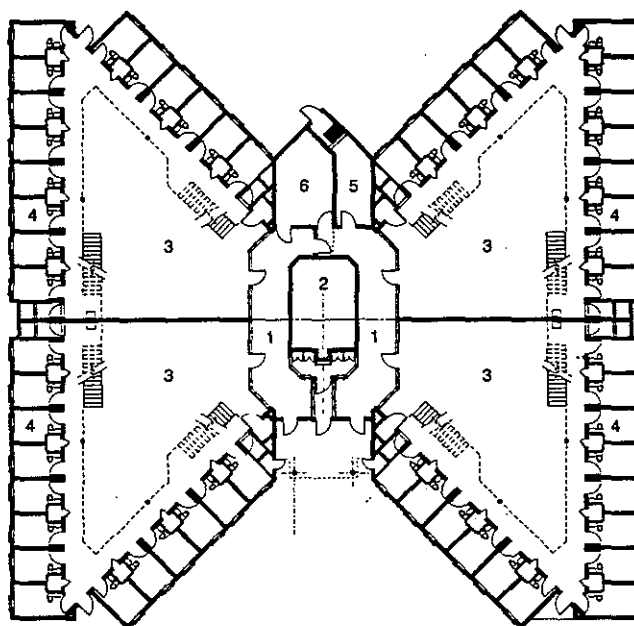
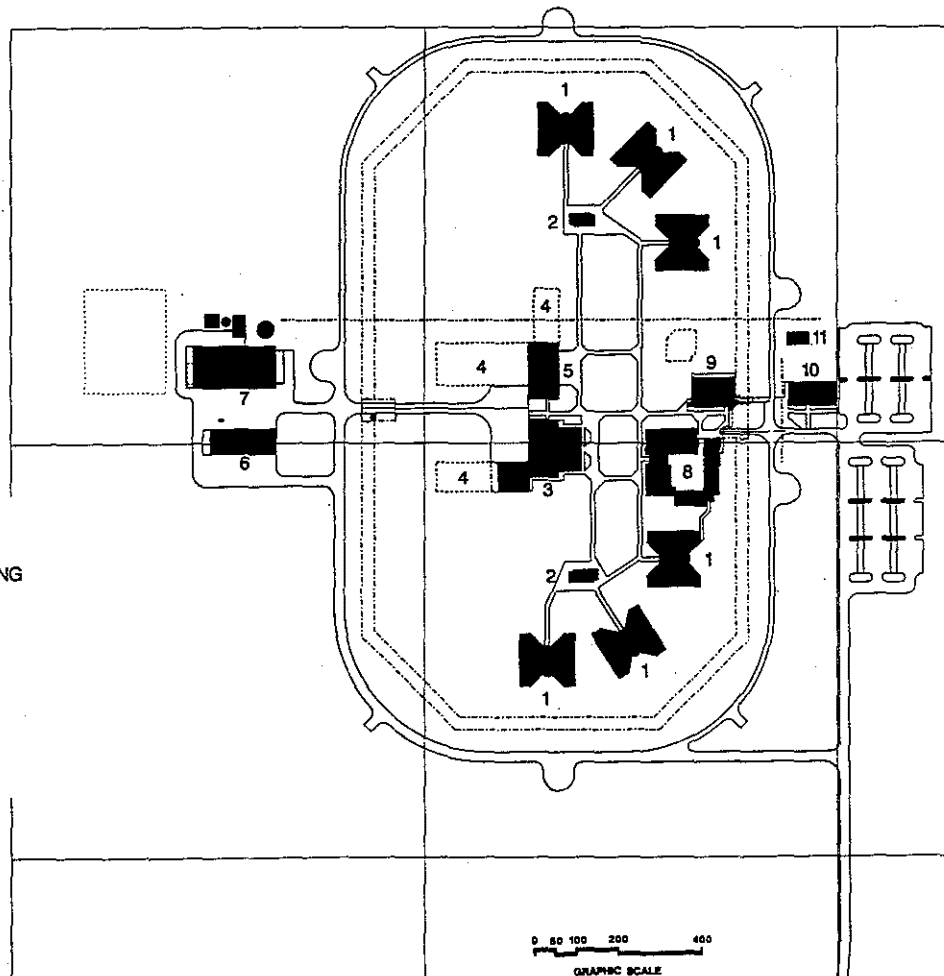
Interior walls: Cast-in-place concrete, CMU block

Exterior surface or facade: Stucco

Electronic technology systems: Lighting protection, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm

SITE PLAN

- 1. HOUSING UNITS
- 2. HOUSING SUPPORT BUILDING
- 3. FOOD SERVICE
- 4. FUTURE EXPANSION
- 5. INMATE ACTIVITIES
- 6. MAINTENANCE
- 7. WAREHOUSE
- 8. MULTI-SERVICES
- 9. VISITOR AND CONTROL
- 10. ADMINISTRATION
- 11. GENERATOR



HOUSING- FIRST FLOOR

- 1. SALLYPORT
- 2. CONTROL ROOM
- 3. DAYROOM
- 4. TYPICAL CELL
- 5. LINEN STORAGE
- 6. MULTI-PURPOSE

Metro West Detention Center

Responsible official: Director, Dade County Department of Corrections

Contact: Guy Evans, Captain, Facility Supervisor, Metro West Detention Center, 13850 NW. 41st Street, Miami, FL 33192, 305-597-2620

Architect: Eddie Frances, A.I.A., 1385 Coral Way, Suite 204, Miami, FL 33145, 305-854-4070

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Urban
Amount of land: 10 acres

Dimensions

Total GSF: 177,000
Total NSF: 123,900
Corrections GSF: 177,000
Corrections NSF: 123,900
Housing area GSF: 116,820
Housing area NSF: 123,900
GSF per inmate (design): 176
GSF per inmate (current): 186
NSF per inmate (design): 123
NSF per inmate (current): 130
Size of cells: 4,500 (dorm)
Net/gross square feet: 70%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Manual locking
Floor surface: Carpet, sealed concrete, vinyl tile, quarry tile
Intercom: Two-way to common areas
HVAC: Other energy recycle unit, electrical
Plumbing: China
Furniture: Wood, vinyl/plastic
Fire protection: Smoke detectors for cells and common areas
Windows: Slit, special security, standard

Time

Groundbreaking: April 1991
Finish date: January 1992
Construction time: 8 months

Costs

Total: \$15,200,000
Building only: \$15,200,000
Final construction cost: Lower
Housing area: \$15,190,520
Housing per inmate: \$15,823
Housing per cell: N/A
Total per inmate: 15,139
Total per GSF: 85.88
Total per NSF: 122.68
Total annual operating costs: \$41,650,000

Construction type

Structural: Precast concrete frame
Exterior walls: Cast-in-place concrete, CMU block
Interior walls: Cast-in-place concrete, CMU block
Exterior surface or facade: Stucco, CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, perimeter detection/alarm, satellite/cable, touch screen integrated security system

Inmate design capacity

General population
Single occupancy: 0
Double occupancy: 0
Dorms: 960
Special population
Single occupancy: 2
Double occupancy: 42
Dorms: 0
Total design: 1,004
Current population: June 1992: 950

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): 60
Inmates per unit (current): 60
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Transfer to another facility
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Turnkey design-build
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only, double fence, perimeter patrols and detection/ alarm, razor wire on fence(s), video camera surveillance; costs included
Inmate security level
Maximum: 4%
Medium: 96%
Minimum: 0

Current staff

Full-time equivalent
Administration: 9
Security: 245
Programs and treatment: 23
Maintenance: 7
Total: 284
Current inmate/staff ratio: 3.5:1
Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, phased construction (fast track); good competition; less expensive materials
Negative: Government procedures/regulations; complex electronic, mechanical, and electrical systems
Factors affecting time schedule
Positive: Prefabricated components; simple construction methods, phased construction (fast track); advanced order of materials; coordination of design
Negative: Slow response or delivery from vendor/supplier, government procedures/regulations; complex electronic, mechanical, and electrical systems

(No floorplan available at time of publication)

Palm Beach County Stockade

Responsible official: Sheriff, Palm Beach County

Contact: Major Reynolds, Facility Administrator, Palm Beach County Stockade, 673 West Fairgrounds Road, P.O. Box 85, Loxahatchee, FL 33409, 407-688-4807

Architect: Rosser Justice Systems, 524 West Peachtree Street, Atlanta, GA 30308, 404-876-3800

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (separate but ancillary building)
Building configuration: Campus style
Complex use: N/A
Facility location: Suburb
Amount of land: 3 acres

Dimensions

Total GSF: 80,000
Total NSF: 54,000
Corrections GSF: 80,000
Corrections NSF: 54,000
Housing area GSF: 80,000
Housing area NSF: 54,000
GSF per inmate (design): 277
GSF per inmate (current): 313
NSF per inmate (design): 187
NSF per inmate (current): 211
Size of cells: 80 (single), 85 (dorm)
Net/gross square feet: 68%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete, vinyl tile
Intercom: Two-way to common areas, inmate duress alarm, watch tower system, metal detectors
HVAC: Forced air
Plumbing: Stainless steel, china
Furniture: Steel, vinyl/plastic
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: May 1991
Finish date: July 1992
Construction time: 14 months

Costs

Total: \$8,800,000
Building only: \$8,700,000
Final construction cost: Higher
Housing area: \$3,700,000
Housing per inmate: 14,453
Housing per cell: Unknown
Total per inmate: 30,450
Total per GSF: 110.00
Total per NSF: 163.00
Total annual operating costs: \$14,987,825

Construction type

Structural: Steel frame, modular metal cells, CMU load-bearing walls
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable, metal detection

Inmate design capacity

General population

Single occupancy: 16
Double occupancy: 0
Dorms: 240

Special population

Single occupancy: 13
Double occupancy: 20
Dorms: 0
Total design: 289
Current population: January 1993: 256

Inmate housing areas

Design: Modular/pod, dormitory
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Transfer to another facility, mattresses on floor
Total officers per unit
Day: 3
Evening: 3
Midnight: 3

Construction process

Contract method: Conventional design-bid-build
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Single fence, razor wire between fence(s); costs included
Inmate security level
Maximum: 6%
Medium: 0
Minimum: 94%

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

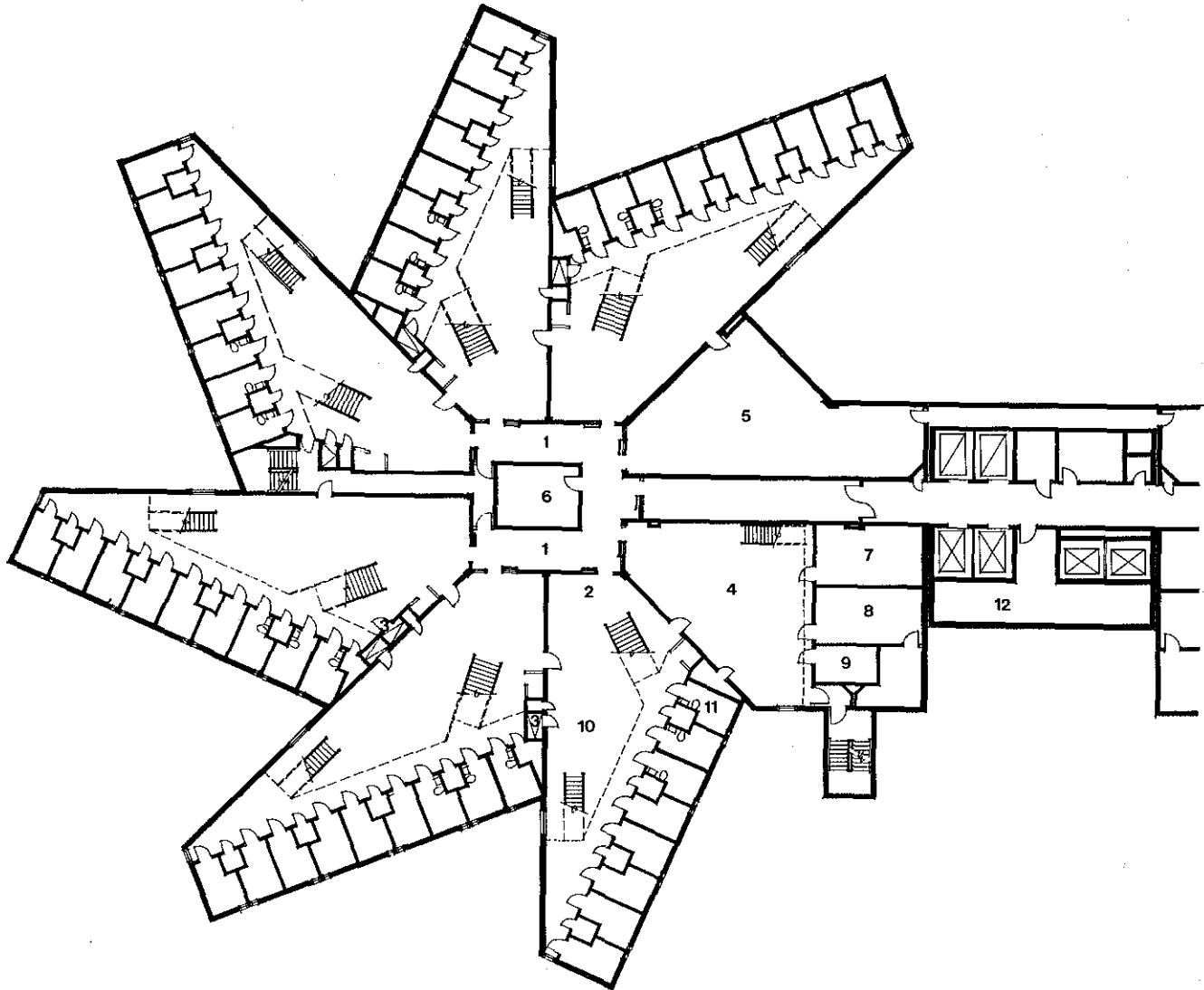
Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, less expensive materials
Negative: Slow construction and lengthy building time

Factors affecting time schedule

Positive: Simple construction methods, advanced order of materials
Negative: Slow response or delivery from vendor/supplier, government procedures and regulations



FOURTH AND FIFTH FLOOR/TYPICAL HOUSING UNIT

- | | |
|---------------------------------------|-------------------------|
| 1. SALLY PORT | 7. EXAM |
| 2. TYPICAL INMATE HOUSING | 8. TREATMENT |
| 3. SHOWER | 9. BARBER |
| 4. INDOOR RECREATION
MULTI-PURPOSE | 10. DAYROOM |
| 5. OUTDOOR RECREATION | 11. TYPICAL INMATE ROOM |
| 6. ELECTRICAL ROOM | 12. STORAGE/MECHANICAL |

Pinellas County Jail

Responsible official: Sheriff, Bureau of Detention and Correction, Pinellas County

Contact: Major H.B. Wilber, Pinellas County Jail Maximum Security Unit, 14400 49th Street North, Clearwater, FL 34622, 813-530-6415

Architect: Watson and Company (out of business)

Construction Manager: Federal Construction Company, 1355 Snell Isle Boulevard NE., St. Petersburg, FL 33704, 813-821-8000

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: Expansion
Building configuration: Highrise
Complex use: N/A
Facility location: Suburb
Amount of land: 48 acres

Dimensions

Total GSF: 118,844
Total NSF: 89,133
Corrections GSF: 118,844
Corrections NSF: 89,133
Housing area GSF: 85,248
Housing area NSF: 59,674
GSF per inmate (design): 309
GSF per inmate (current): 340
NSF per inmate (design): 225
NSF per inmate (current): 255
Size of cells: 94 (double)
Net/gross square feet: 75%

Inmate cells

Door material(s): Steel
Type(s) of doors: Sliding
Type(s) of locks: Motor driven and remote locking
Floor surface: Sealed concrete
Intercom: No intercom system
HVAC: Steam heat, forced air
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: December 1985
Finish date: March 1988
Construction time: 27 months

Costs

Total: \$12,450,000
Building only: \$12,450,000
Final construction cost: Same
Housing area: \$9,160,000
Housing per inmate: \$23,854
Housing per cell: \$47,708
Total per inmate: \$31,439
Total per GSF: \$104.76
Total per NSF: \$139.68
Total annual operating costs: Unknown

Construction type

Structural: Precast concrete frame, precast concrete cells
Exterior walls: Precast panels, cast-in-place concrete, CMU block
Interior walls: Precast panels, cast-in-place concrete, CMU block
Exterior surface or facade: Stucco
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 384
Dorms: 0

Special population

Single occupancy: 12
Double occupancy: 0
Dorms: 0

Total design: 396

Current population: April 1993: 350

Inmate housing areas

Design: Unknown
Cells per unit: 8
Inmates per unit (design): 16
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Remote surveillance
Means to handle crowding: Beds in dayroom
Total officers per unit
Day: 23
Evening: 20
Midnight: 21

Construction process

Contract method: Conventional design-bid-build
Finance method: Ad valorem funds, budget allocation
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Single fence, double fence, razor wire on fence(s), towers, perimeter patrols

Inmate security level

Maximum: 100%
Medium: 0
Minimum: 0

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Medical

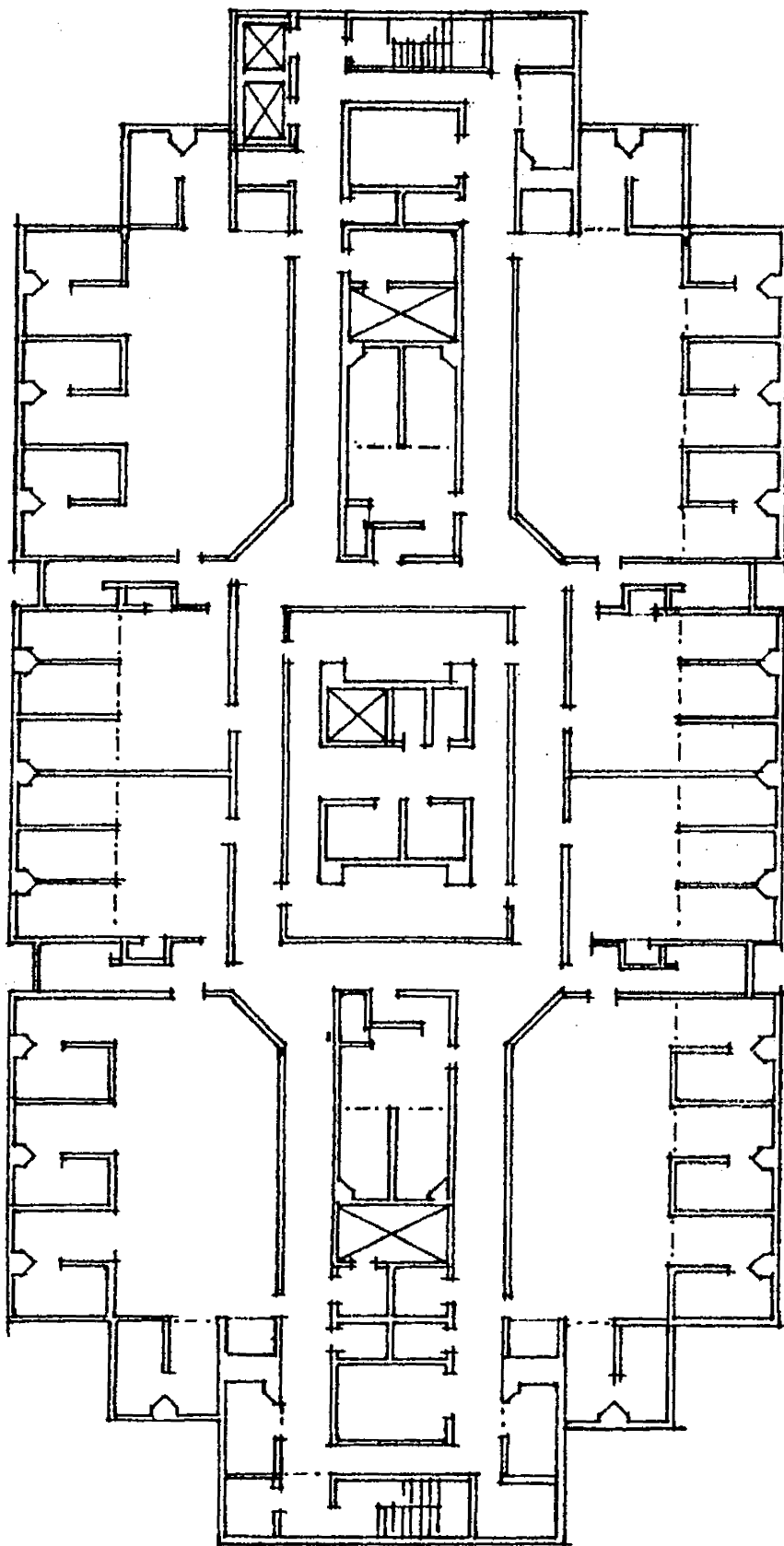
Architect's reported analysis

Factors affecting construction costs

Positive: N/A
Negative: N/A

Factors affecting time schedule

Positive: N/A
Negative: N/A



Central Correctional Institute

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Thomas C. Jones, Warden, Central Correctional Institute, 4600 Fulton Mill Road, Macon, GA 31213, 912-471-2909

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Urban
Amount of land: 2 acres

Dimensions

Total GSF: 22,575
Total NSF: Unknown
Corrections GSF: 22,575
Corrections NSF: Unknown
Housing area GSF: 16,870
Housing area NSF: Unknown
GSF per inmate (design): 113
GSF per inmate (current): 127
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 3,600 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard

Time

Groundbreaking: April 1989
Finish date: September 1989
Construction time: 5 months

Costs

Total: \$2,000,000
Building only: \$2,000,000
Final construction cost: Lower
Housing area: \$1,625,000
Housing per inmate: \$8,125
Housing per cell: \$406,250
Total per inmate: \$10,000
Total per GSF: \$88.59
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Steel frame
Exterior walls: Brick
Interior walls: CMU block
Exterior surface or facade: Brick
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 200

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 200

Current population: June 1992: 178

Inmate housing areas

Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 50
Inmates per unit (current): 44
Management type (design): Remote surveillance
Management type (current): Direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 7
Evening: 6
Midnight: 5

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: Limited; pre-engineered structure

Security

Perimeter: Single fence, razor wire on fence(s), perimeter patrols; costs included

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 5
Security: 50
Programs and treatment: 6
Maintenance: 1
Total: 62
Current inmate/staff ratio: 2.9:1
Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs

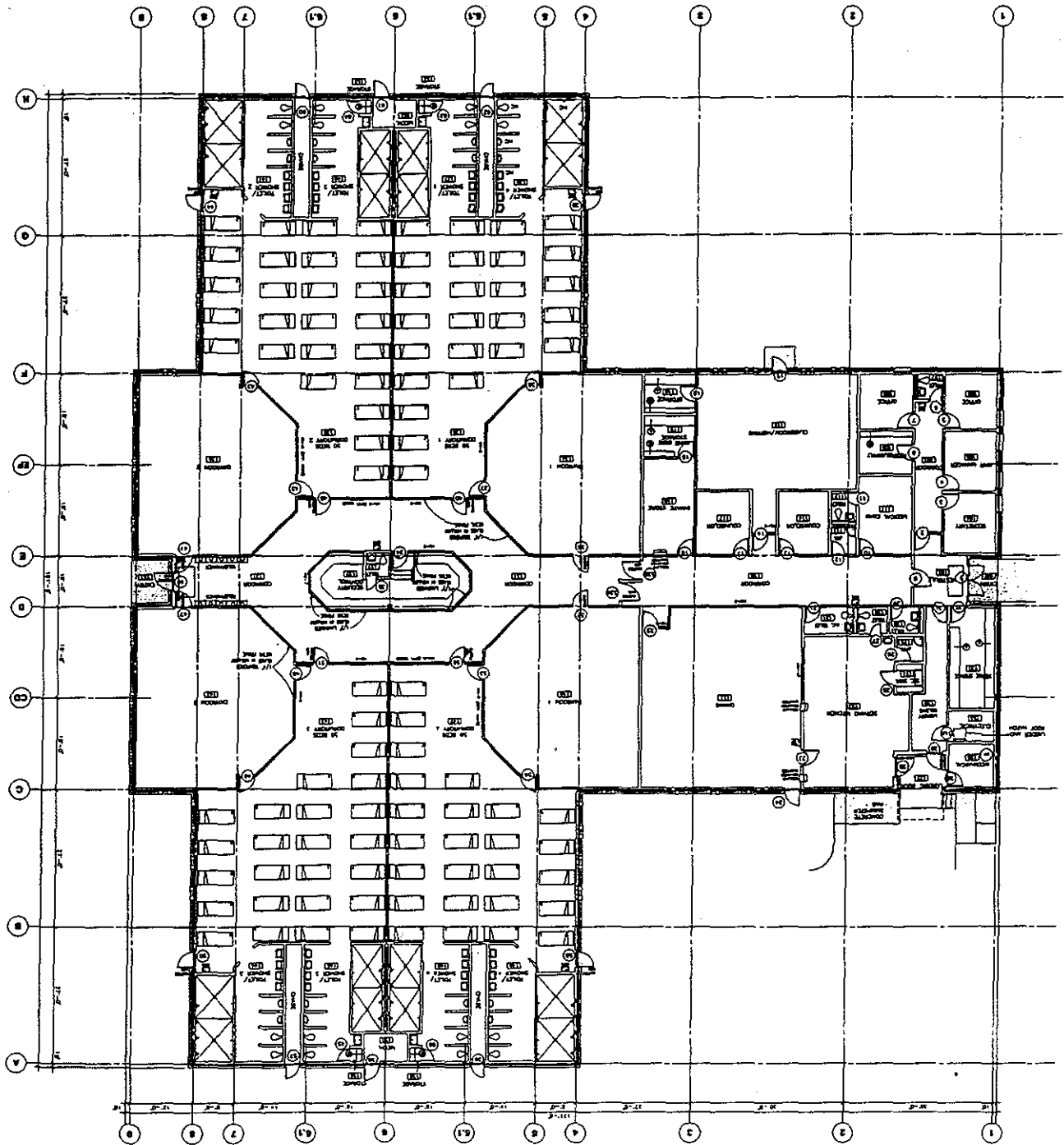
Positive: Prefabricated components; simple construction methods, phased construction (fast track); good competition; less expensive materials

Negative: N/A

Factors affecting time schedule

Positive: Prefabricated components; simple construction methods, phased construction (fast track); advanced order of materials; coordination of design

Negative: N/A



Central Probation Detention Center

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Ross T. Gearing, Superintendent, Central District Probation Detention Center, Railroad Street, P.O. Box 190, Cadwell, GA 31009, 912-689-4750

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Unknown
Amount of land: Unknown

Dimensions

Total GSF: 31,642
Total NSF: Unknown
Corrections GSF: 31,642
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 205
NSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 2,220 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Air-conditioning, gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard

Time

Groundbreaking: Unknown
Finish date: August 1990
Construction time: 12 months

Costs

Total: \$2,250,000
Building only: Unknown
Final construction cost: Lower
Housing area: \$950,000
Housing per inmate: \$6,250
Housing per cell: \$237,500
Total per inmate: \$14,610
Total per GSF: \$71.11
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 152

Special population

Single occupancy: 2
Double occupancy: 0
Dorms: 0

Total design: 154
Current population: Unknown

Inmate housing areas

Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 38
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Unknown
Means to handle crowding: Unknown
Total officers per unit
Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

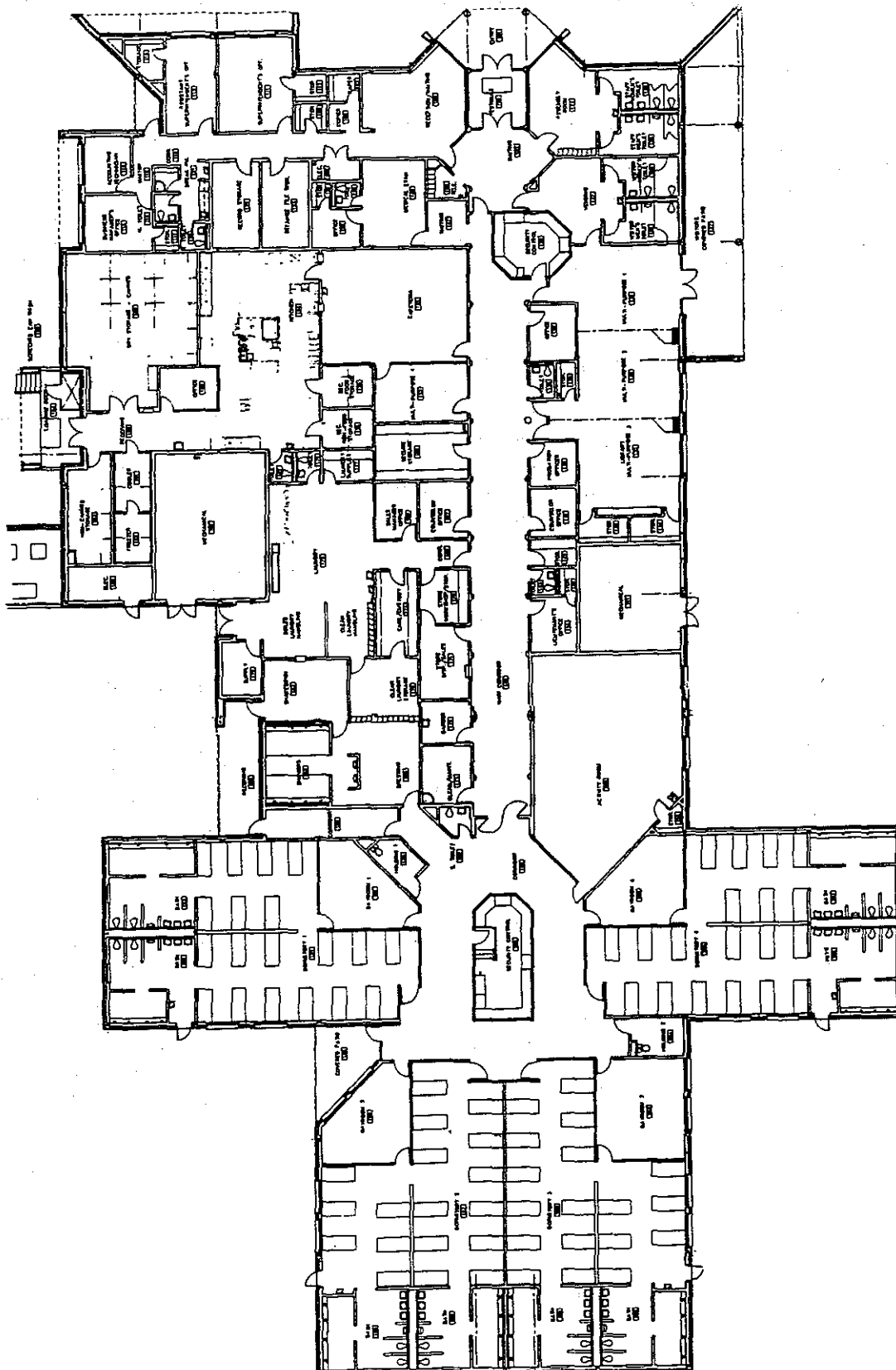
Perimeter: Single fence; costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent
Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, good competition
Negative: Government procedures and regulations; complex electronic, mechanical, and electrical systems
Factors affecting time schedule
Positive: Simple construction methods
Negative: Complex electronic, mechanical, and electrical systems



Clayton County Correctional Institution

Responsible official: Commission Chairman, Clayton County

Contact: Mickey Camp, Warden, Clayton County Correctional Institution, 12010 Hastings Bridge Road, Lovejoy, GA 30250, 706-473-5777

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: State, county
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Suburb
Amount of land: 13 acres

Dimensions

Total GSF: 33,500
Total NSF: Unknown
Corrections GSF: 33,500
Corrections NSF: Unknown
Housing area GSF: 18,700
Housing area NSF: Unknown
GSF per inmate (design): 540
GSF per inmate (current): 168
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 1,813 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: January 1991
Finish date: March 1992
Construction time: 14 months

Costs

Total: \$2,300,000
Building only: Unknown
Final construction cost: Lower
Housing area: \$1,200,000
Housing per inmate: \$21,428
Housing per cell: \$300,000
Total per inmate: \$8,664
Total per GSF: \$67.76
Total per NSF: Unknown
Total annual operating costs: \$1,899,500

Construction type

Structural: Steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 246

Special population

Single occupancy: 6
Double occupancy: 0
Dorms: 0

Total design: 252
Current population: June 1992: 200

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): 50
Inmates per unit (current): 50
Management type (design): Remote surveillance
Management type (current): Intermittent and remote surveillance
Means to handle crowding: N/A

Total officers per unit

Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Single fence; costs included

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 5
Security: 40
Programs and treatment: 1
Maintenance: 0
Total: 46
Current inmate/staff ratio: 4.3:1
Contracted services: N/A

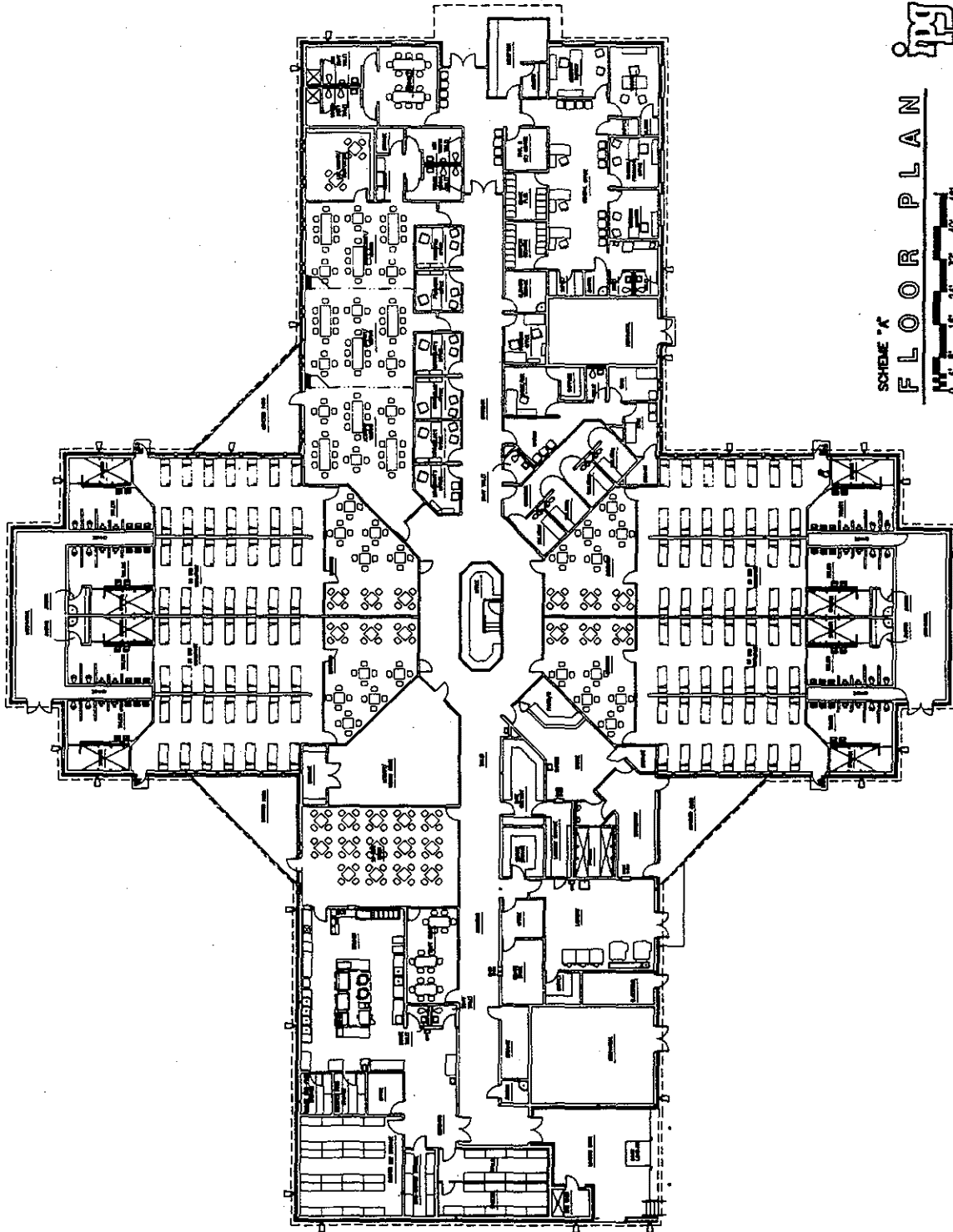
Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition
Negative: Complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: N/A
Negative: N/A



Coastal Correctional Institution

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Patrick Donaldson, Warden, Coastal Correctional Institution, P.O. Box 7150, Garden City, GA 31048-7150, 912-964-9330

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Suburb
Amount of land: Unknown

Dimensions

Total GSF: 22,575
Total NSF: Unknown
Corrections GSF: 22,575
Corrections NSF: Unknown
Housing area GSF: 16,870
Housing area NSF: Unknown
GSF per inmate (design): 113
GSF per inmate (current): 113
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 3,600 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard

Time

Groundbreaking: April 1989
Finish date: August 1989
Construction time: 5 months

Costs

Total: \$2,030,000
Building only: \$2,000,000
Final construction cost: Unknown
Housing area: \$1,625,000
Housing per inmate: \$8,125
Housing per cell: \$406,250
Total per inmate: \$10,150
Total per GSF: \$89.92
Total per NSF: Unknown
Total annual operating costs: \$13,500,000

Construction type

Structural: Steel frame
Exterior walls: Brick
Interior walls: CMU block
Exterior surface or facade: Brick
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 200

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 200

Current population: July 1992: 200

Inmate housing areas

Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 50
Inmates per unit (current): 50
Management type (design): Remote surveillance
Management type (current): Direct supervision
Means to handle crowding: Transfer to another facility
Total officers per unit
Day: 5
Evening: 4
Midnight: 3

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: Limited; pre-engineered structure

Security

Perimeter: Single fence, razor wire between fence(s), perimeter patrols; costs included

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 0
Security: 25
Programs and treatment: 4
Maintenance: 1
Total: 30
Current inmate/staff ratio: 6.7:1
Contracted services: Medical

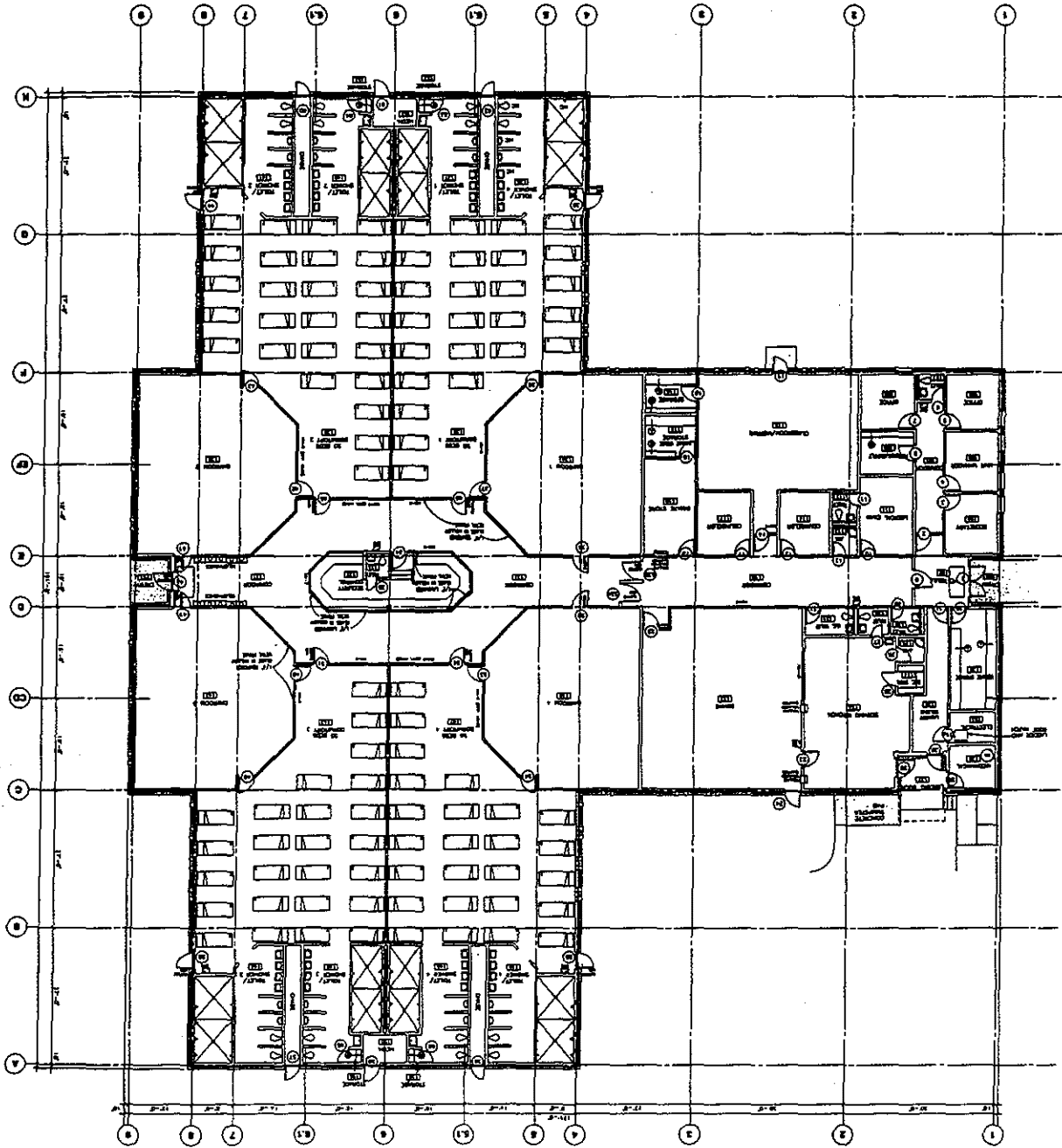
Architect's reported analysis

Factors affecting construction costs

Positive: Prefabricated components; simple construction methods, phased construction (fast track); good competition; less expensive materials
Negative: N/A

Factors affecting time schedule

Positive: Prefabricated components; simple construction methods, phased construction (fast track); advanced order of materials; coordination of design
Negative: N/A



Georgia Diagnostic and Classification Center

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Walter Zant, Warden, Georgia Diagnostic and Classification Center, P.O. Box 3877, Jackson, GA 30233, 706-775-3161

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Rural
Amount of land: Unknown

Dimensions

Total GSF: 22,575
Total NSF: Unknown
Corrections GSF: 22,575
Corrections NSF: Unknown
Housing area GSF: 16,870
Housing area NSF: Unknown
GSF per inmate (design): 113
GSF per inmate (current): 113
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 3,600 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas
Windows: Standard

Time

Groundbreaking: April 1989
Finish date: September 1989
Construction time: 5 months

Costs

Total: \$2,108,944
Building only: Unknown
Final construction cost: Higher
Housing area: \$1,625,000
Housing per inmate: \$8,125
Housing per cell: N/A
Total per inmate: \$10,545
Total per GSF: \$93.42
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Steel frame
Exterior walls: Brick
Interior walls: CMU block
Exterior surface or facade: Brick
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population
Single occupancy: 0
Double occupancy: 0
Dorms: 200
Special population
Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 200
Current population: July 1992: 200

Inmate housing areas

Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 50
Inmates per unit (current): 50
Management type (design): Remote surveillance
Management type (current): Remote surveillance
Means to handle crowding: Mattresses on floor
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: Limited; pre-engineered structure

Security

Perimeter: Single fence, razor wire on fence(s), perimeter patrols; costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

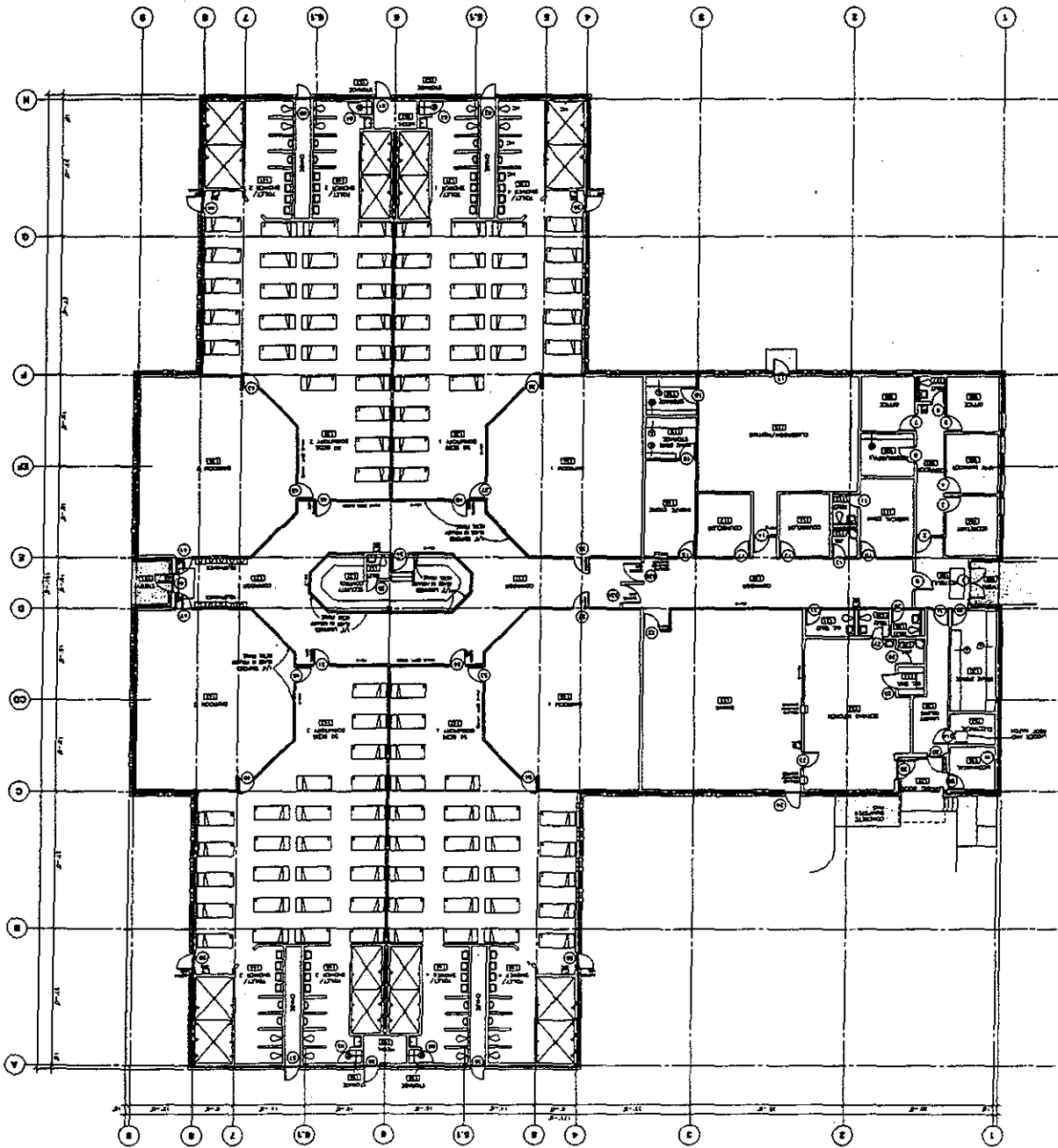
Current staff

Full-time equivalent
Administration: 0
Security: 28
Programs and treatment: 6
Maintenance: 0
Total: 34
Current inmate/staff ratio: 5.9:1
Contracted services: Medical, nursing and physician assistants only

Architect's reported analysis

Factors affecting construction costs
Positive: Prefabricated components; simple construction methods, phased construction (fast track); good competition; less expensive materials
Negative: N/A

Factors affecting time schedule
Positive: Prefabricated components; simple construction methods, phased construction (fast track); advanced order of materials; coordination of design
Negative: N/A



Georgia Women's Correctional Institute

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Mary Esposito, Warden, Georgia Women's Correctional Institute, P.O. Box 218, Hardwick, GA 31034, 912-453-5218

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Rural
Amount of land: Unknown

Dimensions

Total GSF: 22,575
Total NSF: Unknown
Corrections GSF: 22,575
Corrections NSF: Unknown
Housing area GSF: 16,870
Housing area NSF: Unknown
GSF per inmate (design): 113
GSF per inmate (current): 31
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 3,600 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for dorms and common areas, manual alarm stations
Windows: Standard

Time

Groundbreaking: April 1989
Finish date: September 1989
Construction time: 5 months

Costs

Total: \$2,030,000
Building only: \$2,000,000
Final construction cost: Lower
Housing area: \$1,625,000
Housing per inmate: \$8,125
Housing per cell: \$406,250
Total per inmate: \$10,150
Total per GSF: \$89.92
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Steel frame
Exterior walls: Brick
Interior walls: CMU block
Exterior surface or facade: Brick
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population
Single occupancy: 0
Double occupancy: 0
Dorms: 200

Special population
Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 200
Current population: April 1993: 722

Inmate housing areas

Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 50
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Direct supervision
Means to handle crowding: Transfer to another facility
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: Limited; pre-engineered structure

Security

Perimeter: Single fence, razor wire on fence(s), perimeter patrols; costs included

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 5
Security: 202
Programs and treatment: 24
Maintenance: 3
Total: 234
Current inmate/staff ratio: 3.1:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

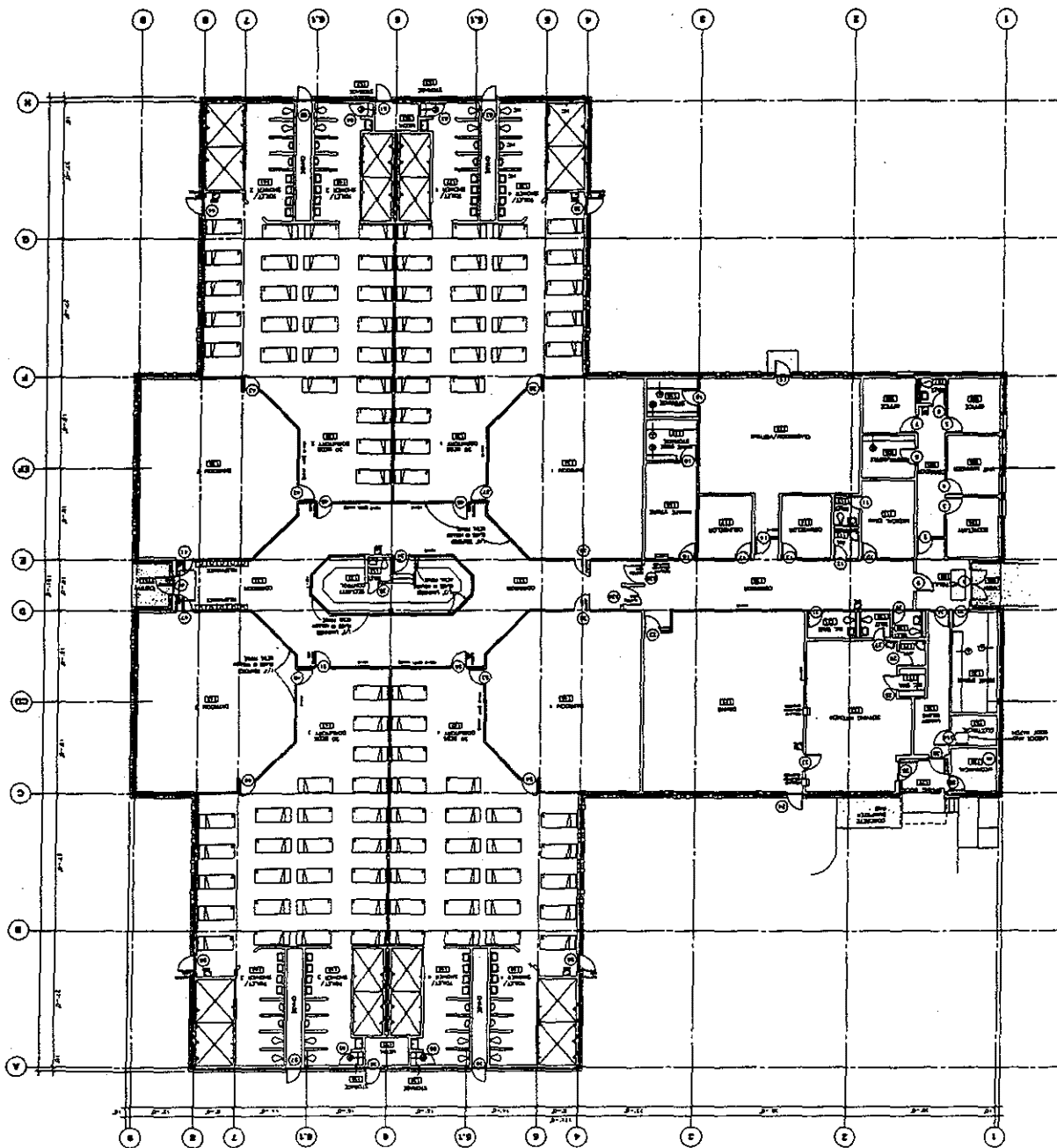
Positive: Prefabricated components; simple construction methods, phased construction (fast track); good competition; less expensive materials

Negative: N/A

Factors affecting time schedule

Positive: Prefabricated components; simple construction methods, phased construction (fast track); advanced order of materials; coordination of design

Negative: N/A



Glynn County Detention Center

Responsible official: Sheriff, Glynn County

Contact: Ronald Corbett, Jail Administrator, Glynn County Detention Center, 1812 Newcastle Street, Brunswick, GA 31520, 912-267-5664

Architect: Hansen Lind Meyer, 800 North Magnolia Avenue, Suite 1100, Orlando, FL 32803, 407-422-7061

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: Federal, State, county
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Clusters
Complex use: N/A
Facility location: Urban
Amount of land: Unknown

Dimensions

Total GSF: 86,413
Total NSF: 69,133
Corrections GSF: 86,413
Corrections NSF: 69,133
Housing area GSF: 33,017
Housing area NSF: 23,584
GSF per inmate (design): 302
GSF per inmate (current): 384
NSF per inmate (design): 242
NSF per inmate (current): 307
Size of cells: 96 (single and double)
Net/gross square feet: 80%

Inmate design capacity

General population

Single occupancy: 74
Double occupancy: 196
Dorms: 0

Special population

Single occupancy: 16
Double occupancy: 0
Dorms: 0

Total design: 286

Current population: September 1992: 225

Inmate housing areas

Design: Modular/pod
Cells per unit: 31
Inmates per unit (design): 64
Inmates per unit (current): 56
Management type (design): Direct supervision
Management type (current): Remote surveillance, direct supervision
Means to handle crowding: N/A

Total officers per unit

Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: Local special, time-limited tax levy
Use of inmate labor: None
Use of prefabrication: None

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Sliding, motor driven and remote locking, manual locking
Floor surface: Carpet, vinyl tile
Intercom: Two-way to cells, audio sound threshold
HVAC: Steam heat
Plumbing: Stainless steel, china, stainless steel combination unit
Furniture: Steel, vinyl/plastic
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Special security and fixed

Security

Perimeter: Building exterior only, video camera surveillance; costs included

Inmate security level

Maximum: 15%
Medium: 55%
Minimum: 30%

Current staff

Full-time equivalent

Administration: 8
Security: 57
Programs and treatment: 1
Maintenance: 1
Total: 67

Current inmate/staff ratio: 3.4:1

Contracted services: Medical, food

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition
Negative: Complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Simple construction methods
Negative: Labor problems; complex electronic, mechanical, and electrical systems

Time

Groundbreaking: Unknown
Finish date: April 1989
Construction time: 18 months

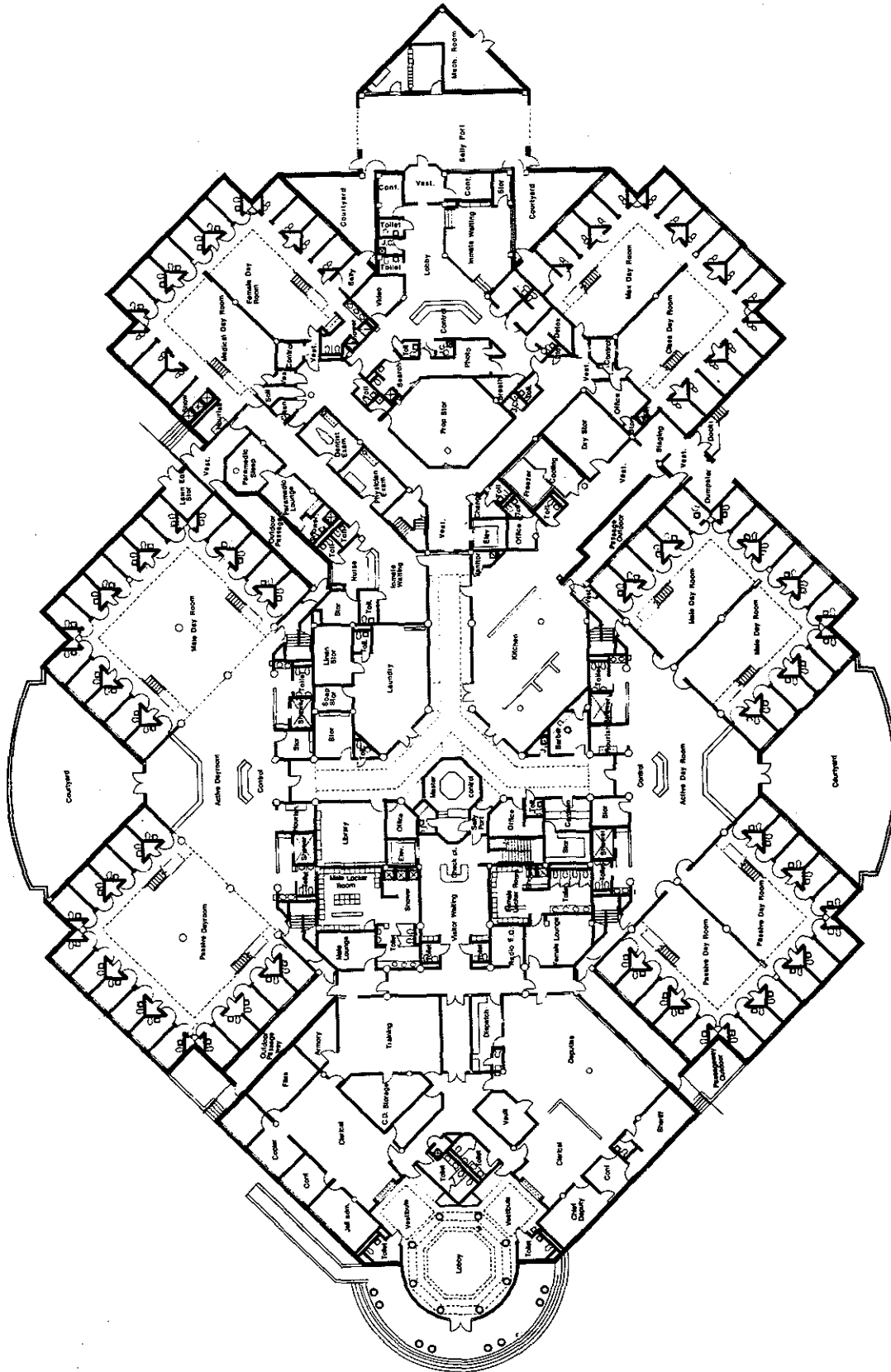
Costs

Total: \$9,171,160
Building only: \$8,761,158
Final construction cost: Lower
Housing area: \$3,730,000
Housing per inmate: \$13,815
Housing per cell: \$21,686
Total per inmate: \$32,067
Total per GSF: \$106.13
Total per NSF: \$132.66
Total annual operating costs: \$2,332,902

Construction type

Structural: Steel frame, load-bearing masonry
Exterior walls: Cast-in-place concrete, CMU block
Interior walls: CMU block
Exterior surface or facade: Brick
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels

FIRST FLOOR PLAN



Hays Correctional Institute—Bootcamp

Responsible official: Commissioner, Georgia Department of Corrections

Contact: John Crawford, Unit Manager, Hays Correctional Institute—Bootcamp, P.O. Box 668, Trion, GA 30753, 706-857-7489

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Rural
Amount of land: 186 acres

Time

Groundbreaking: June 1991
Finish date: October 1992
Construction time: 12 months

Costs

Total: \$5,000,000
Building only: \$4,700,000
Final construction cost: Lower
Housing area: \$4,600,000
Housing per inmate: \$20,536
Housing per cell: \$1,150,000
Total per inmate: \$22,321
Total per GSF: \$31.76
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Steel frame
Exterior walls: Cast-in-place concrete
Interior walls: Cast-in-place concrete
Exterior surface or facade: Natural wall
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Dimensions

Total GSF: 157,450
Total NSF: Unknown
Corrections GSF: 157,450
Corrections NSF: Unknown
Housing area GSF: 13,780
Housing area NSF: Unknown
GSF per inmate (design): 703
GSF per inmate (current): 2,624
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 2,808 (dorm)
Net/gross square feet: Unknown

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 224

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 224

Current population: January 1993: 600

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): 56
Inmates per unit (current): 48
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 3
Evening: 3
Midnight: 2

Construction process

Contract method: Multiple bid packages (fast track), inmate construction
Finance method: State general obligation bonds
Use of inmate labor: Extensive; everything except structure
Use of prefabrication: Extensive; preengineered structure

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: One-way to cells and common areas
HVAC: Heating/air circulation only
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard and bars

Security

Perimeter: Single fence; costs included

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 5
Security: 21
Programs and treatment: 10
Maintenance: 1
Total: 37
Current inmate/staff ratio: 1.6:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs

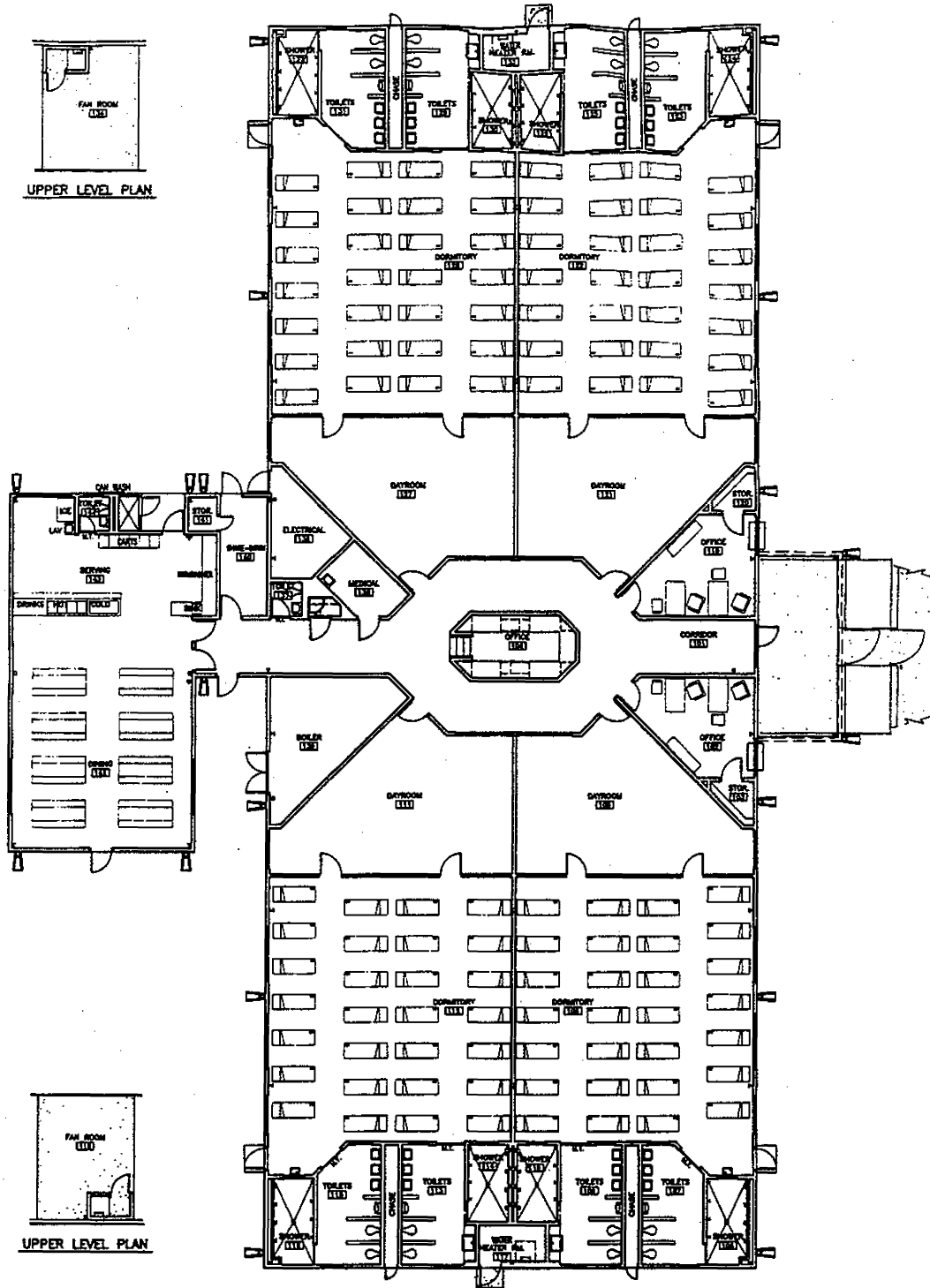
Positive: Prefabricated components, simple construction methods, less expensive materials

Negative: Government procedures and regulations

Factors affecting time schedule

Positive: Prefabricated components, simple construction methods

Negative: Labor problems, government procedures and regulations, inmate labor



Henry County Jail

Responsible official: Sheriff, Henry County

Contact: Gregory Pope, Major, Henry County Jail, 120 Henry Parkway, McDonough, GA 30253, 706-954-2236

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: BLI Construction, 3384 Peachtree Road, Suite 713, Atlanta, GA 30326, 706-261-4053

Facility type: County jail

Jurisdiction type: Federal, State, county

Commitment type: Pretrial, sentenced

Category: New construction
(independent facility)

Building configuration: Clusters

Complex use: N/A

Facility location: Rural

Amount of land: 4 acres

Dimensions

Total GSF: 55,591

Total NSF: Unknown

Corrections GSF: 36,881

Corrections NSF: Unknown

Housing area GSF: 23,147

Housing area NSF: Unknown

GSF per inmate (design): 300

GSF per inmate (current): 505

NSF per inmate (design): Unknown

NSF per inmate (current): Unknown

Size of cells: 100 (double), 2,300 (dorm)

Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel

Type(s) of doors: Sliding

Type(s) of locks: Motor driven and remote locking

Floor surface: Sealed concrete

Intercom: One-way to cells, two-way to common areas

HVAC: Forced air

Plumbing: Stainless steel, stainless steel combination unit

Furniture: Steel

Fire protection: Smoke detectors for cells, sprinklers for cells and common areas, manual alarm stations

Windows: Slit

Time

Groundbreaking: August 1990

Finish date: February 1992

Construction time: 19 months

Costs

Total: \$5,600,000

Building only: \$5,340,000

Final construction cost: Higher

Housing area: \$2,818,000

Housing per inmate: \$16,576

Housing per cell: \$33,153

Total per inmate: \$32,941

Total per GSF: \$100.74

Total per NSF: Unknown

Total annual operating costs: \$3,348,342

Construction type

Structural: Load-bearing CMU block

Exterior walls: CMU block

Interior walls: Cast-in-place concrete, CMU block

Exterior surface or facade: CMU block

Electronic technology systems: CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population

Single occupancy: 0

Double occupancy: 72

Dorms: 88

Special population

Single occupancy: 0

Double occupancy: 10

Dorms: 4

Total design: 170

Current population: October 1992: 110

Inmate housing areas

Design: Modular/pod

Cells per unit: Unknown

Inmates per unit (design): Unknown

Inmates per unit (current): Unknown

Management type (design): Remote surveillance

Management type (current): Intermittent and remote surveillance

Means to handle crowding: N/A

Total officers per unit

Day: N/A

Evening: N/A

Midnight: N/A

Construction process

Contract method: Multiple bid packages (fast track)

Finance method: Local special, time-limited tax levy

Use of inmate labor: None

Use of prefabrication: None

Security

Perimeter: Single fence, razor wire on fence(s); costs included

Inmate security level

Maximum: 48%

Medium: 38%

Minimum: 14%

Current staff

Full-time equivalent

Administration: 3

Security: 40

Programs and treatment: 3

Maintenance: 0

Total: 46

Current inmate/staff ratio: 2.4:1

Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

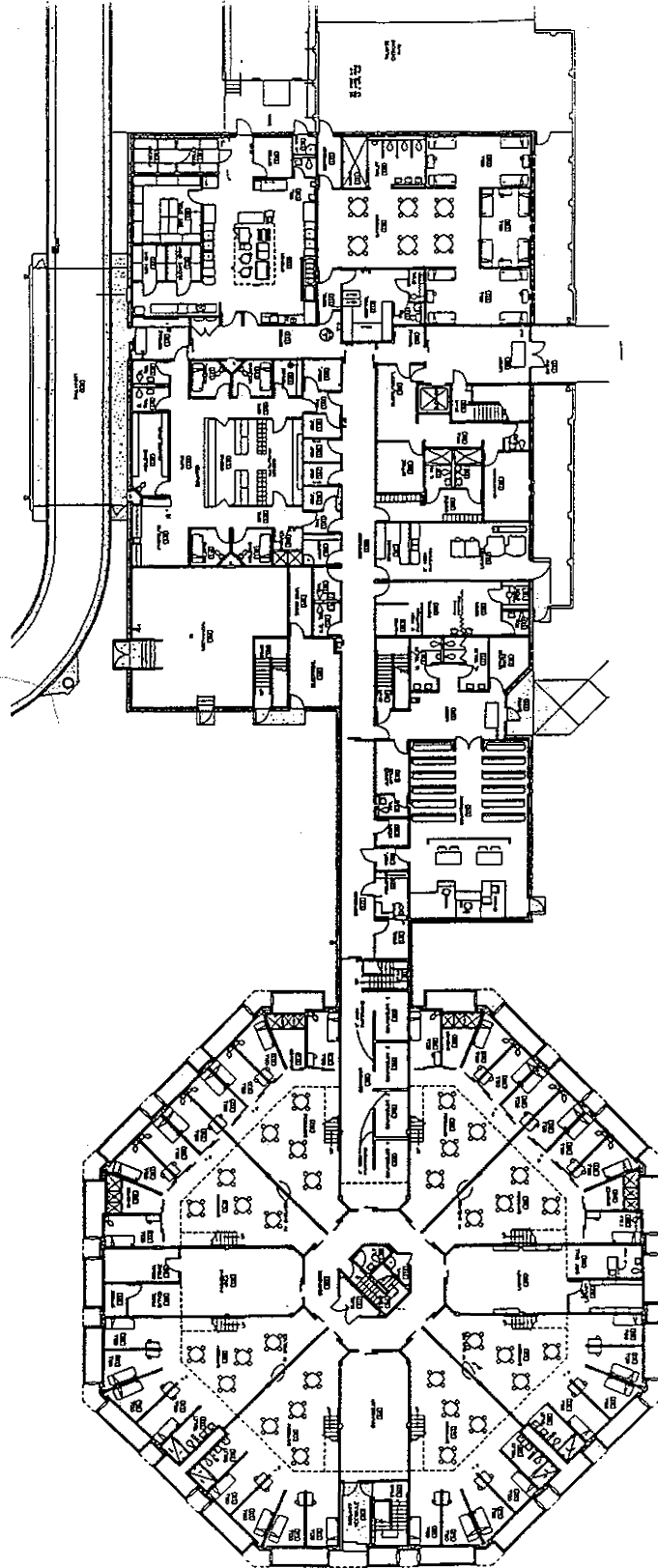
Positive: Simple construction methods

Negative: Complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Coordination of design

Negative: Complex electronic, mechanical, and electrical systems



Homerville Parole Center

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Jerry Lightsey, Superintendent, Homerville Parole Center, 700 Reddick Road, Homerville, GA 31634, 912-487-3244

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Rural
Amount of land: 16 acres

Time

Groundbreaking: June 1991
Finish date: May 1992
Construction time: 12 months

Costs

Total: \$500,000
Building only: \$470,000
Final construction cost: Lower
Housing area: \$460,000
Housing per inmate: \$2,054
Housing per cell: \$115,000
Total per inmate: \$2,232
Total per GSF: \$31.76
Total per NSF: Unknown
Total annual operating costs: \$2,636,940

Construction type

Structural: Steel frame
Exterior walls: Cast-in-place concrete
Interior walls: Cast-in-place concrete
Exterior surface or facade: Natural wall
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Dimensions

Total GSF: 15,745
Total NSF: Unknown
Corrections GSF: 15,745
Corrections NSF: Unknown
Housing area GSF: 13,780
Housing area NSF: Unknown
GSF per inmate (design): 70
GSF per inmate (current): 157
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 2,808 (dorm)
Net/gross square feet: Unknown

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 224

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 224

Current population: July 1993: 100

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): 56
Inmates per unit (current): Unknown
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 3
Evening: 3
Midnight: 3

Construction process

Contract method: Inmate construction
Finance method: State general obligation bonds
Use of inmate labor: Extensive; everything except structure
Use of prefabrication: Limited; pre-engineered structure

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: One-way to cells and common areas
HVAC: Heating/air circulation only
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard and bars

Security

Perimeter: Single fence; costs included

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 19
Security: 40
Programs and treatment: 10
Maintenance: 2
Total: 71
Current inmate/staff ratio: 1.4:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

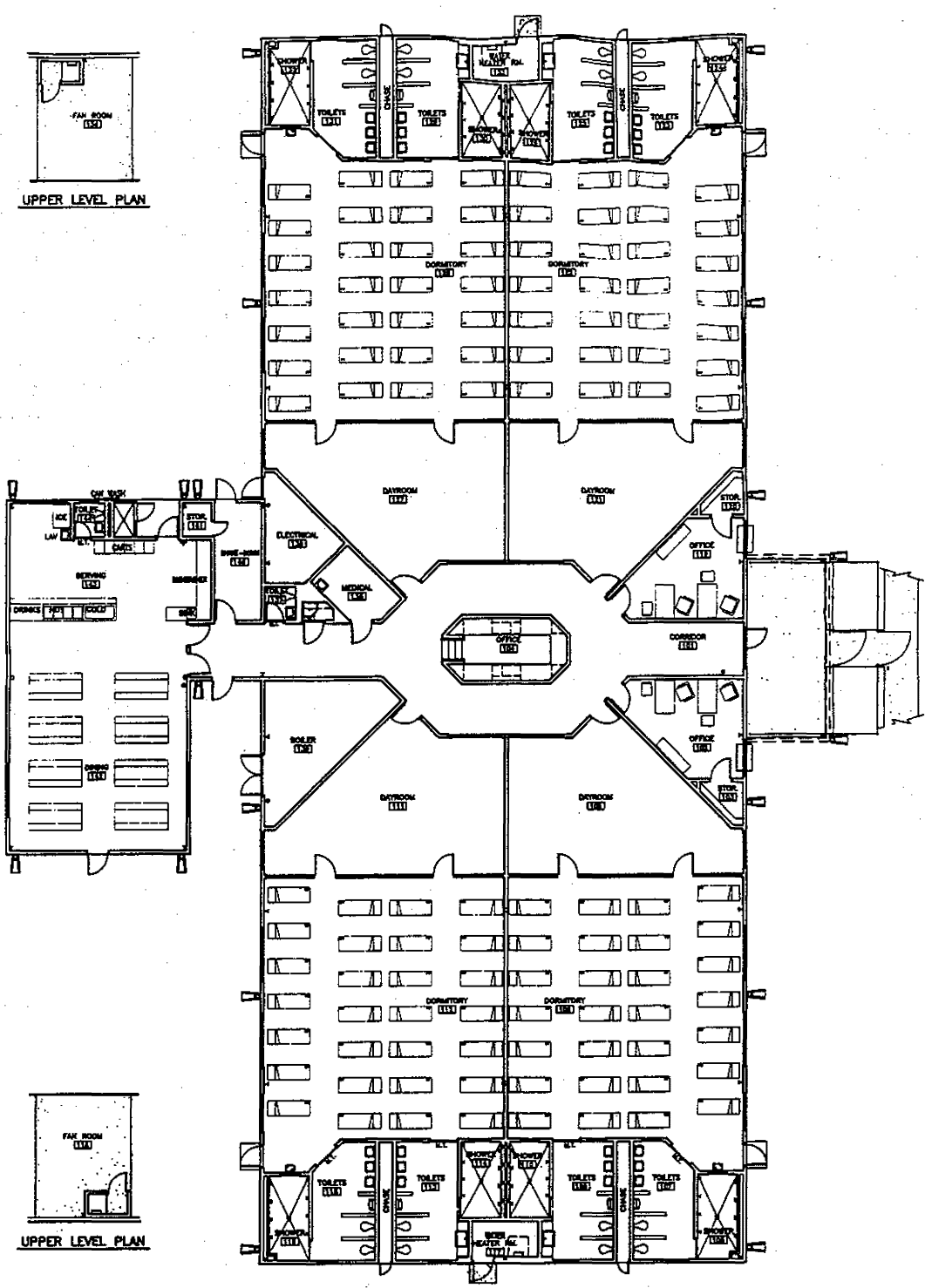
Positive: Prefabricated components, simple construction methods, less expensive materials

Negative: Government procedures and regulations

Factors affecting time schedule

Positive: Prefabricated components, simple construction methods

Negative: Labor problems, government procedures and regulations



I.W. Davis Probation Detention Center

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Corrie Byrd, Director, I.W. Davis Probation Detention Center, Box 250, County Farm Road, P.O. Box 730, Jefferson, GA 30549, 706-367-1732

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Rural
Amount of land: 13 acres

Dimensions

Total GSF: 31,642
Total NSF: Unknown
Corrections GSF: 31,642
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 205
GSF per inmate (current): 911
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 2,220 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard

Time

Groundbreaking: June 1987
Finish date: January 1990
Construction time: 19 months

Costs

Total: \$2,313,255
Building only: \$2,313,255
Final construction cost: Lower
Housing area: \$950,000
Housing per inmate: \$6,250
Housing per cell: \$237,500
Total per inmate: \$15,021
Total per GSF: \$73.10
Total per NSF: Unknown
Total annual operating costs: \$1,758,718

Construction type

Structural: Steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 152

Special population

Single occupancy: 2
Double occupancy: 0
Dorms: 0
Total design: 154
Current population: March 1993: 166

Inmate housing areas

Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 38
Inmates per unit (current): 41
Management type (design): Remote surveillance
Management type (current): Direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 18
Evening: 7
Midnight: 6

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Single fence; costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 8
Security: 31
Programs and treatment: 6
Maintenance: 5
Total: 50
Current inmate/staff ratio: 3.3:1
Contracted services: N/A

Architect's reported analysis

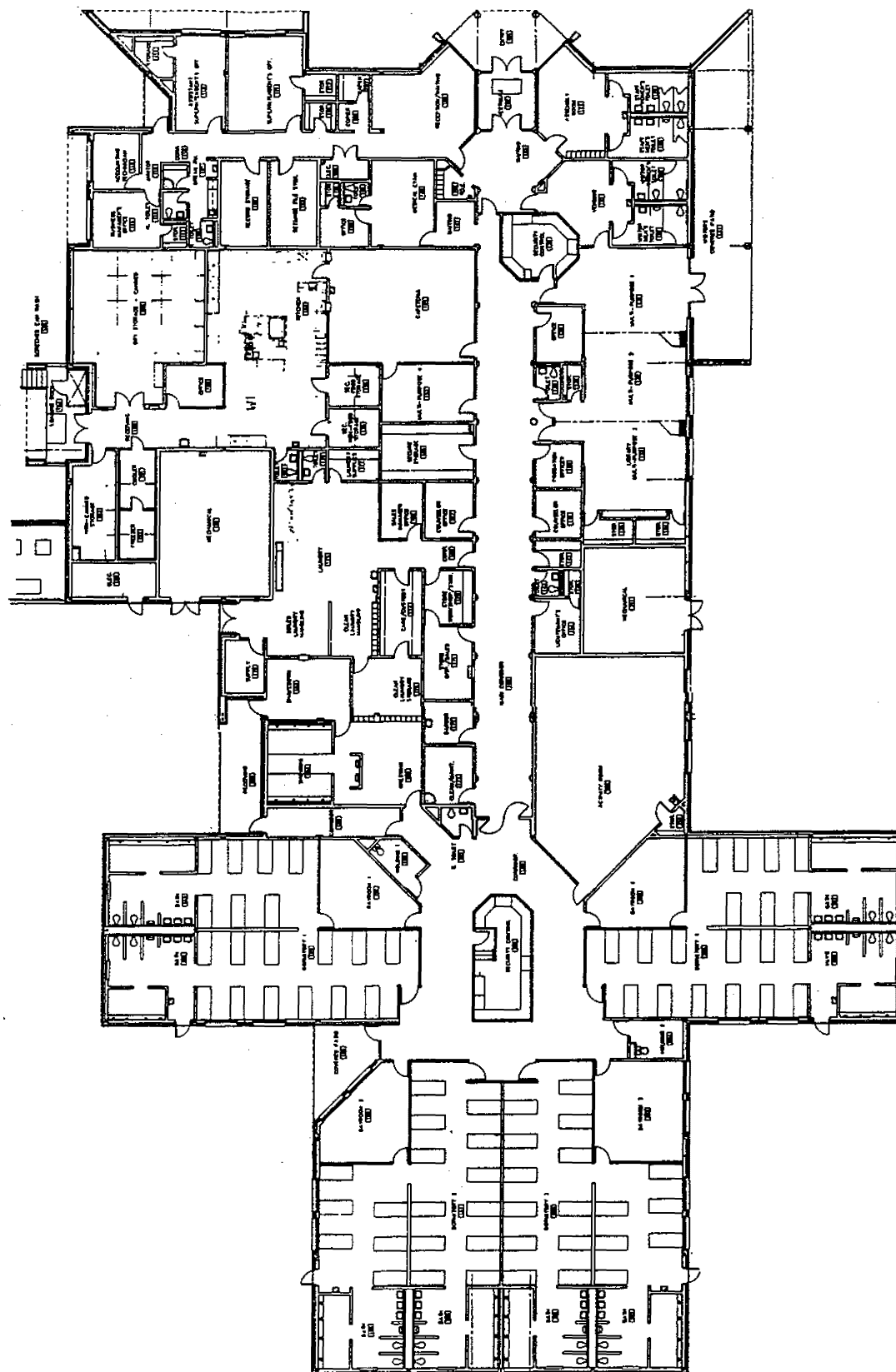
Factors affecting construction costs

Positive: Simple construction methods, good competition

Negative: Government procedures and regulations; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Simple construction methods
Negative: Complex electronic, mechanical, and electrical systems



Lowndes County Jail

Responsible official: Sheriff, Lowndes County

Contact: G. Robert Carter, Sheriff, Lowndes County Jail, 111 Roswell Drive, Valdosta, GA 31601, 912-333-5149

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: Alcon Associates, Inc., 201 Baldwin Drive, Albany, GA 31707, 912-432-7411

Facility type: County jail
Jurisdiction type: County, city
Commitment type: Pretrial, sentenced
Category: Expansion
Building configuration: Clusters
Complex use: N/A
Facility location: Unknown
Amount of land: Unknown

Dimensions

Total GSF: 56,200
Total NSF: Unknown
Corrections GSF: 49,500
Corrections NSF: Unknown
Housing area GSF: 42,788
Housing area NSF: Unknown
GSF per inmate (design): 151
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 90 (double), 420 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: One-way to cells, two-way to common areas
HVAC: Heating/air circulation only, gas heat
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit, special security

Time

Groundbreaking: Unknown
Finish date: June 1992
Construction time: 24 months

Costs

Total: \$5,819,000
Building only: \$5,670,000
Final construction cost: Lower
Housing area: \$4,655,000
Housing per inmate: \$14,192
Housing per cell: Unknown
Total per inmate: \$17,905
Total per GSF: \$103.54
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Precast concrete slabs on CMU-block-bearing walls and steel framing
Exterior walls: Cast-in-place concrete, CMU block, EIFS
Interior walls: Precast panels, cast-in-place concrete, CMU block
Exterior surface or facade: CMU block, EIFS
Electronic technology systems: CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 80
Dorms: 240

Special population

Single occupancy: 4
Double occupancy: 0
Dorms: 4

Total design: 328
Current population: Unknown

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): 8
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Unknown
Means to handle crowding: Unknown
Total officers per unit
Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Multiple bid packages not fast track
Finance method: Local special, time-limited tax levy
Use of inmate labor: None
Use of prefabrication: None

Security

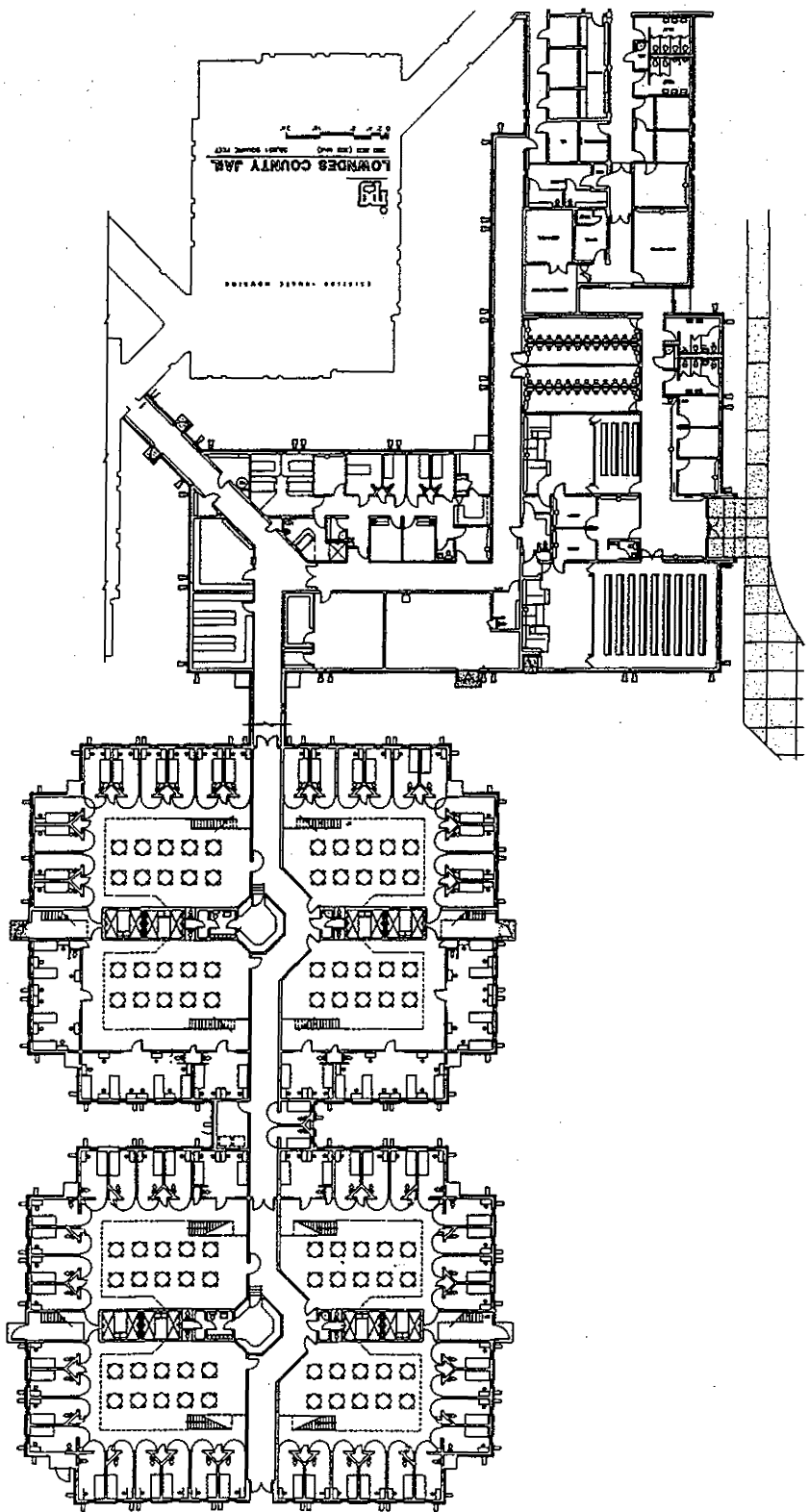
Perimeter: Double fence, razor wire on fence(s); costs included
Inmate security level
Maximum: 25%
Medium: 75%
Minimum: 0

Current staff

Full-time equivalent
Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, less expensive materials
Negative: N/A
Factors affecting time schedule
Positive: N/A
Negative: N/A



Northeast Probation Detention Center

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Johnie M. Garmon, Superintendent, Northeast Probation Detention Center, 797 Beasley Street, Blairsville, GA 30512, 706-745-3610

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: Bowen & Watson, Highway 17 South, P.O. Box 877, Toccoa, GA 30577, 404-886-3197

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Rural
Amount of land: 5 acres

Dimensions

Total GSF: 31,642
Total NSF: Unknown
Corrections GSF: 31,642
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 205
GSF per inmate (current): 191
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 2,220 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard

Time

Groundbreaking: June 1988
Finish date: June 1989
Construction time: 12 months

Costs

Total: \$2,100,000
Building only: \$2,100,000
Final construction cost: Unknown
Housing area: \$950,000
Housing per inmate: \$6,250
Housing per cell: \$237,500
Total per inmate: \$13,636
Total per GSF: \$66.37
Total per NSF: Unknown
Total annual operating costs: \$1,675,135

Construction type

Structural: Steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 152

Special population

Single occupancy: 2
Double occupancy: 0
Dorms: 0

Total design: 154
Current population: October 1992: 166

Inmate housing areas

Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 38
Inmates per unit (current): 42
Management type (design): Remote surveillance
Management type (current): Remote surveillance, direct supervision
Means to handle crowding: Early release

Total officers per unit

Day: 4
Evening: 4
Midnight: 4

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Single fence; costs included

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 8
Security: 33
Programs and treatment: 6
Maintenance: 5
Total: 52

Current inmate/staff ratio: 3.2:1
Contracted services: N/A

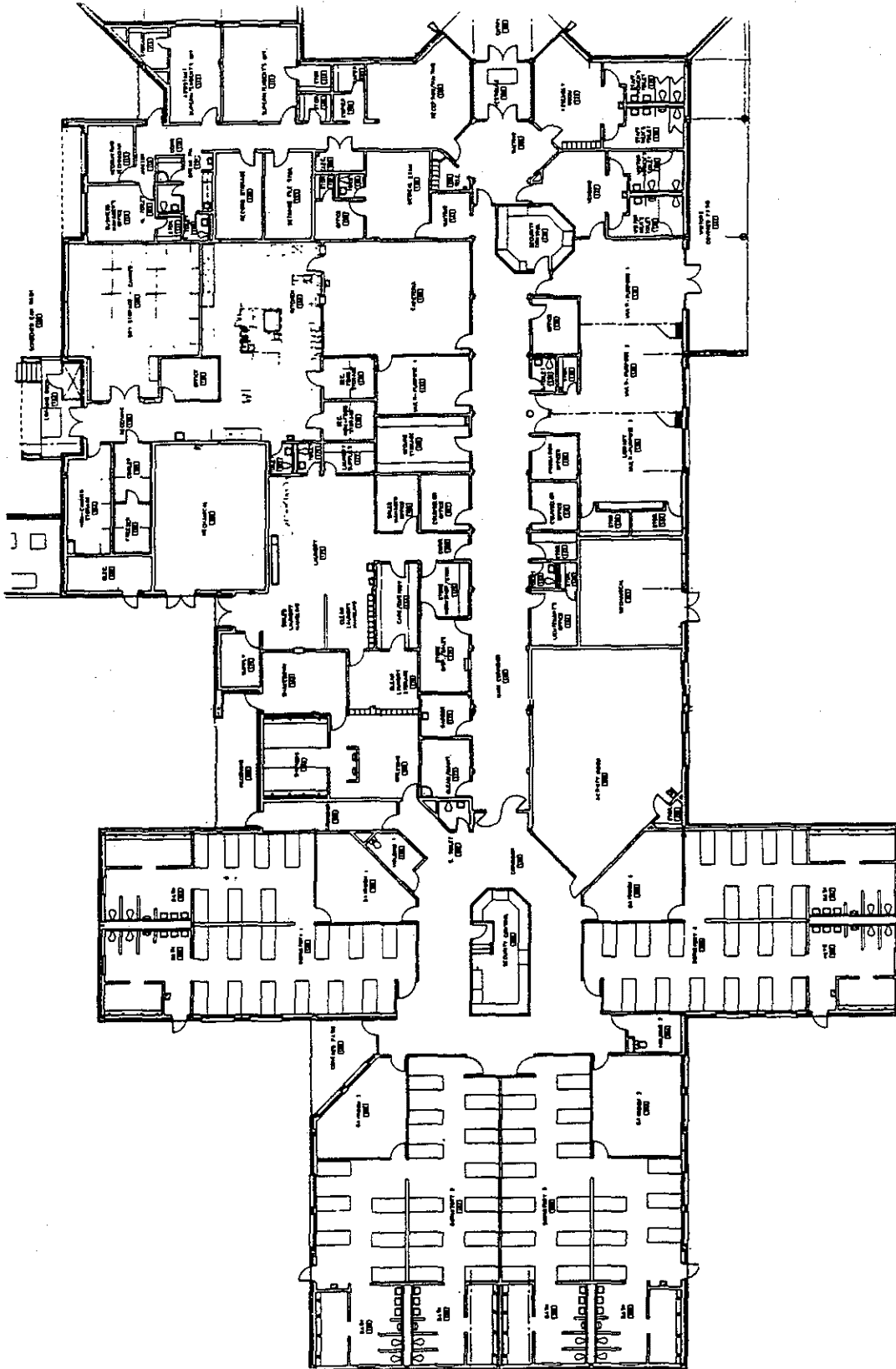
Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition
Negative: Government procedures and regulations; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Simple construction methods
Negative: Complex electronic, mechanical, and electrical systems



Northwest Probation Detention Center

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Jim Deal, Superintendent, Northwest Probation Detention Center, 1030 West Girard Avenue, Cedartown, GA 30125, 706-749-2300

Architect: IPG, Inc., 2722 North Oak Street, P.O. Box 2007, Valdosta, GA 31602, 912-242-3557

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Suburb
Amount of land: Unknown

Dimensions

Total GSF: 31,642
Total NSF: Unknown
Corrections GSF: 31,642
Corrections NSF: Unknown
Housing area GSF: 12,024
Housing area NSF: Unknown
GSF per inmate (design): 205
GSF per inmate (current): 191
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 96 (single), 2,200 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard

Time

Groundbreaking: September 1989
Finish date: August 1990
Construction time: 12 months

Costs

Total: \$2,250,000
Building only: Unknown
Final construction cost: Lower
Housing area: \$950,000
Housing per inmate: \$6,250
Housing per cell: \$237,500
Total per inmate: \$14,610
Total per GSF: \$71.11
Total per NSF: Unknown
Total annual operating costs: \$1,918,998

Construction type

Structural: Steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 152

Special population

Single occupancy: 2
Double occupancy: 0
Dorms: 0

Total design: 154

Current population: January 1993: 166

Inmate housing areas

Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 38
Inmates per unit (current): 42
Management type (design): Remote surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: Transfer to another facility
Total officers per unit
Day: 5
Evening: 3
Midnight: 5

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Single fence; costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

Current staff

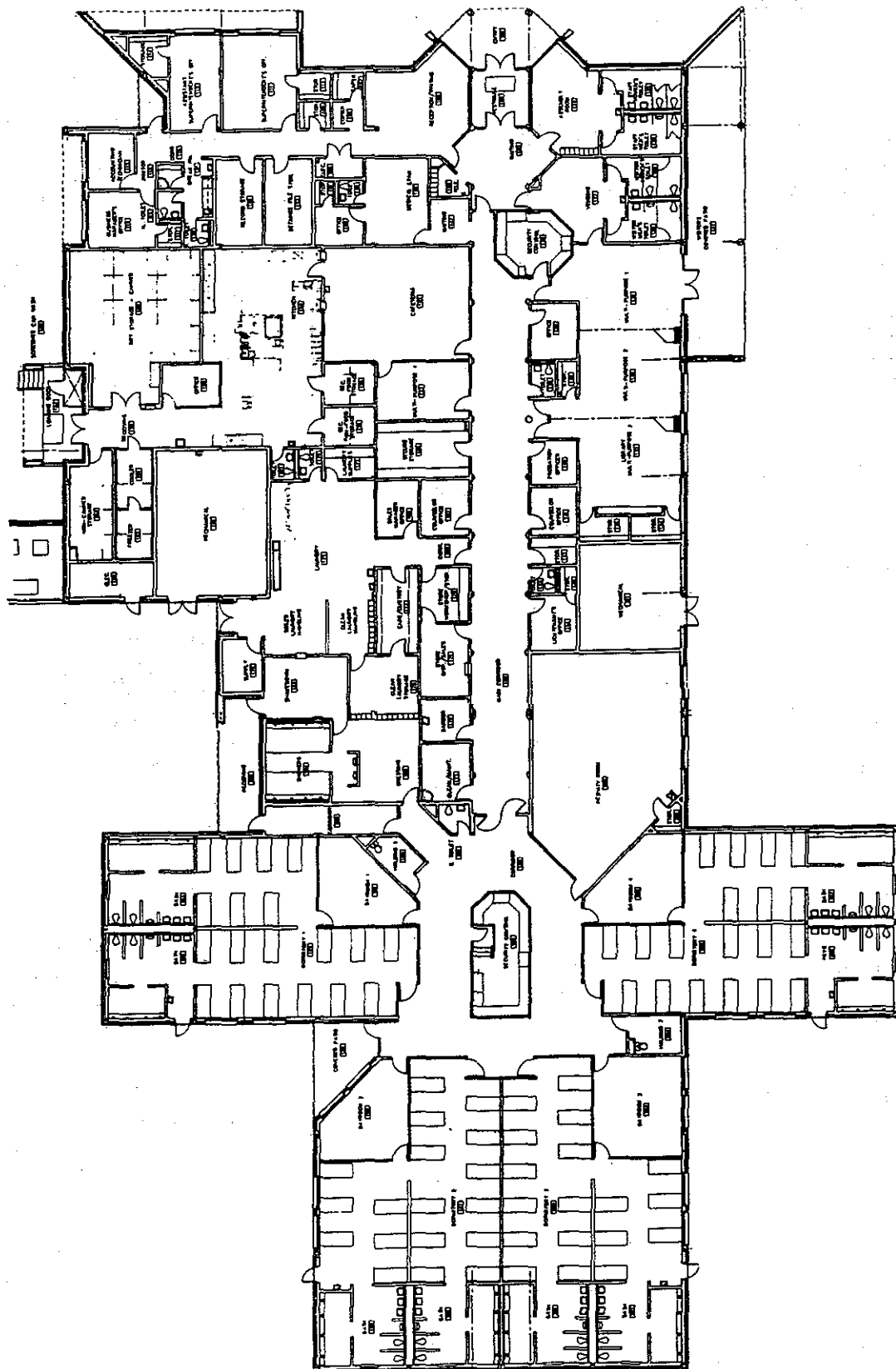
Full-time equivalent

Administration: 8
Security: 28
Programs and treatment: 12
Maintenance: 1
Total: 49
Current inmate/staff ratio: 3.4:1
Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, good competition
Negative: Government procedures and regulations; complex electronic, mechanical, and electrical systems

Factors affecting time schedule
Positive: Simple construction methods
Negative: Complex electronic, mechanical, and electrical systems



Phillips Correctional Institute—Bootcamp

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Rick Abbott, Warden, Phillips Correctional Institute—Bootcamp, 2989 West Rock Quarry Road, Buford, GA 30518, 706-932-4500

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602-2007, 912-242-3557

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Rural
Amount of land: 148 acres

Dimensions

Total GSF: 15,745
Total NSF: Unknown
Corrections GSF: 15,745
Corrections NSF: Unknown
Housing area GSF: 13,780
Housing area NSF: Unknown
GSF per inmate (design): 70
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 2,808 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: One-way to cells and common areas
HVAC: Heating/air circulation only
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard and bars

Time

Groundbreaking: June 1991
Finish date: May 1992
Construction time: 12 months

Costs

Total: \$500,000
Building only: \$470,000
Final construction cost: Lower
Housing area: \$460,000
Housing per inmate: \$2,054
Housing per cell: \$115,000
Total per inmate: \$2,232
Total per GSF: \$31.76
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Steel frame
Exterior walls: Cast-in-place concrete
Interior walls: Cast-in-place concrete
Exterior surface or facade: Natural wall
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 224

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 224
Current population: Unknown

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): 56
Inmates per unit (current): 50
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Unknown
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Multiple bid packages (fast track), inmate construction
Finance method: State general obligation bonds
Use of inmate labor: Extensive; everything except structure
Use of prefabrication: Limited; pre-engineered structure

Security

Perimeter: Single fence; costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent
Administration: 100
Security: 319
Programs and treatment: 0
Maintenance: 14
Total: 433
Current inmate/staff ratio: 1.8:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

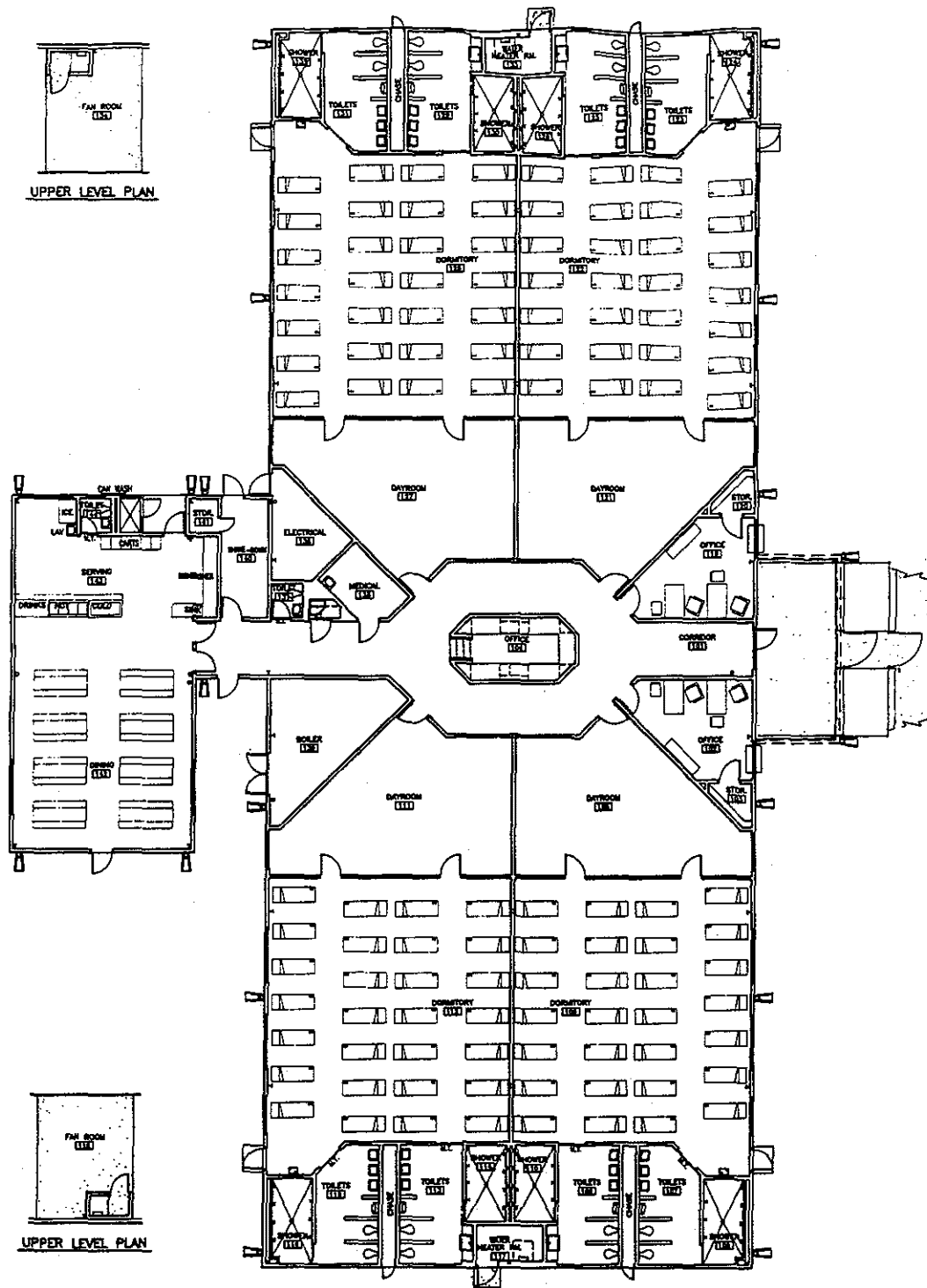
Positive: Prefabricated components, simple construction methods, less expensive materials

Negative: Government procedures and regulations

Factors affecting time schedule

Positive: Prefabricated components, simple construction methods

Negative: Labor problems, government procedures and regulations, inmate labor



Rockdale-Dekalb Probation Detention Center

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Arnold DePetro, Superintendent, Rockdale-Dekalb Probation Detention Center, 2165 Chambers Drive, Conyers, GA 30207, 706-388-5777

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: MG Engineering and Construction, 200 West Park Drive, Suite 300, Peachtree City, GA 30269, 404-487-0343

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Suburb
Amount of land: 7 acres

Dimensions

Total GSF: 31,642
Total NSF: Unknown
Corrections GSF: 31,642
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 205
GSF per inmate (current): 191
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 2,220 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard

Time

Groundbreaking: Unknown
Finish date: Unknown
Construction time: Unknown

Costs

Total: \$2,250,000
Building only: Unknown
Final construction cost: Lower
Housing area: \$950,000
Housing per inmate: \$6,250
Housing per cell: \$237,500
Total per inmate: \$14,610
Total per GSF: \$71.11
Total per NSF: Unknown
Total annual operating costs: \$1,688,030

Construction type

Structural: Steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 152

Special population

Single occupancy: 2
Double occupancy: 0
Dorms: 0

Total design: 154

Current population: July 1992: 166

Inmate housing areas

Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 38
Inmates per unit (current): 41
Management type (design): Remote surveillance
Management type (current): Direct supervision
Means to handle crowding: Waiting list and early releases
Total officers per unit
Day: 9
Evening: 8
Midnight: 5

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Single fence; costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

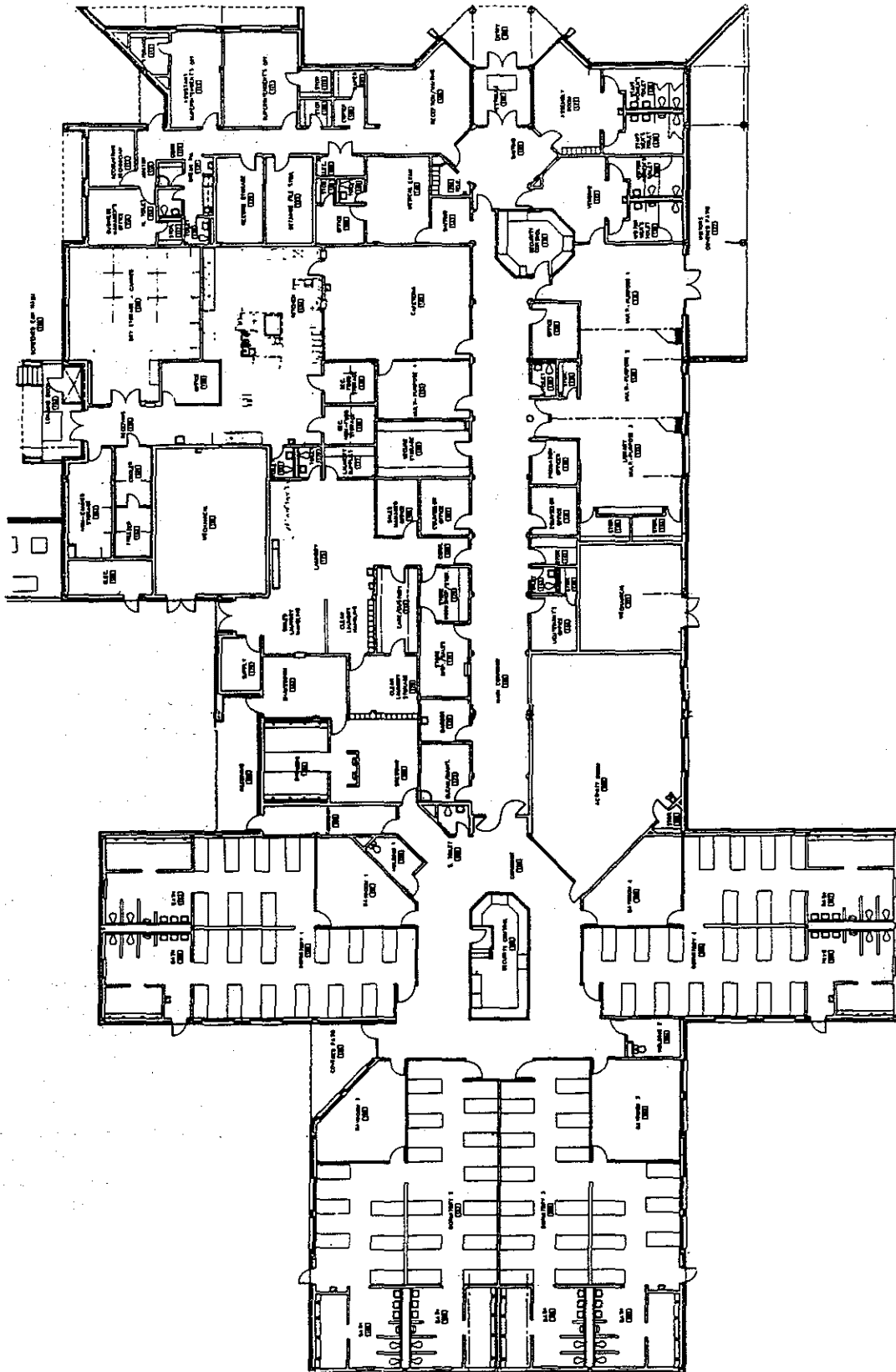
Current staff

Full-time equivalent

Administration: 11
Security: 36
Programs and treatment: 8
Maintenance: 1
Total: 56
Current inmate/staff ratio: 3:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, good competition
Negative: Government procedures and regulations; complex electronic, mechanical, and electrical systems
Factors affecting time schedule
Positive: Simple construction methods
Negative: Complex electronic, mechanical, and electrical systems



Rogers Correctional Institute

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Jackie Trim, Warden, Rogers Correctional Institute, Star Route, Box 5300, Reidsville, GA 30453, 912-557-4771

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structures
Complex use: N/A
Facility location: Unknown
Amount of land: Unknown

Dimensions

Total GSF: 22,575
Total NSF: Unknown
Corrections GSF: 22,575
Corrections NSF: Unknown
Housing area GSF: 16,870
Housing area NSF: Unknown
GSF per inmate (design): 113
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 3,600 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Air-conditioning, gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for dorms and common areas, manual alarm stations
Windows: Standard

Time

Groundbreaking: April 1989
Finish date: September 1989
Construction time: 5 months

Costs

Total: \$2,030,000
Building only: \$2,000,000
Final construction cost: Lower
Housing area: \$1,625,000
Housing per inmate: \$8,125
Housing per cell: Unknown
Total per inmate: \$10,150
Total per GSF: \$89.92
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Steel frame
Exterior walls: Brick
Interior walls: CMU block
Exterior surface or facade: Brick
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 200

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 200
Current population: Unknown

Inmate housing areas

Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 50
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Unknown
Means to handle crowding: Unknown

Total officers per unit

Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: Limited; preengineered structure

Security

Perimeter: Single fence, razor wire on fence(s), perimeter patrols; costs included

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

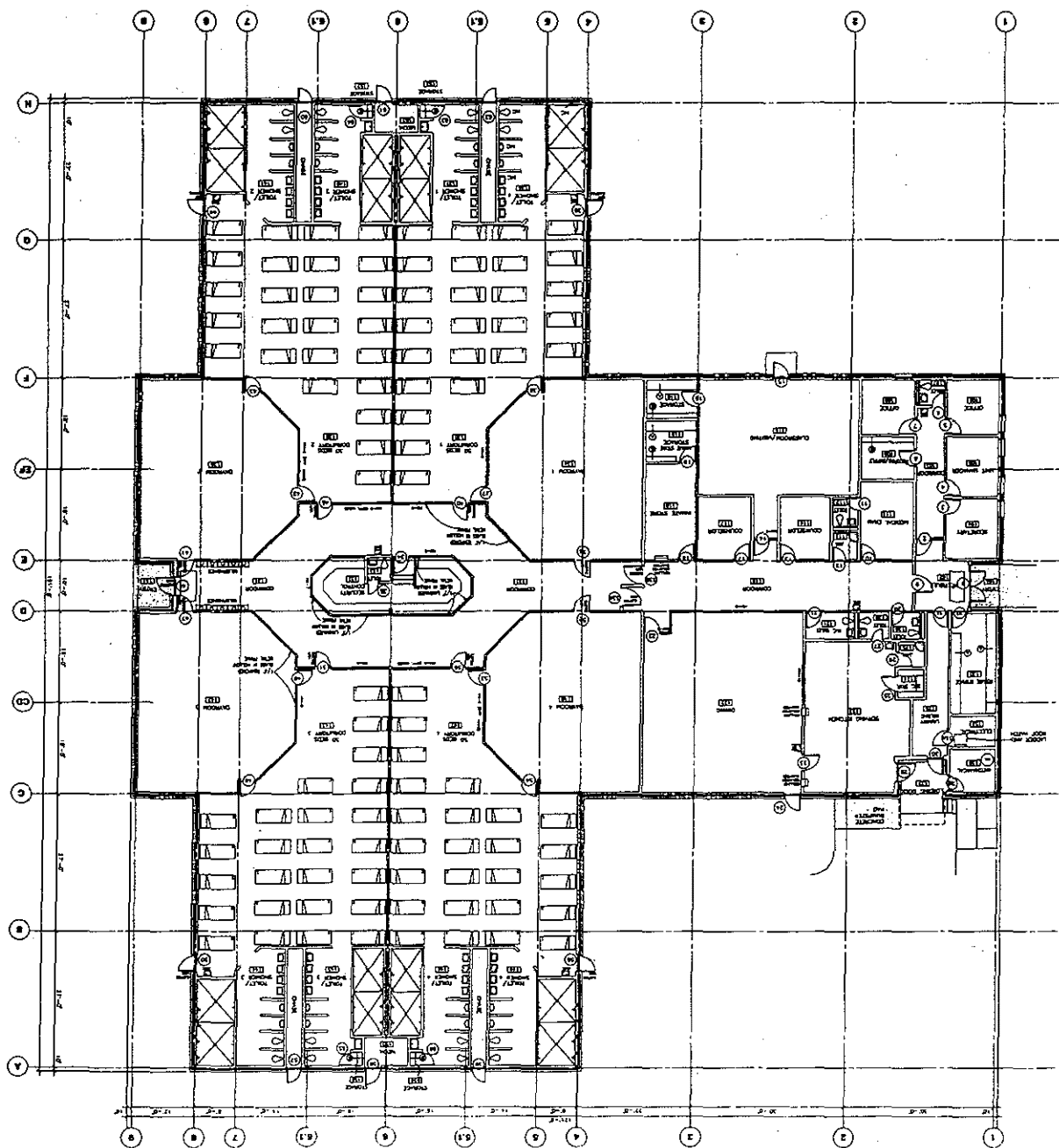
Architect's reported analysis

Factors affecting construction costs

Positive: Prefabricated components; simple construction methods, phased construction (fast track); good competition
Negative: N/A

Factors affecting time schedule

Positive: Prefabricated components; simple construction methods, phased construction (fast track); advanced order of materials
Negative: N/A



Southeast Probation Detention Center

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Robert E. Williams, Superintendent, Southeast District Probation Detention Center, U.S. Highway 301 North, P.O. Box 869, Claxton, GA 30417, 912-739-1911

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: Music and Worth Construction, Route 6, Box 499, Live Oak, FL 32060, 904-658-1598

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Suburb
Amount of land: 9 acres

Dimensions

Total GSF: 31,642
Total NSF: Unknown
Corrections GSF: 31,642
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 205
GSF per inmate (current): 191
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 2,220 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Epoxy coating, vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard

Time

Groundbreaking: Unknown
Finish date: July 1988
Construction time: Unknown

Costs

Total: \$2,250,000
Building only: Unknown
Final construction cost: Unknown
Housing area: \$950,000
Housing per inmate: \$6,250
Housing per cell: \$237,500
Total per inmate: \$14,610
Total per GSF: \$71.11
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 152

Special population

Single occupancy: 2
Double occupancy: 0
Dorms: 0

Total design: 154

Current population: November 1992: 166

Inmate housing areas

Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 38
Inmates per unit (current): 38
Management type (design): Remote surveillance
Management type (current): Intermittent surveillance, direct supervision
Means to handle crowding: Unknown
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: Limited
Use of prefabrication: None

Security

Perimeter: Single fence; costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent
Administration: 13
Security: 29
Programs and treatment: 6
Maintenance: 1
Total: 49
Current inmate/staff ratio: 3.4:1
Contracted services: Unknown

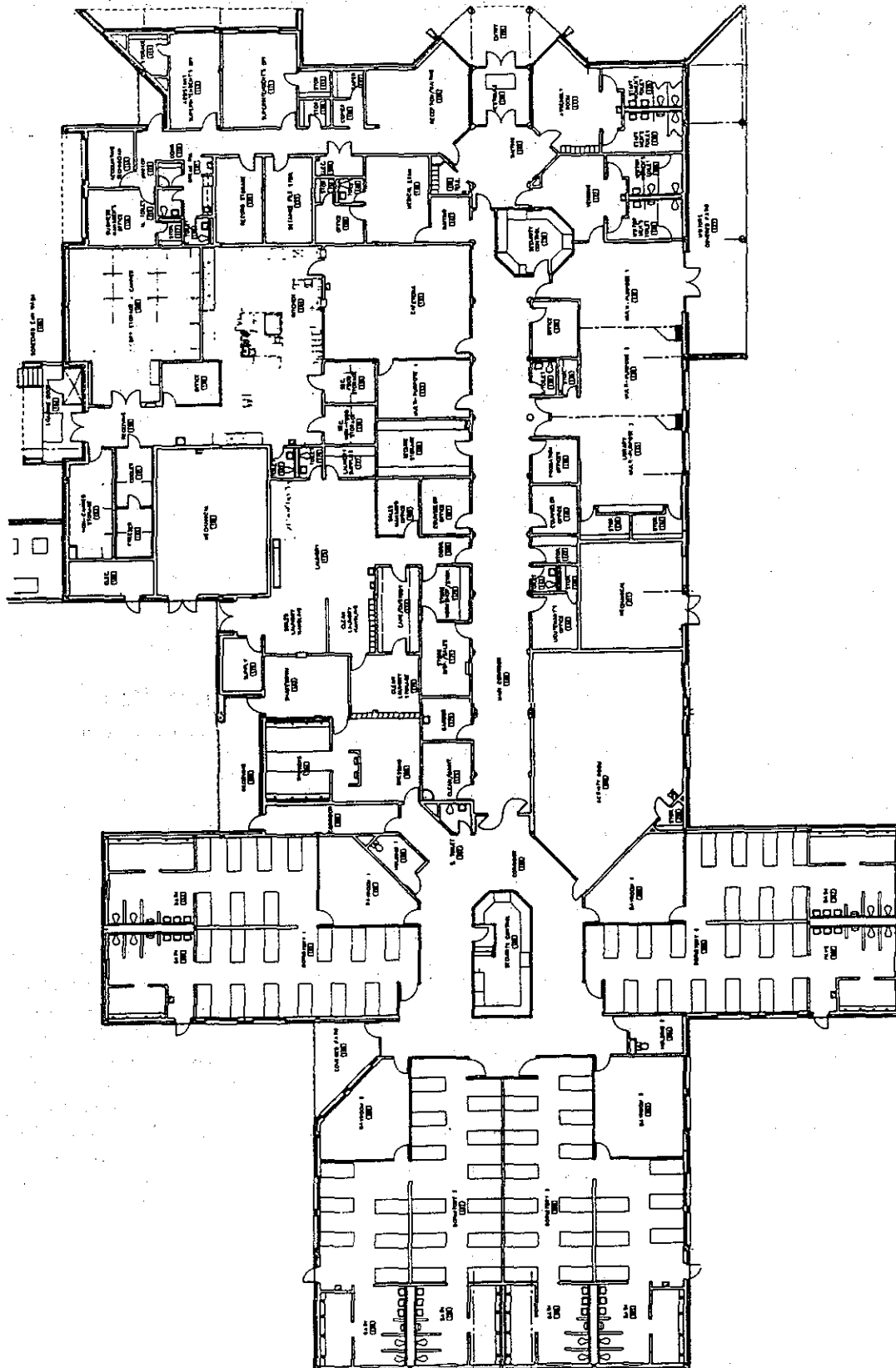
Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, good competition

Negative: Government procedures and regulations; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Simple construction methods
Negative: Complex electronic, mechanical, and electrical systems



Telfair Correctional Institute—Bootcamp

Responsible official: Commissioner, Georgia Department of Corrections

Contact: David Thompson, Warden, Telfair Correctional Institute—Bootcamp, P.O. Box 549, Longbridge Road, Helena, GA 31037, 912-868-7721

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structures
Complex use: N/A
Facility location: Unknown
Amount of land: Unknown

Dimensions

Total GSF: 15,745
Total NSF: Unknown
Corrections GSF: 15,745
Corrections NSF: Unknown
Housing area GSF: 13,780
Housing area NSF: Unknown
GSF per inmate (design): 70
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 2,808 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: One-way to cells and common areas
HVAC: Heating/air circulation only
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for dorms and common areas, manual alarm stations
Windows: Standard and bars

Time

Groundbreaking: June 1991
Finish date: May 1992
Construction time: 11 months

Costs

Total: \$500,000
Building only: \$470,000
Final construction cost: Lower
Housing area: \$460,000
Housing per inmate: \$2,054
Housing per cell: Unknown
Total per inmate: \$2,232
Total per GSF: \$31.76
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Steel frame
Exterior walls: Cast-in-place concrete
Interior walls: Cast-in-place concrete
Exterior surface or facade: Natural wall
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 224

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 224
Current population: Unknown

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): 56
Inmates per unit (current): Unknown
Management type (design): Direct supervision
Management type (current): Unknown
Means to handle crowding: Unknown

Total officers per unit

Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Inmate construction
Finance method: State general obligation bonds
Use of inmate labor: Extensive; Everything except the structure
Use of prefabrication: Limited; pre-engineered structure

Security

Perimeter: Single fence; costs included

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

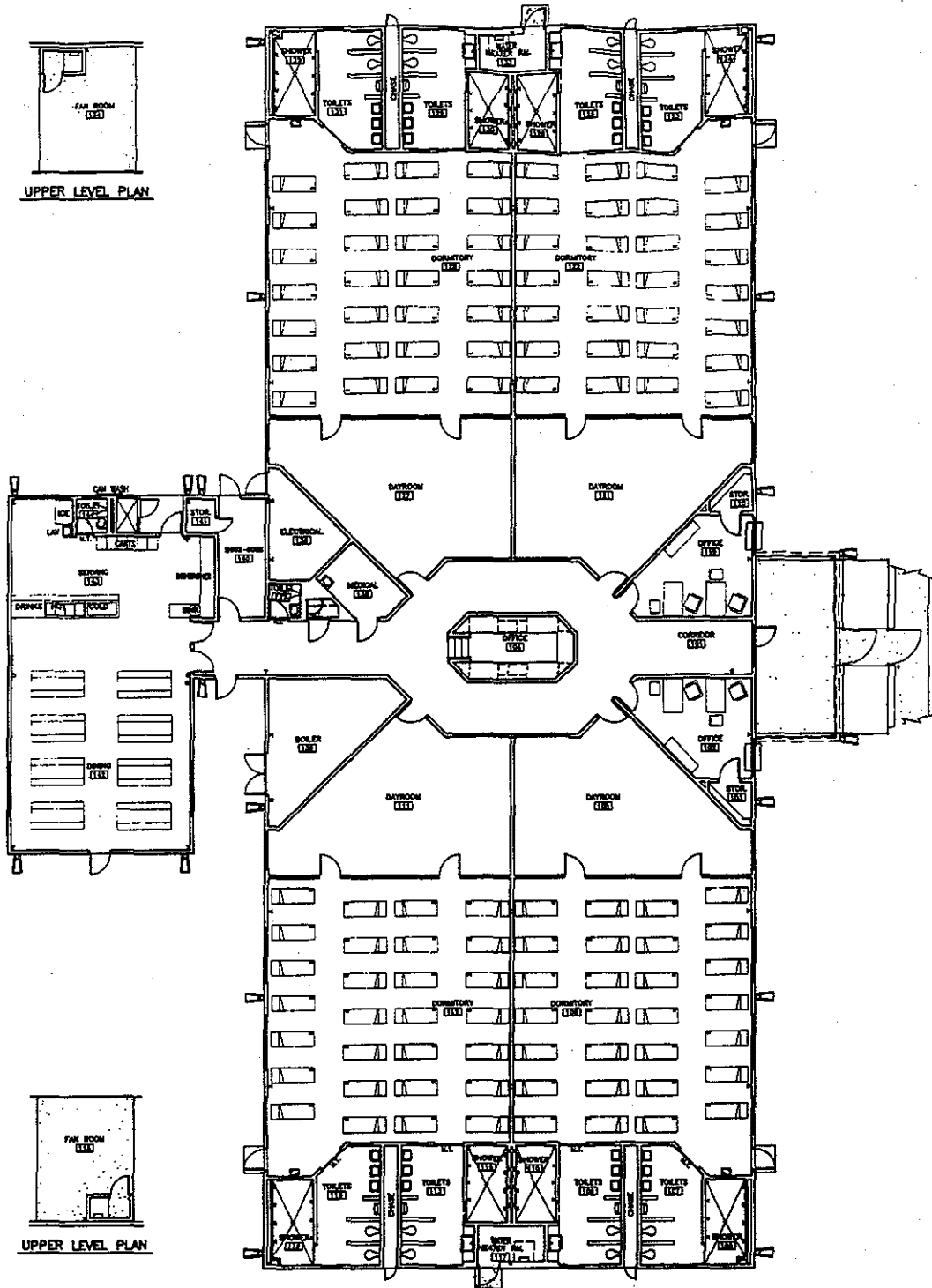
Architect's reported analysis

Factors affecting construction costs

Positive: Prefabricated components, simple construction methods, less expensive materials
Negative: Government procedures and regulations

Factors affecting time schedule

Positive: Prefabricated components, simple construction methods
Negative: Labor problems, government procedures and regulations, inmate labor



Treutlen Shock Unit

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Jim Combs, Warden, Treutlen Shock Unit, P.O. Box 747 Session Street, Soperton, GA 30457, 912-529-6760

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 16 acres

Dimensions

Total GSF: 47,267
Total NSF: 38,625
Corrections GSF: 47,267
Corrections NSF: 38,625
Housing area GSF: 17,500
Housing area NSF: Unknown
GSF per inmate (design): 204
GSF per inmate (current): 283
NSF per inmate (design): 166
NSF per inmate (current): 231
Size of cells: 2,262 (dorm)
Net/gross square feet: 82%

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 228

Special population

Single occupancy: 4
Double occupancy: 0
Dorms: 0

Total design: 232
Current population: June 1992: 167

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): 38
Inmates per unit (current): 38
Management type (design): Remote surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: N/A
Total officers per unit
Day: 5
Evening: 8
Midnight: 4

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard

Security

Perimeter: Single fence; costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent
Administration: 9
Security: 49
Programs and treatment: 9
Maintenance: 3
Total: 70
Current inmate/staff ratio: 2.4:1
Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs
Positive: Good competition, less expensive materials
Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems
Factors affecting time schedule
Positive: N/A
Negative: N/A

Time

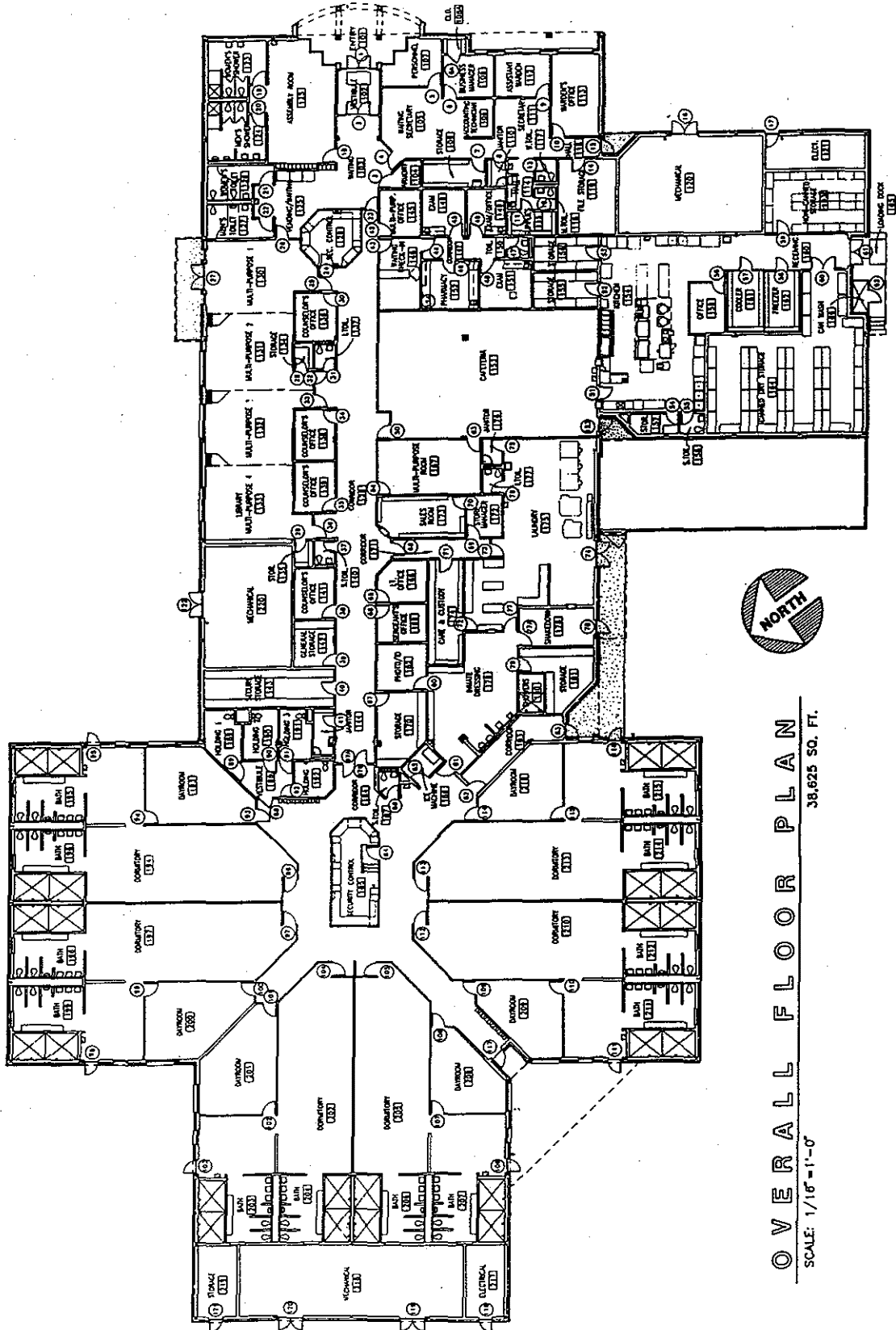
Groundbreaking: November 1989
Finish date: March 1991
Construction time: 17 months

Costs

Total: \$3,400,000
Building only: \$3,190,880
Final construction cost: Lower
Housing area: \$1,265,000
Housing per inmate: \$5,548
Housing per cell: \$210,833
Total per inmate: \$14,655
Total per GSF: \$71.93
Total per NSF: \$88.03
Total annual operating costs: \$2,915,349

Construction type

Structural: Steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring



OVERALL FLOOR PLAN
SCALE: 1/16" = 1'-0"
38,625 SQ. FT.

U.S. Federal Penitentiary—Atlanta

Responsible official: Director, Federal Bureau of Prisons

Contact: Fred Stock, Warden, U.S. Federal Penitentiary—Atlanta, 601 McDonough Boulevard SE., Atlanta, GA 30315, 404-622-6241

Architect: Rosser Justice Systems, 524 West Peachtree Street, Atlanta, GA 30308, 404-876-3800

Construction Manager: N/A

Facility type: Federal prison
Jurisdiction type: Federal
Commitment type: Sentenced
Category: Remodel/renovation
Building configuration: Highrise
Complex use: N/A
Facility location: Urban
Amount of land: 163 acres

Dimensions

Total GSF: 134,000
Total NSF: 70,000
Corrections GSF: 134,000
Corrections NSF: 70,000
Housing area GSF: 134,000
Housing area NSF: 70,000
GSF per inmate (design): 315
GSF per inmate (current): 71
NSF per inmate (design): 164
NSF per inmate (current): 37
Size of cells: 80 (single)
Net/gross square feet: 52%

Inmate design capacity

General population

Single occupancy: 426
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 426

Current population: February 1993: 1,895

Inmate housing areas

Design: Modular/pod
Cells per unit: 224
Inmates per unit (design): 224
Inmates per unit (current): 288
Management type (design): Direct supervision

Management type (current): Direct supervision

Means to handle crowding: Bunk beds in cells, transfer to another facility

Total officers per unit

Day: 6
Evening: 6
Midnight: 1

Construction process

Contract method: Conventional design-bid-build

Finance method: Federal funds

Use of inmate labor: None

Use of prefabrication: None

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Two-way to common areas, inmate duress alarm, general paging throughout
HVAC: Air-conditioning, steam heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Security

Perimeter: Towers; costs excluded

Inmate security level

Maximum: 0
Medium: 100%
Minimum: 0

Current staff

Full-time equivalent

Administration: 50
Security: 200
Programs and treatment: 85
Maintenance: 39
Total: 374

Current inmate/staff ratio: 5.1:1

Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods

Negative: Difficult site conditions

Factors affecting time schedule

Positive: Simple construction methods

Negative: N/A

Time

Groundbreaking: November 1986

Finish date: August 1990

Construction time: 45 months

Costs

Total: \$9,600,000

Building only: \$9,600,000

Final construction cost: Same

Housing area: \$9,600,000

Housing per inmate: \$22,535

Housing per cell: \$22,535

Total per inmate: \$22,535

Total per GSF: \$71.64

Total per NSF: \$137.14

Total annual operating costs: Unknown

Construction type

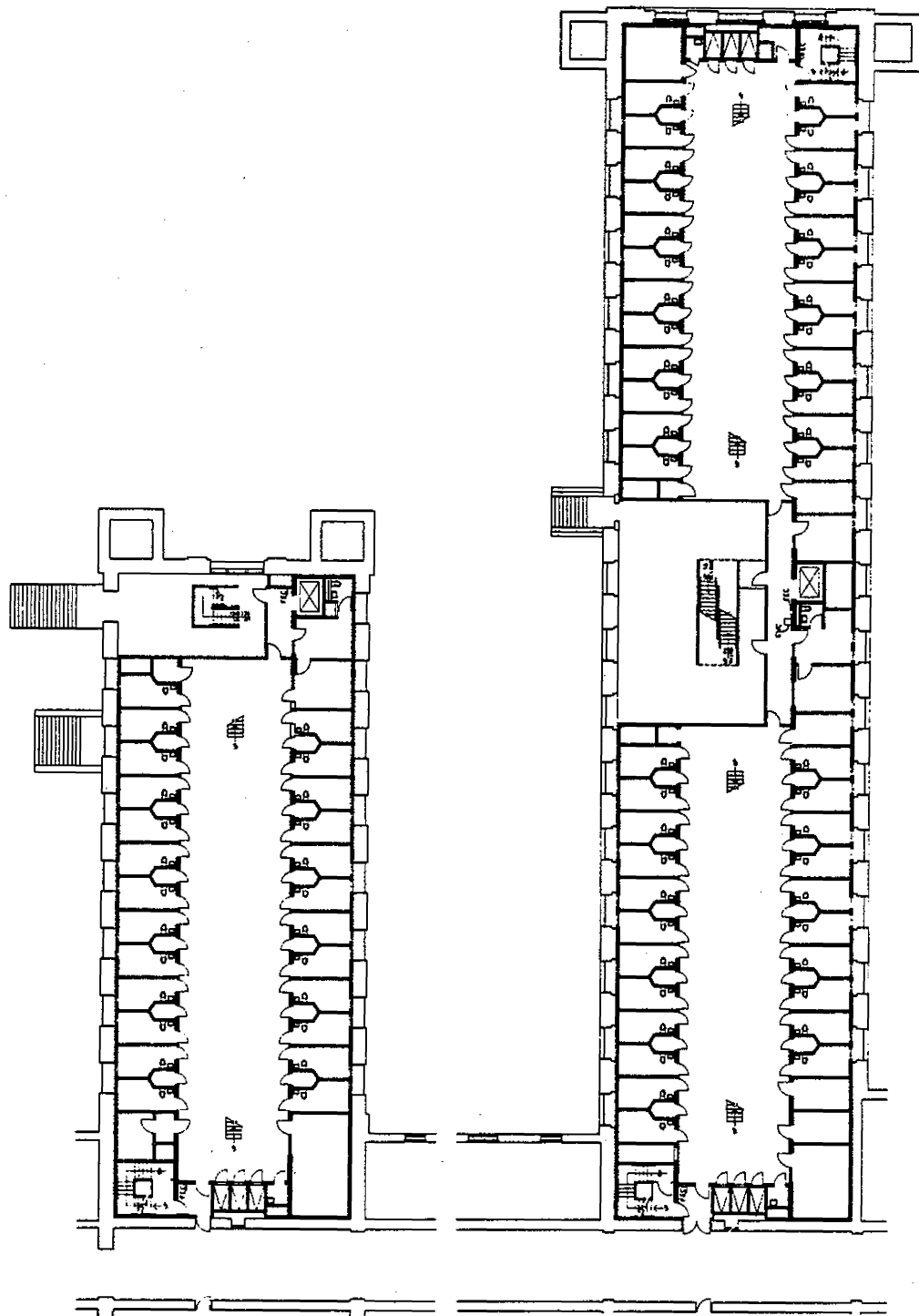
Structural: Steel frame, cast-in-place concrete frame

Exterior walls: Cast-in-place concrete, CMU block

Interior walls: Cast-in-place concrete, CMU block

Exterior surface or facade: Natural wall, stone

Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, duress/fire alarm, door control/monitoring, custom control panels, metal detection



- 1. Inmate Rooms
- 2. Dayroom
- 3. TV Room
- 4. Staff Office
- 5. Atrium

Typical Housing Plan Ground Level

Ware Correctional Institute

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Doug Williams, Warden, Ware Correctional Institute, 3620 North Harris Road, Waycross, GA 31501, 912-285-6400
Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557
Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Unknown
Amount of land: Unknown

Dimensions

Total GSF: 22,575
Total NSF: Unknown
Corrections GSF: 22,575
Corrections NSF: Unknown
Housing area GSF: 16,870
Housing area NSF: Unknown
GSF per inmate (design): 113
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 3,600 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for dorms and common areas, manual alarm stations
Windows: Standard

Time

Groundbreaking: April 1989
Finish date: September 1989
Construction time: 5 months

Costs

Total: \$2,030,000
Building only: \$2,000,000
Final construction cost: Lower
Housing area: \$1,625,000
Housing per inmate: \$8,125
Housing per cell: \$406,250
Total per inmate: \$10,150
Total per GSF: \$89.92
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Steel frame
Exterior walls: Brick
Interior walls: CMU block
Exterior surface or facade: Brick
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 200

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 200
Current population: Unknown

Inmate housing areas

Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 50
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Unknown
Means to handle crowding: Unknown
Total officers per unit
Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: Limited; pre-engineered structure

Security

Perimeter: Single fence, razor wire on fence(s), perimeter patrols; costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

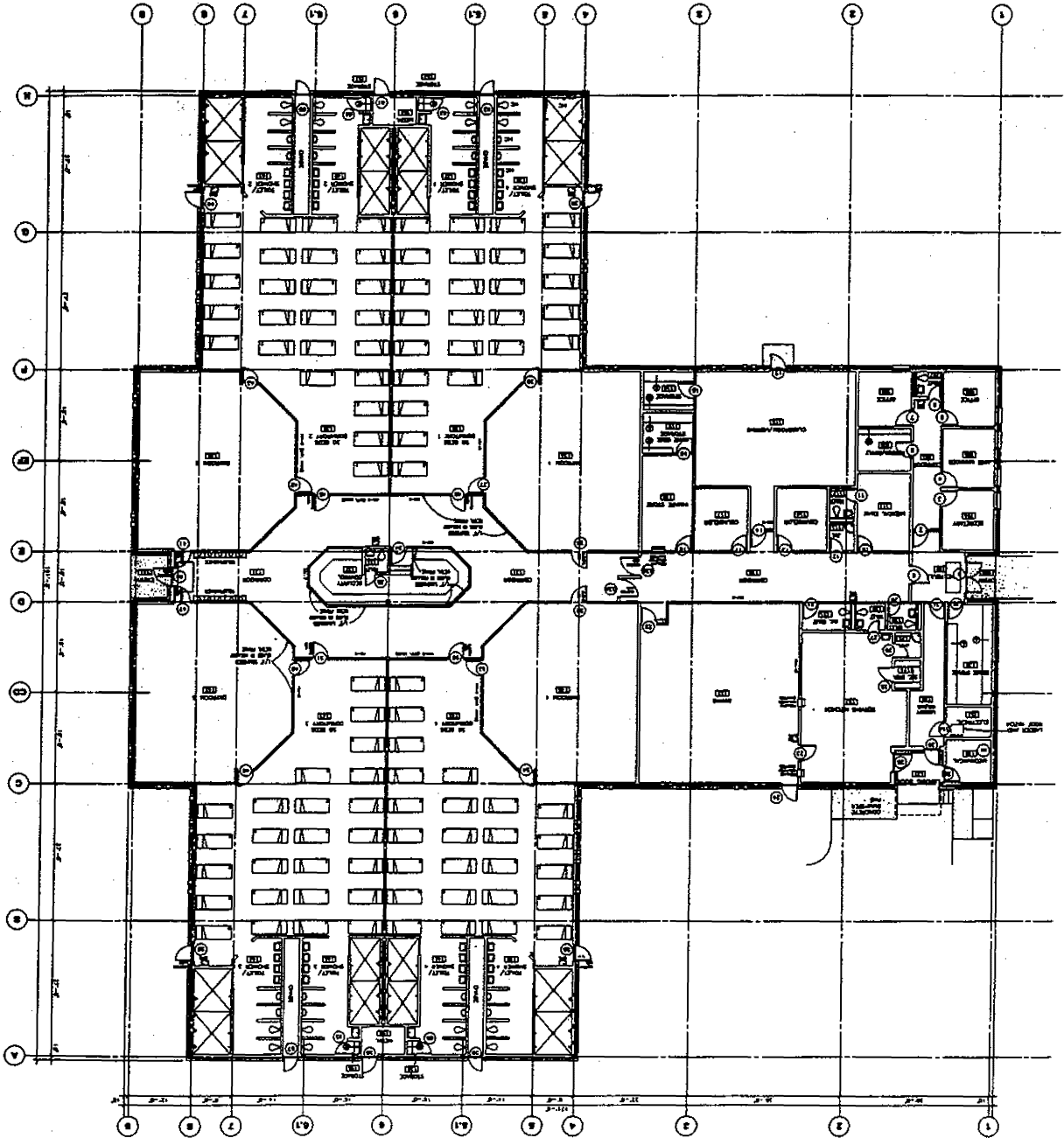
Architect's reported analysis

Factors affecting construction costs

Positive: Prefabricated components; simple construction methods, phased construction (fast track); good competition; less expensive materials
Negative: N/A

Factors affecting time schedule

Positive: Prefabricated components; simple construction methods, phased construction (fast track); advanced order of materials; coordination of design
Negative: N/A



Washington Correctional Institution—Boot Camp

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Rose Renfroe, Warden, Washington Correctional Institution—Boot Camp, P.O. Box 206, Davisboro, GA 31018, 912-348-5814

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Rural
Amount of land: 540 acres

Dimensions

Total GSF: 15,745
Total NSF: Unknown
Corrections GSF: 15,745
Corrections NSF: Unknown
Housing area GSF: 13,780
Housing area NSF: Unknown
GSF per inmate (design): 70
GSF per inmate (current): 48
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 2,808 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: One-way to cells and common areas
HVAC: Heating/air circulation only
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard and bars

Time

Groundbreaking: June 1991
Finish date: May 1992
Construction time: 12 months

Costs

Total: \$500,000
Building only: \$470,000
Final construction cost: Lower
Housing area: \$460,000
Housing per inmate: \$2,054
Housing per cell: \$115,000
Total per inmate: \$2,232
Total per GSF: \$31.76
Total per NSF: Unknown
Total annual operating costs: \$9,999,000

Construction type

Structural: Steel frame
Exterior walls: Cast-in-place concrete
Interior walls: Cast-in-place concrete
Exterior surface or facade: Natural wall
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 224

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 224
Current population: October 1992: 327

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): 56
Inmates per unit (current): 96
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 2
Evening: 2
Midnight: 2

Construction process

Contract method: Multiple bid packages (fast track), inmate construction
Finance method: State general obligation bonds
Use of inmate labor: Extensive; everything except structure
Use of prefabrication: Limited; pre-engineered structure

Security

Perimeter: Single fence; costs excluded

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 15
Security: 88
Programs and treatment: 51
Maintenance: 9
Total: 163
Current inmate/staff ratio: 2:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

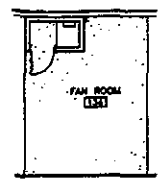
Positive: Prefabricated components, simple construction methods, less expensive materials

Negative: Government procedures and regulations

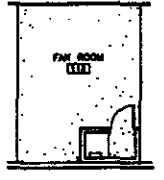
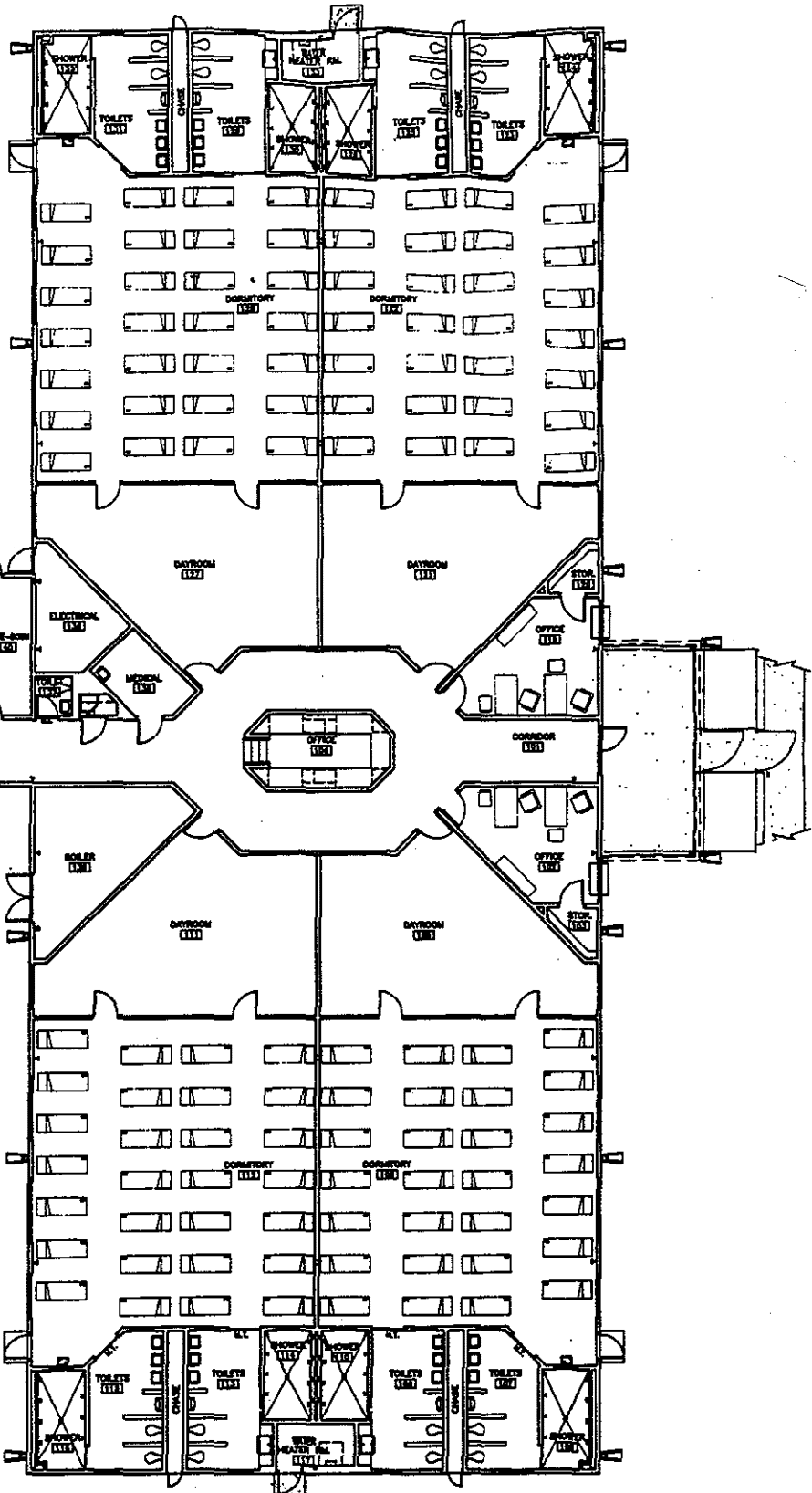
Factors affecting time schedule

Positive: Prefabricated components, simple construction methods

Negative: Labor problems, government procedures and regulations



UPPER LEVEL PLAN



UPPER LEVEL PLAN

Washington Correctional Institution

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Chuck Burden, Warden, Washington Correctional Institution P.O. Box 206, Davisboro, GA 31018, 912-348-5814

Architect: Rosser Justice Systems, 524 West Peachtree Street, Atlanta, GA 30308, 404-876-3800

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Campus style
Complex use: N/A
Facility location: Unknown
Amount of land: Unknown

Dimensions

Total GSF: 227,000
Total NSF: 148,000
Corrections GSF: 227,000
Corrections NSF: 148,000
Housing area GSF: 123,000
Housing area NSF: 80,000
GSF per inmate (design): 334
GSF per inmate (current): 694
NSF per inmate (design): 218
NSF per inmate (current): 452
Size of cells: 80 (single and double)
Net/gross square feet: 65%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Two-way to common areas, inmate duress alarm, general paging throughout
HVAC: Heating/air circulation only, gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Operable slit (one light fixed, one light operable)

Time

Groundbreaking: July 1989
Finish date: August 1991
Construction time: 25 months

Costs

Total: \$18,500,000
Building only: \$17,500,000
Final construction cost: Lower
Housing area: \$10,500,000
Housing per inmate: \$15,441
Housing per cell: \$21,875
Total per inmate: \$27,206
Total per GSF: \$81.50
Total per NSF: \$125
Total annual operating costs: Unknown

Construction type

Structural: Steel frame, precast concrete cells, load-bearing CMU block
Exterior walls: CMU block
Interior walls: CMU block, precast cells
Exterior surface or facade: CMU block, EIFS
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, satellite/cable, watch tower system, metal detection

Inmate design capacity

General population
Single occupancy: 284
Double occupancy: 392
Dorms: 0
Special population
Single occupancy: 4
Double occupancy: 0
Dorms: 0
Total design: 680
Current population: October 1992: 327

Inmate housing areas

Design: Modular/pod
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Unknown
Management type (current): Unknown
Means to handle crowding: N/A
Total officers per unit
Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: Extensive

Security

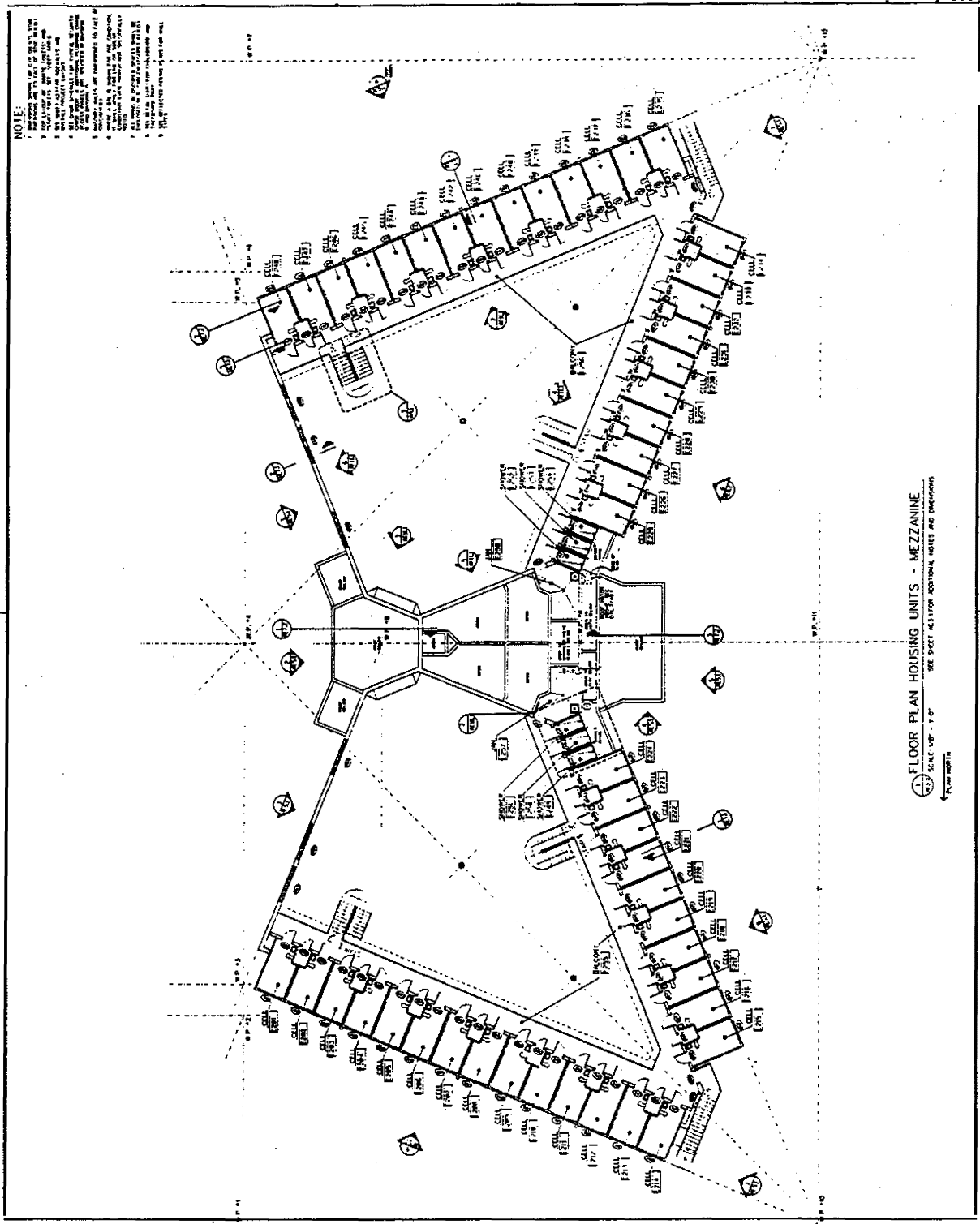
Perimeter: Double fence, razor wire on fence(s); costs included
Inmate security level
Maximum: 0
Medium: 100%
Minimum: 0

Current staff

Full-time equivalent
Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, less expensive materials
Negative: N/A
Factors affecting time schedule
Positive: Prefabricated components, coordination of design
Negative: N/A



NOTE:
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.
2. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE AND THE NATIONAL MECHANICAL CODE.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL PLUMBING CODE AND THE NATIONAL GAS CODE.
4. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CODES.
5. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL BUILDING ORGANIZATION (NBO) CODES.
6. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ASSOCIATION OF ARCHITECTS (NAAB) CODES.
7. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ASSOCIATION OF ENGINEERS (NAE) CODES.
8. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ASSOCIATION OF CONTRACTORS (NAC) CODES.
9. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ASSOCIATION OF MANAGERS (NAM) CODES.
10. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ASSOCIATION OF PROFESSIONALS (NAP) CODES.

FLOOR PLAN HOUSING UNITS - MEZZANINE
SCALE: 1/8" = 1'-0"
SEE SHEET #23109 ADDITIONAL NOTES AND ENCLAVES
PLANNING NORTH

West Central Probation Detention Center

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Nathaniel Ray, Superintendent, West Central District Probation Detention Center, P.O. Box 589, Zebulon, GA 30295, 706-567-0631

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: Reddick Construction Company, 605 East Main Street, P.O. Box 1029, Thomaston, GA 30286

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Rural
Amount of land: 10 acres

Time
Groundbreaking: Unknown
Finish date: Unknown
Construction time: Unknown

Costs
Total: \$2,250,000
Building only: Unknown
Final construction cost: Unknown
Housing area: \$950,000
Housing per inmate: \$6,250
Housing per cell: \$237,500
Total per inmate: \$14,610
Total per GSF: \$71.11
Total per NSF: Unknown
Total annual operating costs: \$1,643,465

Construction type
Structural: Steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Dimensions
Total GSF: 31,642
Total NSF: Unknown
Corrections GSF: 31,642
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 205
GSF per inmate (current): 196
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 2,220 (dorm)
Net/gross square feet: Unknown

Inmate design capacity
General population
Single occupancy: 0
Double occupancy: 0
Dorms: 152
Special population
Single occupancy: 2
Double occupancy: 0
Dorms: 0
Total design: 154
Current population: January 1993: 161

Inmate housing areas
Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 38
Inmates per unit (current): 40
Management type (design): Remote surveillance
Management type (current): Remote surveillance, direct supervision
Means to handle crowding: Admissions control
Total officers per unit
Day: 10
Evening: 8
Midnight: 6

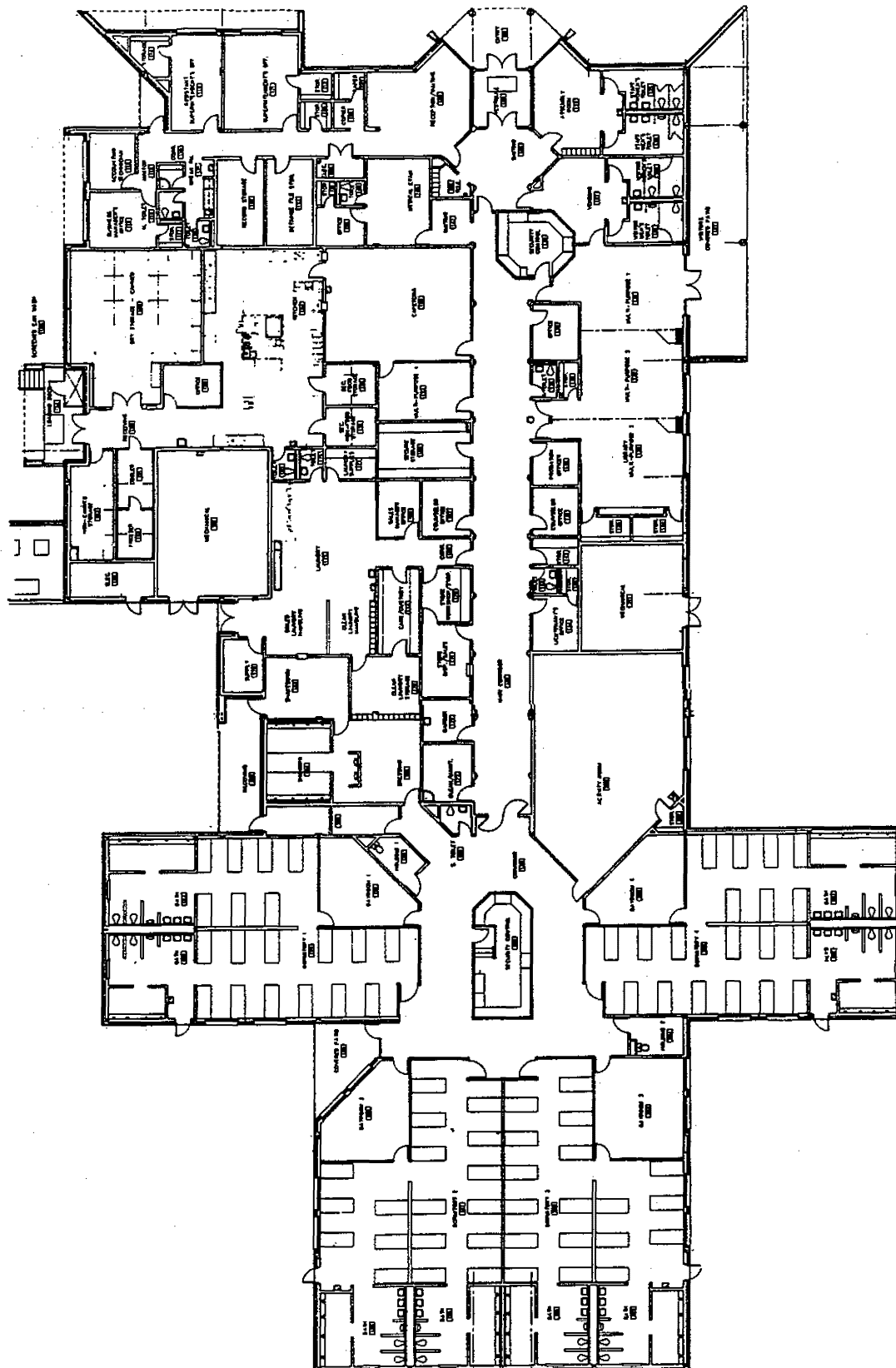
Construction process
Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Inmate cells
Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard

Security
Perimeter: Single fence; costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

Current staff
Full-time equivalent
Administration: 6
Security: 32
Programs and treatment: 10
Maintenance: 1
Total: 49
Current inmate/staff ratio: 3.3:1
Contracted services: Unknown

Architect's reported analysis
Factors affecting construction costs
Positive: Simple construction methods, good competition
Negative: Government procedures and regulations; complex electronic, mechanical, and electrical systems
Factors affecting time schedule
Positive: Simple construction methods
Negative: Complex electronic, mechanical, and electrical systems



Western Probation Detention Center

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Lee Oxford, Superintendent, Western Probation Detention Center, 1019 Billy Boulevard, P.O. Box 2259, Butler, GA 31006, 912-862-5851

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Rural
Amount of land: 10 acres

Dimensions

Total GSF: 31,642
Total NSF: Unknown
Corrections GSF: 31,642
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 205
GSF per inmate (current): 301
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 2,220 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas
Windows: Standard

Time

Groundbreaking: June 1987
Finish date: September 1989
Construction time: 27 months

Costs

Total: \$2,250,000
Building only: \$750,000
Final construction cost: Lower
Housing area: \$950,000
Housing per inmate: \$6,250
Housing per cell: \$237,500
Total per inmate: \$14,610
Total per GSF: \$71.11
Total per NSF: Unknown
Total annual operating costs: \$1,724,568

Construction type

Structural: Steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population
Single occupancy: 0
Double occupancy: 0
Dorms: 152
Special population
Single occupancy: 2
Double occupancy: 0
Dorms: 0
Total design: 154
Current population: January 1992: 105

Inmate housing areas

Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 38
Inmates per unit (current): 26
Management type (design): Remote surveillance
Management type (current): Remote surveillance, direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 5
Evening: 5
Midnight: 3

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Single fence; costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent
Administration: 6
Security: 33
Programs and treatment: 6
Maintenance: 6
Total: 51
Current inmate/staff ratio: 2.1:1
Contracted services: Medical

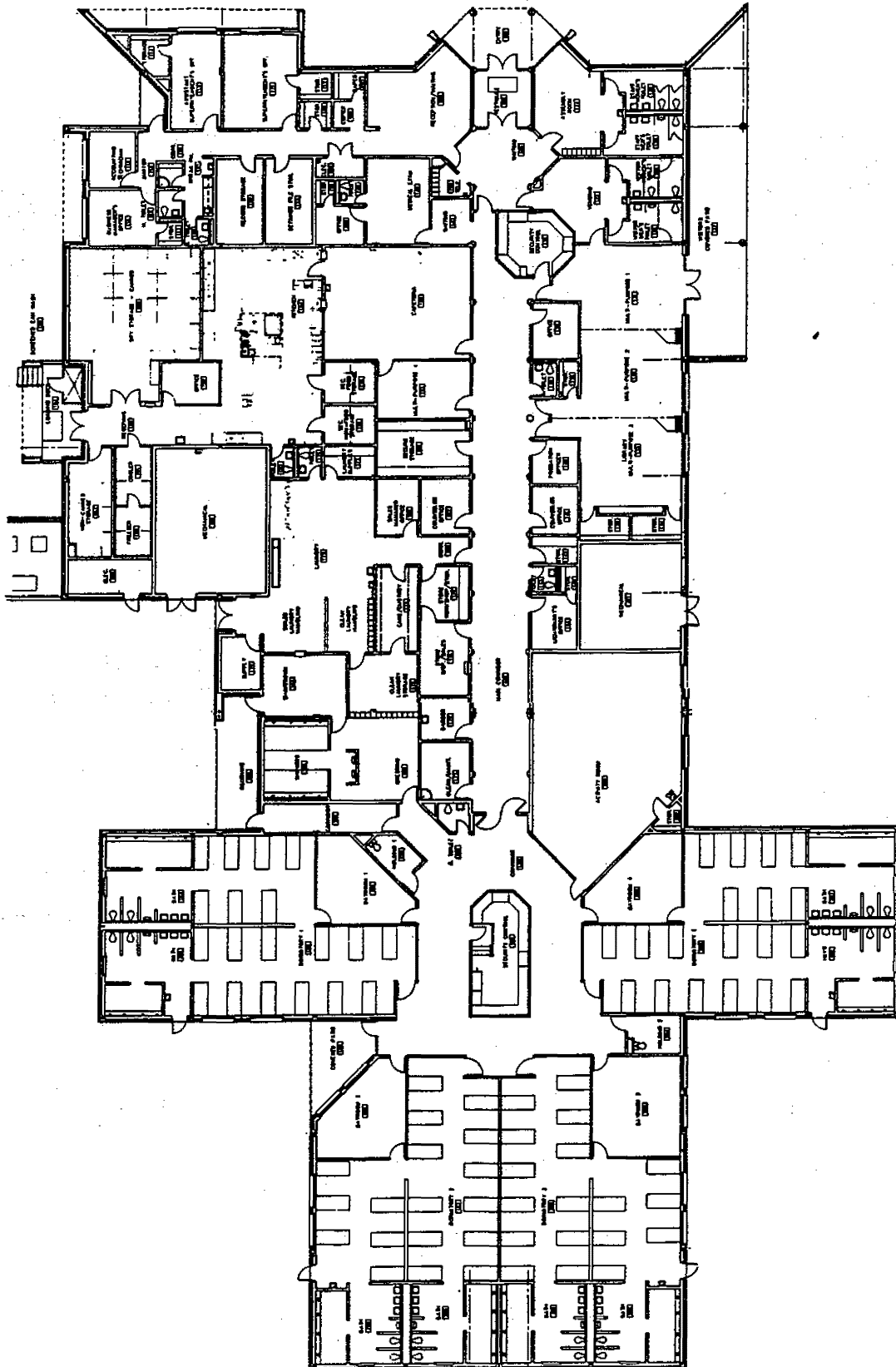
Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, good competition

Negative: Government procedures and regulations; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Simple construction methods
Negative: Complex electronic, mechanical, and electrical systems



Women's Probation Detention Center

Responsible official: Commissioner, Georgia Department of Corrections

Contact: Glenn R. Rich, Superintendent, Women's Probation Detention Center, Highway 301 North, P.O. Box 920, Claxton, GA 30417, 912-739-0716

Architect: IPG, Inc., 2722 North Oak Street, Valdosta, GA 31602, 912-242-3557

Construction Manager: Pages, Inc., 410 McIntosh Street, P.O. Box 1240, Vidalia, GA 30474, 912-537-2264

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Rural
Amount of land: 6 acres

Dimensions

Total GSF: 31,642
Total NSF: Unknown
Corrections GSF: 31,642
Corrections NSF: Unknown
Housing area GSF: 8,880
Housing area NSF: Unknown
GSF per inmate (design): 209
GSF per inmate (current): 191
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 2,220 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard

Time

Groundbreaking: November 1990
Finish date: November 1991
Construction time: 12 months

Costs

Total: \$2,750,000
Building only: Unknown
Final construction cost: Lower
Housing area: \$950,000
Housing per inmate: \$6,250
Housing per cell: \$237,500
Total per inmate: \$17,857
Total per GSF: \$86.91
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 152

Special population

Single occupancy: 2
Double occupancy: 0
Dorms: 0

Total design: 154

Current population: March 1993: 166

Inmate housing areas

Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 38
Inmates per unit (current): 42
Management type (design): Remote surveillance
Management type (current): Intermittent and remote surveillance, direct supervision
Means to handle crowding: Population cap
Total officers per unit
Day: 4
Evening: 4
Midnight: 4

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Single fence; costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 19
Security: 32
Programs and treatment: 4
Maintenance: 1
Total: 56
Current inmate/staff ratio: 3:1
Contracted services: Medical, food

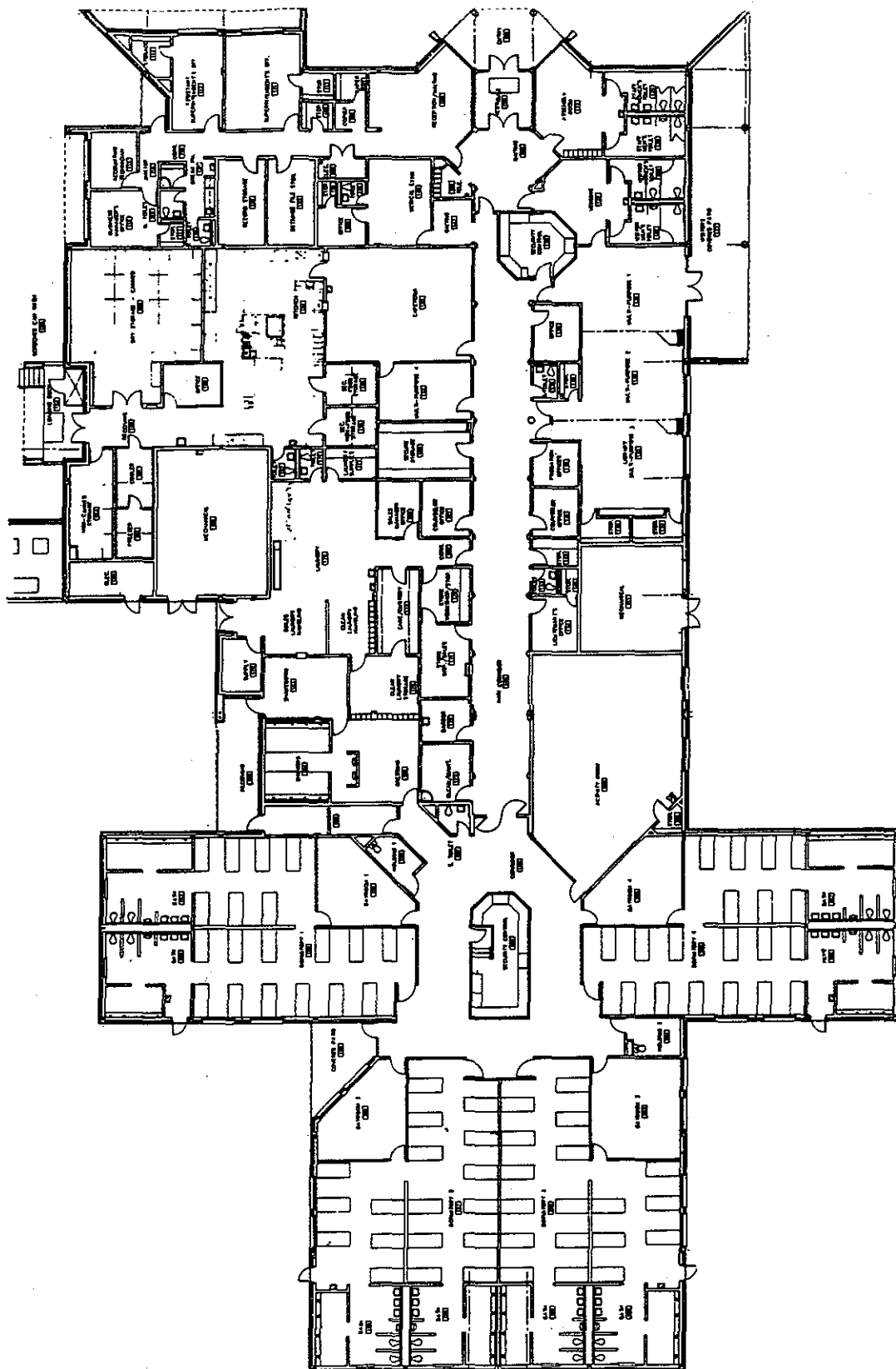
Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition
Negative: Government procedures and regulations; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Simple construction methods
Negative: Complex electronic, mechanical, and electrical systems



Danville Correctional Center

Responsible official: Director, Illinois Department of Corrections

Contact: George E. DeTella, Warden, Danville Correctional Center, P.O. Box 4001, Danville, IL 61834-4001, 217-446-0441

Architect: BLDD Architects, 100 Merchant Street, Suite 200, Decatur, IL 62523, 217-429-5105

Construction Manager: Illinois Department of Corrections, Capital Programs Unit, 1301 Concordia Court, P.O. Box 19277, Springfield, IL 62794-9277, 217-522-2666

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 87 acres

Dimensions

Total GSF: 369,506
Total NSF: Unknown
Corrections GSF: 369,506
Corrections NSF: Unknown
Housing area GSF: 88,953
Housing area NSF: Unknown
GSF per inmate (design): 399
GSF per inmate (current): 216
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 60 (single)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: One-way to common areas,
inmate duress alarm
HVAC: Heating/air circulation, hot water
Plumbing: Stainless steel
Furniture: Steel, wood
Fire protection: Smoke detectors for
common areas
Windows: Standard and bars, security
screens

Time

Groundbreaking: April 1983
Finish date: July 1985
Construction time: 27 months

Costs

Total: \$40,500,000
Building only: \$34,500,000
Final construction cost: Lower
Housing area: \$14,000,000
Housing per inmate: \$15,625
Housing per cell: \$15,625
Total per inmate: \$43,736
Total per GSF: \$109.60
Total per NSF: Unknown
Total annual operating costs: \$17,076,480

Construction type

Structural: Load-bearing precast panels,
steel frame, load-bearing masonry
Exterior walls: CMU block, brick
Interior walls: CMU block
Exterior surface or facade: Brick
Electronic technology systems: Staff
intercommunication, inmate intercom,
paging and sound system, duress/fire
alarm, door control/monitoring, custom
control panels, perimeter detection/alarm,
satellite/cable

Inmate design capacity

General population

Single occupancy: 896
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 30
Double occupancy: 0
Dorms: 0

Total design: 926

Current population: January 1993: 1,712

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 56
Inmates per unit (design): 56
Inmates per unit (current): 112
Management type (design): Intermittent and
remote surveillance
Management type (current): Intermittent
surveillance

Means to handle crowding: Bunk beds in
cells

Total officers per unit

Day: 3
Evening: 3
Midnight: 3

Construction process

Contract method: Conventional design-bid-
build
Finance method: State general obligation
bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Double fence, perimeter patrols
and detection/alarm, razor wire on and
between fence(s), towers; costs included

Inmate security level

Maximum: 3%
Medium: 97%
Minimum: 0

Current staff

Full-time equivalent

Administration: 29
Security: 257
Programs and treatment: 74
Maintenance: 13
Total: 373

Current inmate/staff ratio: 4.6:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods
Negative: Government procedures and
regulations

Factors affecting time schedule

Positive: Simple construction methods
Negative: N/A

(No floorplan available at time of publication)

Hill Correctional Center

Responsible official: Director, Illinois Department of Corrections

Contact: Jerry D. Gilmore, Warden, Hill Correctional Center, 600 Linwood Road, P.O. Box 1327, Galesburg, IL 61401, 309-343-4212

Architect: BLDD Architects, 100 Merchant Street, Suite 200, Decatur, IL 62523, 217-429-5105

Construction Manager: Illinois Department of Corrections, Capital Programs Unit, 1301 Concordia Court, P.O. Box 19277, Springfield, IL 62794-9277, 217-522-2666

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Suburb
Amount of land: 64 acres

Dimensions

Total GSF: 380,907
Total NSF: Unknown
Corrections GSF: 380,907
Corrections NSF: Unknown
Housing area GSF: 88,594
Housing area NSF: Unknown
GSF per inmate (design): 411
GSF per inmate (current): 236
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 60 (single)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking
Floor surface: Vinyl tile
Intercom: One-way to common areas, inmate duress alarm
HVAC: Heating/air circulation, gas heat, forced air
Plumbing: Stainless steel
Furniture: Steel, wood
Fire protection: Smoke detectors for common areas
Windows: Standard and bars

Time

Groundbreaking: October 1984
Finish date: August 1986
Construction time: 22 months

Costs

Total: \$38,500,000
Building only: \$32,500,000
Final construction cost: Lower
Housing area: \$16,000,000
Housing per inmate: \$17,857
Housing per cell: \$17,857
Total per inmate: \$41,577
Total per GSF: \$101.07
Total per NSF: Unknown
Total annual operating costs: \$16,666,700

Construction type

Structural: Load-bearing precast panels, steel frame, load-bearing masonry
Exterior walls: CMU block, brick
Interior walls: Precast panels, cast-in-place concrete, CMU block
Exterior surface or facade: Brick
Electronic technology systems: Staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm, satellite/cable

Inmate design capacity

General population

Single occupancy: 896
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 30
Double occupancy: 0
Dorms: 0
Total design: 926
Current population: January 1993: 1,617

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 56
Inmates per unit (design): 56
Inmates per unit (current): 112
Management type (design): Intermittent and remote surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: Bunk beds in cells
Total officers per unit
Day: 3
Evening: 3
Midnight: 2

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on and between fence(s), towers; costs included

Inmate security level

Maximum: 3%
Medium: 97%
Minimum: 0

Current staff

Full-time equivalent

Administration: 85
Security: 227
Programs and treatment: 20
Maintenance: 11
Total: 343
Current inmate/staff ratio: 4.7:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition
Negative: Government procedures and regulations

Factors affecting time schedule

Positive: Simple construction methods
Negative: N/A

(No floorplan available at time of publication)

Illinois River Correctional Center

Responsible official: Director, Illinois Department of Corrections

Contact: Rodney Ahitow, Warden, Illinois River Correctional Center, P.O. Box 999, Canton, IL 61520, 309-647-7030

Architect: BLDD, 100 Merchant Street, Suite 200, Decatur, IL 62523, 217-429-5105

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 100 acres

Dimensions

Total GSF: 351,901
Total NSF: Unknown
Corrections GSF: 351,901
Corrections NSF: Unknown
Housing area GSF: 70,875
Housing area NSF: Unknown
GSF per inmate (design): 432
GSF per inmate (current): 272
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 60 (single)
Net/gross square feet: Unknown

Inmate design capacity

General population

Single occupancy: 728
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 86
Double occupancy: 0
Dorms: 0
Total design: 814
Current population: April 1992: 1,295

Inmate housing areas

Design: Linear
Cells per unit: 56
Inmates per unit (design): 56
Inmates per unit (current): Unknown
Management type (design): Intermittent and remote surveillance
Management type (current): Intermittent and remote surveillance
Means to handle crowding: Bunk beds in cell

Total officers per unit

Day: 4
Evening: 4
Midnight: 3

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking
Floor surface: Epoxy coating
Intercom: One-way to common areas, inmate duress alarm
HVAC: Heating/air circulation, gas heat, forced air
Plumbing: Stainless steel
Furniture: Steel, wood
Fire protection: Smoke detectors for common areas
Windows: Standard and bars, security screens

Security

Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on and between fence(s), towers; costs included

Inmate security level

Maximum: 13%
Medium: 87%
Minimum: 0

Current staff

Full-time equivalent

Administration: 30
Security: 265
Programs and treatment: 56
Maintenance: 32
Total: 413
Current inmate/staff ratio: 3.1:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition
Negative: Government procedures and regulations

Factors affecting time schedule

Positive: Simple construction methods
Negative: Government procedures and regulations

Time

Groundbreaking: April 1988
Finish date: October 1989
Construction time: 18 months

Costs

Total: \$44,000,000
Building only: \$33,000,000
Final construction cost: Lower
Housing area: \$13,370,000
Housing per inmate: \$18,365
Housing per cell: \$18,365
Total per inmate: \$54,054
Total per GSF: \$125.04
Total per NSF: Unknown
Total annual operating costs: \$15,103,700

Construction type

Structural: Load-bearing precast panels, steel frame, cast-in-place concrete frame
Exterior walls: Brick
Interior walls: Precast panels, cast-in-place concrete, CMU block
Exterior surface or facade: Brick
Electronic technology systems: Staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm, satellite/cable

(No floorplan available at time of publication)

McHenry County Government Center

Responsible official: Sheriff, McHenry County

Contact: John E. Harrison, Administrator, McHenry County Government Center, 220 North Seminary Avenue, Woodstock, IL 60098, 815-338-2144

Architect: Legat Architects, 24 North Chapel Street, Waukegan, IL 60085, 708-662-3535

Construction Manager: N/A

Facility type: County jail, complex (combined use)
Jurisdiction type: County, city, INS
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Clusters
Complex use: Law enforcement, courts, county offices
Facility location: Urban
Amount of land: Unknown

Dimensions

Total GSF: 204,200
Total NSF: 140,900
Corrections GSF: 78,000
Corrections NSF: 54,600
Housing area GSF: 48,352
Housing area NSF: 29,300
GSF per inmate (design): 392
GSF per inmate (current): 765
NSF per inmate (design): 274
NSF per inmate (current): 535
Size of cells: 74 (single and double)
Net/gross square feet: 69%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking
Floor surface: Epoxy coating
Intercom: Two-way to cells
HVAC: Forced air
Plumbing: Stainless steel, stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations, smoke evacuation system
Windows: Special security

Time

Groundbreaking: July 1990
Finish date: May 1992
Construction time: 21 months

Costs

Total: \$30,600,000
Building only: \$29,300,000
Final construction cost: Higher
Housing area: \$7,090,000
Housing per inmate: \$38,533
Housing per cell: Unknown
Total per inmate: N/A
Total per GSF: \$149.85
Total per NSF: \$217.18
Total annual operating costs: \$2,826,551

Construction type

Structural: Cast-in-place concrete frame
Exterior walls: Cast-in-place concrete, CMU block, brick
Interior walls: Precast panels, cast-in-place concrete, CMU block, steel wall panels
Exterior surface or facade: Brick
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable

Inmate design capacity

General population

Single occupancy: 120
Double occupancy: 64
Dorms: 0

Special population

Single occupancy: 5
Double occupancy: 10
Dorms: 0
Total design: 199
Current population: June 1992: 102

Inmate housing areas

Design: Modular/pod
Cells per unit: 16
Inmates per unit (design): 16
Inmates per unit (current): 16
Management type (design): Remote surveillance
Management type (current): Remote surveillance
Means to handle crowding: Second bunk permanently attached
Total officers per unit
Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Conventional design-bid-build, multiple bid packages (fast track)
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: Limited; steel wall panels for plumbing chases

Security

Perimeter: Building exterior only; costs included
Inmate security level
Maximum: 20%
Medium: 80%
Minimum: 0

Current staff

Full-time equivalent

Administration: 6
Security: 86
Programs and treatment: 0
Maintenance: 2
Total: 94
Current inmate/staff ratio: 1.1:1
Contracted services: Medical, food

Architect's reported analysis

Factors affecting construction costs

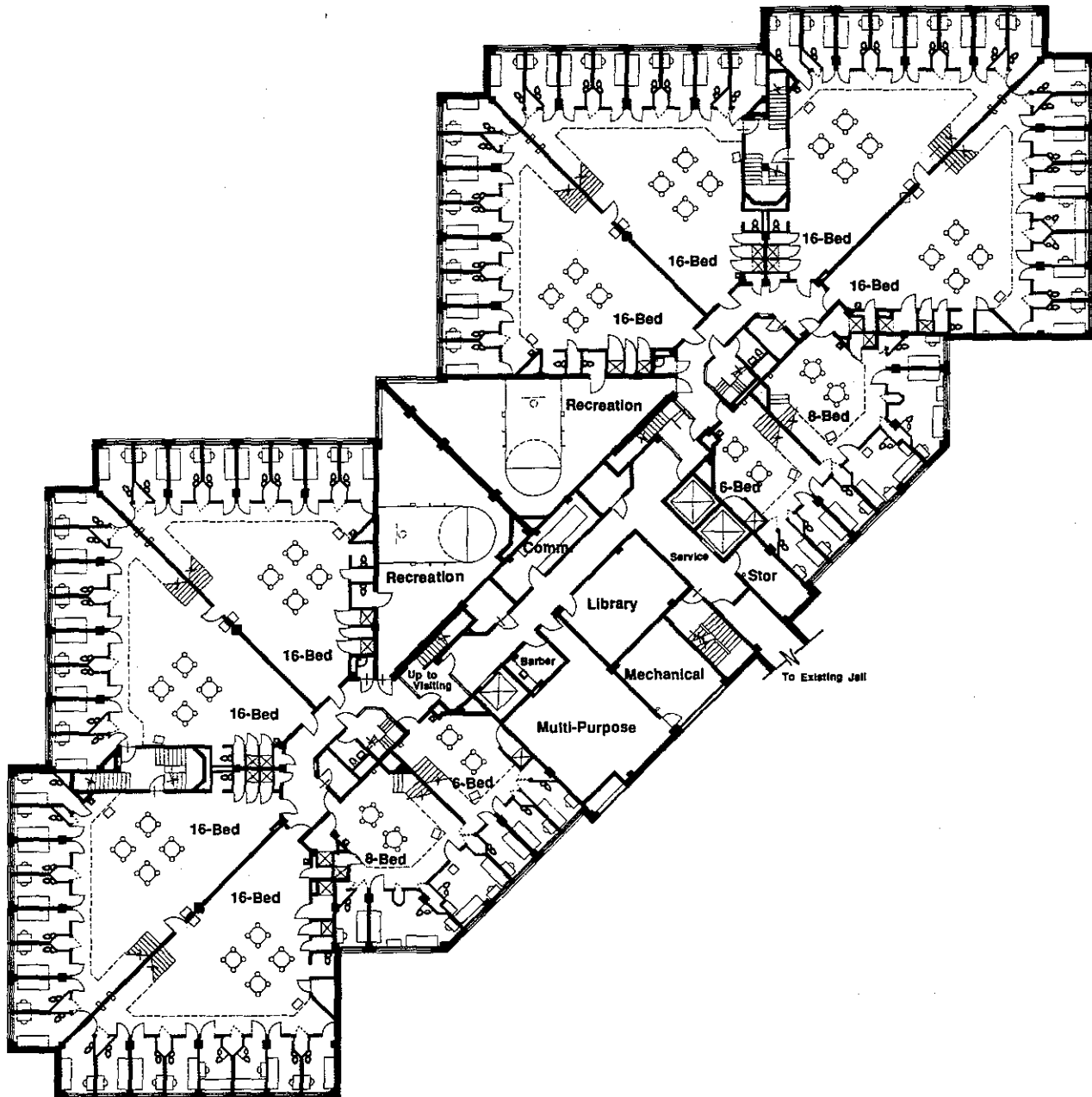
Positive: Prefabricated components, simple construction methods, good competition, complete and accurate construction documents

Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Prefabricated components, simple construction methods, good onsite project management

Negative: Slow response or delivery from vendor/supplier, labor problems, weather problems



Housing Unit Floor Plan



Robert H. Babcox Justice Center

Responsible official: Sheriff, Lake County

Contact: Lawrence C. Lesza, Director of Corrections, Robert H. Babcox Justice Center, 20 South County Street, Waukegan, IL 60085, 708-360-5760

Architect: Legat Architects, 24 North Chapel Street, Waukegan, IL 60085, 708-662-3535

Construction Manager: N/A

Facility type: County jail, complex (combined use)
Jurisdiction type: State, county, city
Commitment type: Pretrial, sentenced
Category: New construction (independent facility), phased project (past), conversion
Building configuration: Integrated structure, highrise
Complex use: Law enforcement, courts, State's attorney, public defender
Facility location: Urban
Amount of land: 1 acre

Dimensions

Total GSF: 265,008
Total NSF: 253,008
Corrections GSF: 155,598
Corrections NSF: 150,598
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 223
GSF per inmate (current): 358
NSF per inmate (design): 216
NSF per inmate (current): 346
Size of cells: 70.5 (single and double)
Net/gross square feet: 95%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking, manual locking
Floor surface: Epoxy coating, vinyl tile
Intercom: Two-way to cells
HVAC: Gas heat, forced air
Plumbing: Stainless steel, china, stainless steel combination unit
Furniture: Unknown
Fire protection: Smoke evacuation plan
Windows: Special security

Time

Groundbreaking: November 1986
Finish date: Unknown
Construction time: 24 months

Costs

Total: \$30,832,691
Building only: \$30,332,000
Final construction cost: Higher
Housing area: \$22,199,538
Housing per inmate: \$46,249
Housing per cell: Unknown
Total per inmate: N/A
Total per GSF: \$116.35
Total per NSF: \$121.86
Total annual operating costs: \$5,076,959

Construction type

Structural: Steel frame, cast-in-place concrete frame
Exterior walls: Brick
Interior walls: Cast-in-place concrete, CMU block, brick
Exterior surface or facade: Brick
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable

Inmate design capacity

General population
Single occupancy: 240
Double occupancy: 240
Dorms: 0
Special population
Single occupancy: 22
Double occupancy: 4
Dorms: 192
Total design: 698
Current population: June 1992: 435

Inmate housing areas

Design: Modular/pod; linear cells on inside
Cells per unit: 24
Inmates per unit (design): 24
Inmates per unit (current): 24
Management type (design): Remote surveillance, direct supervision
Management type (current): Direct supervision
Means to handle crowding: Transfer to another facility, portable 40-bed unit
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build, multiple bid packages (fast track)
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only, video camera surveillance; costs included
Inmate security level
Maximum: 16%
Medium: 54%
Minimum: 30%

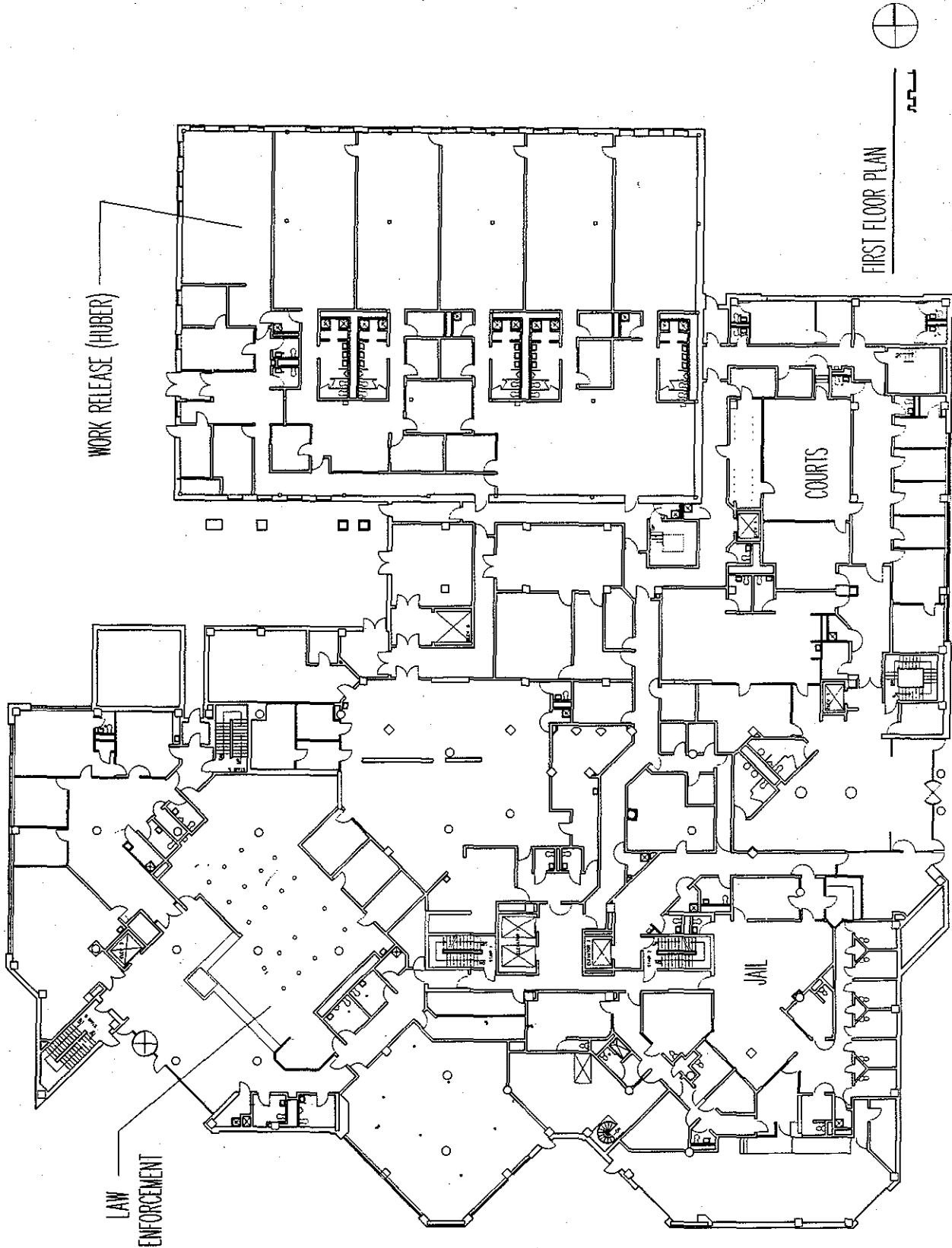
Current staff

Full-time equivalent
Administration: 9
Security: 109
Programs and treatment: 7
Maintenance: 2
Total: 127
Current inmate/staff ratio: 3.4:1
Contracted services: Medical, programs

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, good competition
Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems

Factors affecting time schedule
Positive: Simple construction methods, advanced order of materials, coordination of design
Negative: Weather problems; complex electronic, mechanical, and electrical systems



Robinson Correctional Center

Responsible official: Director, Illinois Department of Corrections

Contact: Mary Hardy-Hall, Warden, Robinson Correctional Center, P.O. Box 1000, Robinson, IL 62454, 618-546-5659

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

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 100 acres

Dimensions

Total GSF: 204,000
Total NSF: 164,000
Corrections GSF: 204,000
Corrections NSF: 164,000
Housing area GSF: 79,596
Housing area NSF: 64,000
GSF per inmate (design): 332
GSF per inmate (current): 211
NSF per inmate (design): 267
NSF per inmate (current): 170
Size of cells: 544 (dorm)
Net/gross square feet: 80%

Inmate cells

Door material(s): Hollow metal
Type(s) of doors: Swinging
Type(s) of locks: Manual locking
Floor surface: Vinyl tile
Intercom: No intercom system
HVAC: Air-conditioning, forced air
Plumbing: China
Furniture: Steel, vinyl/plastic
Fire protection: Smoke detectors for
Dorms and common areas, sprinklers for
common areas, manual alarm stations
Windows: Fixed

Time

Groundbreaking: October 1989
Finish date: January 1991
Construction time: 15 months

Costs

Total: \$24,600,000
Building only: \$12,525,000
Final construction cost: Lower
Housing area: \$5,280,000
Housing per inmate: \$8,800
Housing per cell: \$88,000
Total per inmate: \$40,065
Total per GSF: \$120.59
Total per NSF: \$150.00
Total annual operating costs: \$12,932,500

Construction type

Structural: Preengineered buildings
Exterior walls: CMU block, brick, metal
panel
Interior walls: CMU block
Exterior surface or facade: Brick, metal
panel
Electronic technology systems: Staff
intercommunication, duress/fire alarm,
door control/monitoring, custom control
panels

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 600

Special population

Single occupancy: 10
Double occupancy: 0
Dorms: 4

Total design: 614

Current population: March 1993: 967

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 1
Inmates per unit (design): 10
Inmates per unit (current): Unknown
Management type (design): Intermittent
surveillance
Management type (current): Intermittent
surveillance
Means to handle crowding: Bunk beds in
cells
Total officers per unit
Day: 2
Evening: 2
Midnight: 2

Construction process

Contract method: Multiple bid packages
(fast track)
Finance method: State general obligation
bonds
Use of inmate labor: None
Use of prefabrication: Moderate; rigid
frame preengineered structure and siding

Security

Perimeter: Double fence, razor wire on and
between fence(s), towers, perimeter
patrols; costs included

Inmate security level

Maximum: 1%
Medium: 0
Minimum: 99%

Current staff

Full-time equivalent

Administration: 26
Security: 219
Programs and treatment: 21
Maintenance: 7
Total: 275
Current inmate/staff ratio: 3.5:1
Contracted services: Unknown

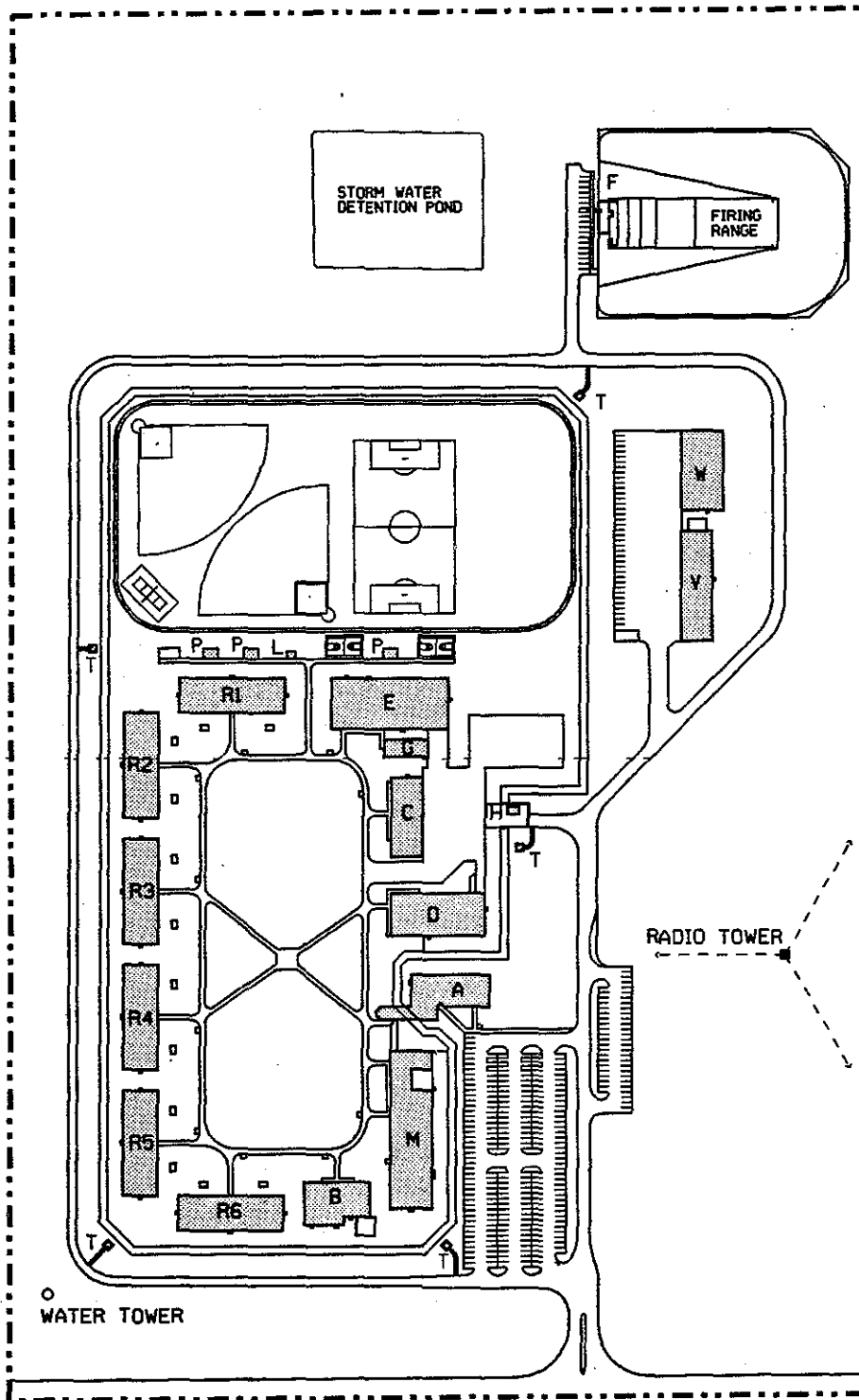
Architect's reported analysis

Factors affecting construction costs

Positive: Good competition
Negative: Slow construction and lengthy
building time; complex electronic,
mechanical, and electrical systems

Factors affecting time schedule

Positive: Prefabricated components, phased
construction (fast track), coordination of
design
Negative: Slow response or delivery from
vendor/supplier, government procedures
and regulations; complex electronic,
mechanical, and electrical systems



BUILDING FUNCTIONS

- A OUTSIDE ADMIN. RECEPTION/GATE HOUSE SECURITY CONTROL ROLL CALL
- B MEDICAL SECURITY ADMIN. SEGREGATION
- C COMMISARY NEW ADMISSIONS LAUNDRY INSIDE YARD MAINT.
- D DINING/FOOD SERVICE
- E EDUCATION ACADEMIC VOCATIONAL
- F FIRING RANGE
- G GREENHOUSE
- H VEHICLE SALLYPORT GUARDHOUSE
- L REC YARD TOILET
- M MULTIPUPOSE INDOOR REC/GYM SECURITY ADMIN. VISITING
- P REC YARD SHELTERS
- R RESIDENCE HOUSING
- T PERIMETER TOWERS
- V VEHICLE MAINT. INSTITUTIONAL MAINT. INSTITUTIONAL STORAGE
- W FOOD SERVICE WAREHOUSE

Taylorville Correctional Center

Responsible official: Director, Illinois Department of Corrections

Contact: Michael Furrie, Warden, Taylorville Correctional Center, P.O. Box 1000, Taylorville, IL 62568, 217-824-4004

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

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Unknown
Amount of land: Unknown

Dimensions

Total GSF: 204,000
Total NSF: 164,000
Corrections GSF: Unknown
Corrections NSF: Unknown
Housing area GSF: 79,596
Housing area NSF: 64,000
GSF per inmate (design): Unknown
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 544 (dorm)
Net/gross square feet: 80%

Inmate cells

Door material(s): Hollow metal
Type(s) of doors: Swinging
Type(s) of locks: Manual locking
Floor surface: Vinyl tile
Intercom: No intercom system
HVAC: Air-conditioning, forced air
Plumbing: China
Furniture: Steel, vinyl/plastic
Fire protection: Smoke detectors for domms and common areas, sprinklers for common areas, manual alarm stations
Windows: Fixed

Time

Groundbreaking: November 1989
Finish date: December 1990
Construction time: 13 months

Costs

Total: \$24,600,000
Building only: \$12,525,000
Final construction cost: Lower
Housing area: \$5,280,000
Housing per inmate: \$8,800
Housing per cell: \$88,000
Total per inmate: \$40,065
Total per GSF: \$120.60
Total per NSF: \$150
Total annual operating costs: Unknown

Construction type

Structural: Preengineered
Exterior walls: CMU block, brick, metal panel
Interior walls: CMU block
Exterior surface or facade: Brick, metal panel
Electronic technology systems: Staff intercommunication, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 600

Special population

Single occupancy: 10
Double occupancy: 0
Dorms: 4

Total design: 614

Current population: Unknown

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 1
Inmates per unit (design): 10
Inmates per unit (current): Unknown
Management type (design): Intermittent surveillance
Management type (current): Unknown
Means to handle crowding: Unknown

Total officers per unit

Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: Moderate; rigid frame preengineered, structure and siding

Security

Perimeter: Double fence, razor wire on and between fence(s), towers, perimeter patrols; costs included

Inmate security level

Maximum: 1%
Medium: 0
Minimum: 99%

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

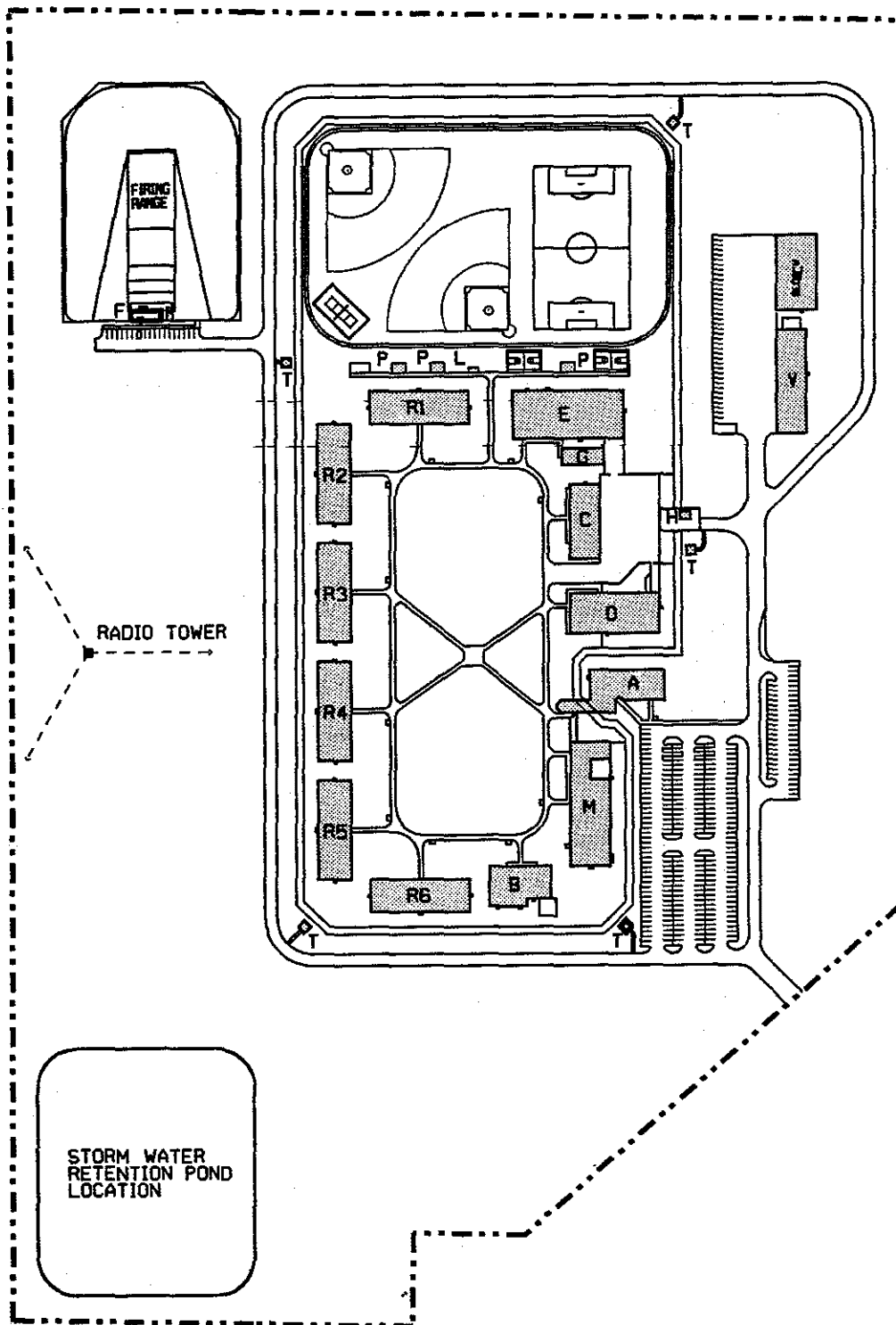
Architect's reported analysis

Factors affecting construction costs

Positive: Good competition
Negative: Slow construction and lengthy building time; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Prefabricated components, phased construction (fast track), coordination of design
Negative: Slow response or delivery from vendor/supplier; government procedures and regulations; complex electronic, mechanical, and electrical systems



BUILDING FUNCTIONS

- A OUTSIDE ADMIN.
RECEPTION/GATE HOUSE
SECURITY CONTROL
ROLL CALL
- B MEDICAL
SECURITY ADMIN.
SEGREGATION
- C COMMISSARY
NEW ADMISSIONS
LAUNDRY
INSIDE YARD MAINT.
- D DINING/FOOD SERVICE
- E EDUCATION
ACADEMIC
VOCATIONAL
- F FIRING RANGE
- G GREENHOUSE
- H VEHICLE SALLYPORT
GUARDHOUSE
- L REC YARD TOILET
- M MULTIPURPOSE
INDOOR REC/GYM
SECURITY ADMIN.
VISITING
- P REC YARD SHELTERS
- R RESIDENCE HOUSING
- T PERIMETER TOWERS
- V VEHICLE MAINT.
INSTITUTIONAL MAINT.
INSTITUTIONAL STORAGE
- W FOOD SERVICE
WAREHOUSE

Western Illinois Correctional Center

Responsible official: Director, Illinois Department of Corrections

Contact: William D. O'Sullivan, Warden, Western Illinois Correctional Center, P.O. Box 1000, Mt. Sterling, IL 62353, 217-773-4441

Architect: Bradley, Likins, Dillow, Drayton, 100 Merchant Street, #200, Decatur, IL 62523, 217-429-5105

Construction Manager: Illinois Department of Corrections, Capital Programs Unit, 1301 Concordia Court, P.O. Box 19277, Springfield, IL 62794-9277, 217-522-2666

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Unknown
Amount of land: 95 acres

Dimensions

Total GSF: 336,891
Total NSF: Unknown
Corrections GSF: 336,891
Corrections NSF: Unknown
Housing area GSF: 70,875
Housing area NSF: Unknown
GSF per inmate (design): 444
GSF per inmate (current): 263
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 60 (single)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking
Floor surface: Epoxy coating
Intercom: One-way to common areas, inmate duress alarm
HVAC: Heating/air circulation, gas heat, forced air
Plumbing: Stainless steel
Furniture: Steel, wood
Fire protection: Smoke detectors for common areas
Windows: Standard and bars, security screens

Time

Groundbreaking: October 1987
Finish date: April 1989
Construction time: 18 months

Costs

Total: \$39,500,000
Building only: \$33,000,000
Final construction cost: Higher
Housing area: \$13,370,000
Housing per inmate: \$18,365
Housing per cell: \$18,365
Total per inmate: \$52,111
Total per GSF: \$117.25
Total per NSF: Unknown
Total annual operating costs: \$16,589,000

Construction type

Structural: Load-bearing precast panels, steel frame, cast-in-place concrete frame
Exterior walls: Brick
Interior walls: Precast panels, cast-in-place concrete, CMU block
Exterior surface or facade: Brick
Electronic technology systems: Staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm, satellite/cable

Inmate design capacity

General population

Single occupancy: 728
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 30
Double occupancy: 0
Dorms: 0
Total design: 758
Current population: April 1993: 1,282

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 224
Inmates per unit (design): 224
Inmates per unit (current): 403
Management type (design): Intermittent and remote surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: Bunk beds in cells

Total officers per unit

Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on and between fence(s), towers; costs included
Inmate security level
Maximum: 4%
Medium: 96%
Minimum: 0

Current staff

Full-time equivalent

Administration: 29
Security: 249
Programs and treatment: 31
Maintenance: 13
Total: 322
Current inmate/staff ratio: 4:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition
Negative: Government procedures and regulations

Factors affecting time schedule

Positive: Simple construction methods
Negative: Government procedures and regulations

(No floorplan available at time of publication)

Will County Adult Detention Facility

Responsible official: Sheriff, Will County

Contact: Martin Nowak, Warden, Will County Adult Detention Facility, 95 South Chicago Street, Joliet, IL 60436, 815-740-5526

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

Construction Manager: CRSS Constructors, Inc., 216 16th Street, Suite 1700, Denver, CO 80202, 303-820-5200

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial
Category: New construction
(independent facility)
Building configuration: Clusters
Complex use: N/A
Facility location: Urban
Amount of land: 6 acres

Dimensions

Total GSF: 154,562
Total NSF: 96,600
Corrections GSF: 154,562
Corrections NSF: 96,600
Housing area GSF: 103,825
Housing area NSF: 62,295
GSF per inmate (design): 489
GSF per inmate (current): 706
NSF per inmate (design): 306
NSF per inmate (current): 441
Size of cells: 72 (single), 630 (dorm)
Net/gross square feet: 63%

Inmate design capacity

General population

Single occupancy: 276
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 16
Double occupancy: 0
Dorms: 24

Total design: 316

Current population: March 1992: 219

Inmate housing areas

Design: Modular/pod
Cells per unit: 46
Inmates per unit (design): 46
Inmates per unit (current): 25
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: N/A
HVAC: Other energy recycle unit, boiler, chiller, water cooling tower
Plumbing: Stainless steel
Furniture: Steel, vinyl/plastic
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit, security glass

Security

Perimeter: Video camera surveillance; costs included

Inmate security level

Maximum: 15%
Medium: 78%
Minimum: 8%

Current staff

Full-time equivalent

Administration: 14
Security: 99
Programs and treatment: 0
Maintenance: 29
Total: 142
Current inmate/staff ratio: 1.5:1
Contracted services: Medical, programs

Architect's reported analysis

Factors affecting construction costs

Positive: Good competition, local contracting
Negative: N/A

Factors affecting time schedule

Positive: N/A
Negative: Weather problems

Time

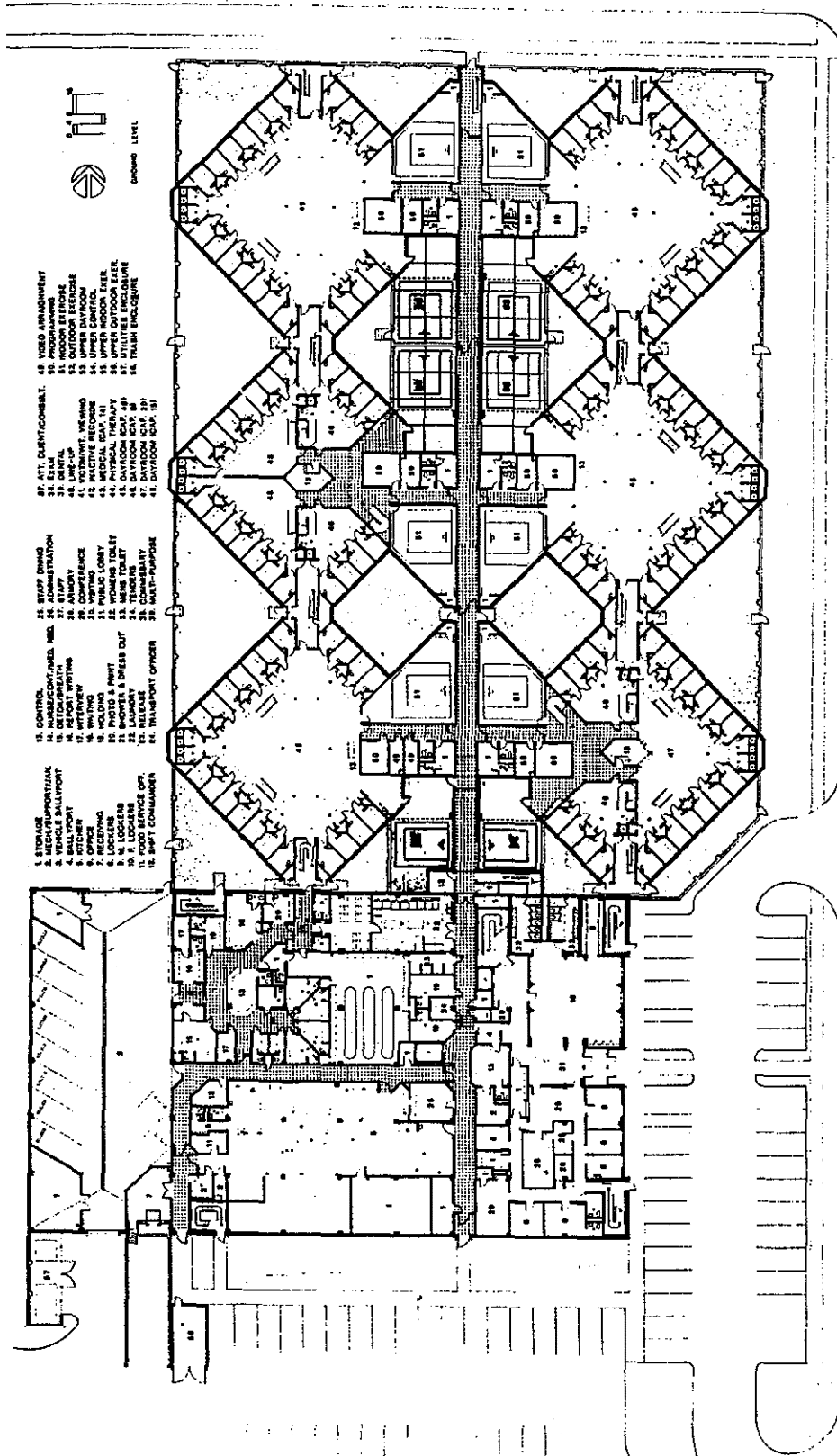
Groundbreaking: September 1987
Finish date: March 1990
Construction time: 28 months

Costs

Total: \$22,900,000
Building only: \$19,900,000
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$72,468
Total per GSF: \$148.16
Total per NSF: \$237.06
Total annual operating costs: Unknown

Construction type

Structural: Steel frame, load-bearing masonry
Exterior walls: CMU block
Interior walls: CMU block, gypsum board
Exterior surface or facade: Split-face block
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable



Boone County Jail

Responsible official: Sheriff, Boone County

Contact: Ern Hudson, Sheriff, Boone County Jail, 1905 Indianapolis Road, Lebanon, IN 46052, 317-482-1412

Architect: Schenkel Shultz, 3702 Rupp Drive, Fort Wayne, IN 46815, 219-484-9080

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Urban
Amount of land: 10 acres

Dimensions

Total GSF: 78,000
Total NSF: 50,000
Corrections GSF: 78,000
Corrections NSF: 50,000
Housing area GSF: 34,656
Housing area NSF: 25,992
GSF per inmate (design): 402
GSF per inmate (current): 639
NSF per inmate (design): 258
NSF per inmate (current): 410
Size of cells: Unknown
Net/gross square feet: 64%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking
Floor surface: Sealed concrete
Intercom: Two-way to common areas
HVAC: Gas heat, forced air
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas
Windows: Slit

Time

Groundbreaking: May 1991
Finish date: June 1992
Construction time: 14 months

Costs

Total: \$7,600,000
Building only: \$7,300,000
Final construction cost: Lower
Housing area: \$3,344,000
Housing per inmate: \$20,642
Housing per cell: Unknown
Total per inmate: \$39,175
Total per GSF: \$97.44
Total per NSF: \$152.00
Total annual operating costs: \$330,000

Construction type

Structural: Cast-in-place concrete frame
Exterior walls: Precast panels, CMU block, brick
Interior walls: CMU block
Exterior surface or facade: Brick
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels

Inmate design capacity

General population
Single occupancy: 22
Double occupancy: 140
Dorms: 0
Special population
Single occupancy: 8
Double occupancy: 4
Dorms: 20
Total design: 194
Current population: January 1993: 122

Inmate housing areas

Design: Modular/pod
Cells per unit: 11
Inmates per unit (design): 20
Inmates per unit (current): 13 (average)
Management type (design): Indirect supervision
Management type (current): Intermittent and remote surveillance
Means to handle crowding: Second bunk permanently attached
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: Lease-purchase; local special, time-limited tax levy
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only, video camera surveillance; costs included
Inmate security level
Maximum: 52%
Medium: 43%
Minimum: 5%

Current staff

Full-time equivalent
Administration: 3
Security: 10
Programs and treatment: 0
Maintenance: 1
Total: 14
Current inmate/staff ratio: 8.7:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, good competition
Negative: Complex electronic, mechanical, and electrical systems
Factors affecting time schedule
Positive: Simple construction methods, coordination of design
Negative: Complex electronic, mechanical, and electrical systems

(No floorplan available at time of publication)

Gibson County Jail

Responsible official: Commissioner, Gibson County

Contact: E. Bruce McClellan, Sheriff, Gibson County Jail, 112 East Emerson, Princeton, IN 47670, 812-385-3496

Architect: United Consulting Engineers and Architects, 1625 North Post Road, Indianapolis, IN 46219, 317-895-2585

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: State, county
Commitment type: Pretrial, sentenced
Category: New construction (separate but ancillary building), remodel/renovation
Building configuration: Integrated structure
Complex use: N/A
Facility location: Urban
Amount of land: 1 acre

Dimensions

Total GSF: 32,300
Total NSF: 23,130
Corrections GSF: 32,300
Corrections NSF: 23,130
Housing area GSF: 23,860
Housing area NSF: 18,500
GSF per inmate (design): 521
GSF per inmate (current): 769
NSF per inmate (design): 373
NSF per inmate (current): 551
Size of cells: 91 (single)
Net/gross square feet: 73%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking
Floor surface: Carpet, sealed concrete, vinyl tile
Intercom: Two-way to common areas, inmate duress alarm
HVAC: Heating/air circulation, gas heat
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit and special security

Time

Groundbreaking: July 1988
Finish date: July 1989
Construction time: Unknown

Costs

Total: \$2,800,000
Building only: \$2,700,000
Final construction cost: Higher
Housing area: \$2,200,000
Housing per inmate: \$48,889
Housing per cell: Unknown
Total per inmate: \$45,161
Total per GSF: \$86.70
Total per NSF: \$121.05
Total annual operating costs: Unknown

Construction type

Structural: Cast-in-place concrete frame
Exterior walls: Cast-in-place concrete
Interior walls: Cast-in-place concrete, CMU block
Exterior surface or facade: Stucco
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable

Inmate design capacity

General population

Single occupancy: 50
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 12
Total design: 62
Current population: December 1991: 42

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 6
Inmates per unit (design): 9
Inmates per unit (current): 6
Management type (design): Intermittent surveillance
Management type (current): Remote surveillance
Means to handle crowding: N/A

Total officers per unit

Day: 3
Evening: 2
Midnight: 2

Construction process

Contract method: Conventional design-bid-build
Finance method: Fixed financing rate
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only, video camera surveillance; costs excluded

Inmate security level

Maximum: 80%
Medium: 0
Minimum: 20%

Current staff

Full-time equivalent

Administration: 10
Security: 18
Programs and treatment: 1
Maintenance: 2
Total: 31
Current inmate/staff ratio: 1.4:1
Contracted services: N/A

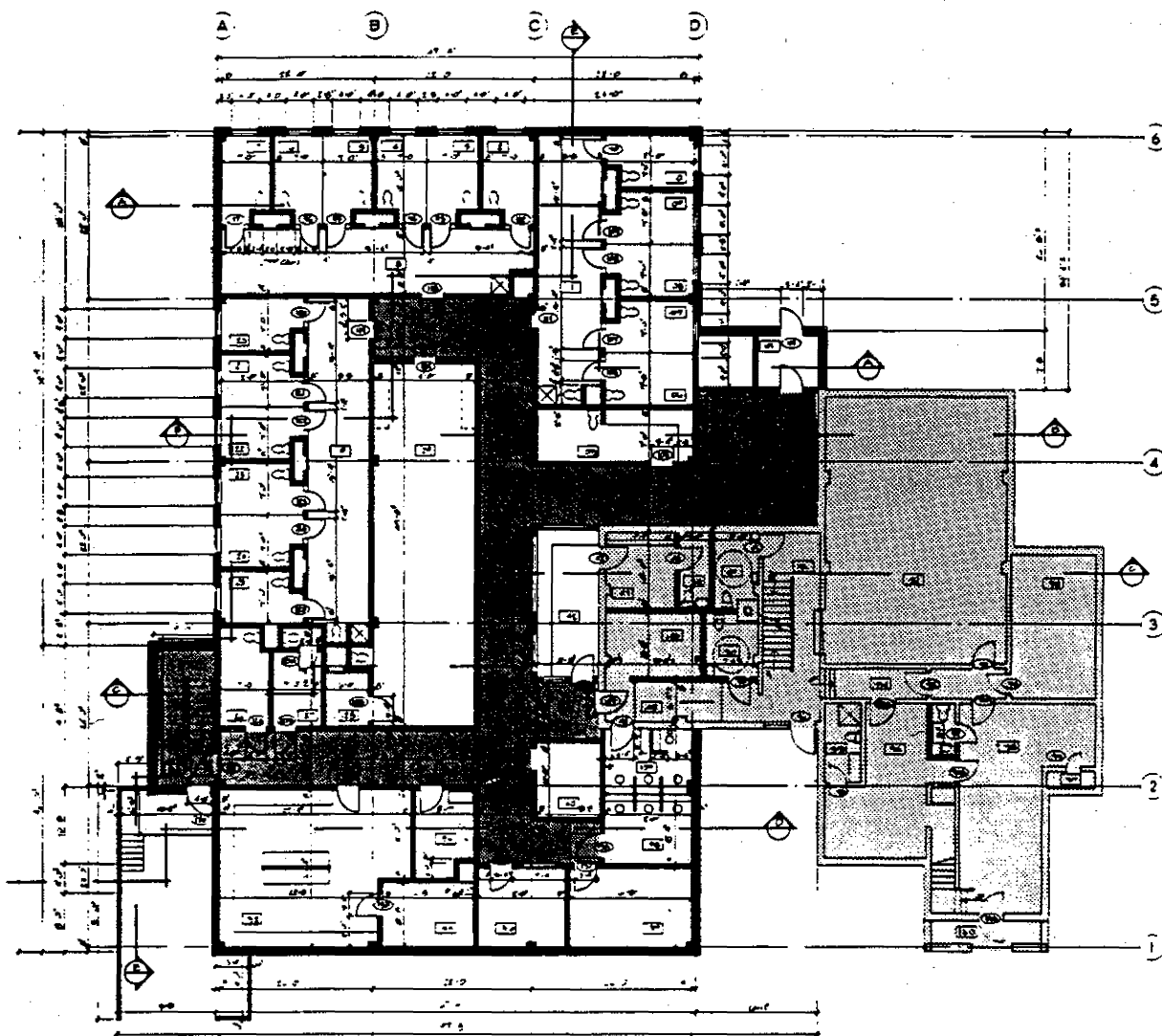
Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition, less expensive materials, creative use of materials
Negative: Difficult site conditions

Factors affecting time schedule

Positive: Simple construction methods
Negative: Complex electronic, mechanical, and electrical systems; phasing required to maintain existing facility in operation



FIRST FLOOR PLAN

- LEGEND**
- EXISTING CONSTRUCTION TO REMAIN
 - ▨ POLISHED CONCRETE
 - ▩ CONCRETE PLACED
 - ▧ EXTREME INSULATION FINISH SYSTEM
 - COLUMN

Kosciusko County Work Release

Responsible official: Sheriff, Kosciusko County

Contact: Tom Kitch, Director, Kosciusko County Work Release, 221 West Center, Warsaw, IN 46580, 219-372-2490

Architect: Schenkel Shultz, 3702 Rupp Drive, Fort Wayne, IN 46815, 219-484-9080

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County
Commitment type: Sentenced
Category: Remodel/renovation
Building configuration: Integrated structure
Complex use: N/A
Facility location: Urban
Amount of land: .25 acre

Dimensions
Total GSF: 11,000
Total NSF: 8,250
Corrections GSF: 11,000
Corrections NSF: 8,250
Housing area GSF: 2,932
Housing area NSF: 2,300
GSF per inmate (design): 262
GSF per inmate (current): 579
NSF per inmate (design): 196
NSF per inmate (current): 434
Size of cells: 109 (double), 214 (dorm)
Net/gross square feet: 75%

Inmate cells
Door material(s): Wood
Type(s) of doors: Swinging
Type(s) of locks: No locks
Floor surface: Vinyl tile
Intercom: Unknown
HVAC: Air-conditioning, gas heat, forced air
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors for cells and common areas, manual alarm stations
Windows: Slit

Time
Groundbreaking: April 1991
Finish date: September 1991
Construction time: 5 months

Costs
Total: \$260,000
Building only: \$252,000
Final construction cost: Lower
Housing area: \$81,000
Housing per inmate: \$1,928.57
Housing per cell: Unknown
Total per inmate: \$6,190
Total per GSF: \$23.64
Total per NSF: \$31.52
Total annual operating costs: Unknown

Construction type
Structural: Preexisting
Exterior walls: CMU block, brick
Interior walls: Stud and gypsum board
Exterior surface or facade: Brick
Electronic technology systems: CCTV surveillance

Inmate design capacity
General population
Single occupancy: 0
Double occupancy: 26
Dorms: 16
Special population
Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 42
Current population: December 1991: 19

Security
Perimeter: Building exterior only; costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

Inmate housing areas
Design: Linear
Cells per unit: 17
Inmates per unit (design): 42
Inmates per unit (current): 3
Management type (design): Intermittent surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: N/A
Total officers per unit
Day: 3
Evening: 2
Midnight: 1

Current staff
Full-time equivalent
Administration: 2
Security: 3
Programs and treatment: 1
Maintenance: 0
Total: 6
Current inmate/staff ratio: 3.2:1
Contracted services: N/A

Construction process
Contract method: Conventional design-bid-build
Finance method: Local special, time-limited tax levy
Use of inmate labor: None
Use of prefabrication: None

Architect's reported analysis
Factors affecting construction costs
Positive: Simple construction methods, less expensive materials
Negative: N/A
Factors affecting time schedule
Positive: Simple construction methods
Negative: Labor problems

(No floorplan available at time of publication)

Tippecanoe County Law Enforcement Center

Responsible official: Sheriff, Tippecanoe County

Contact: David Heath, Sheriff, Tippecanoe County Law Enforcement Center, 2640 Duncan Road, Lafayette, IN 47904, 317-423-9388

Architect: Hellmuth, Obata & Kassabaum, 1831 Chestnut Street, St. Louis, MO 63103, 314-421-2000;

James Associates, 8888 Keystone Crossing, Suite 1400, Indianapolis, IN 46240, 317-571-8866

Construction Manager: Guepel DeMars, 1919 North Meridian, Indianapolis, IN 46206, 317-924-9192

Facility type: County jail, complex (combined use)
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: Law enforcement, courts
Facility location: Suburban
Amount of land: Unknown

Dimensions
Total GSF: 75,410
Total NSF: 53,600
Corrections GSF: 63,440
Corrections NSF: 45,000
Housing area GSF: 44,727
Housing area NSF: 31,756
GSF per inmate (design): 343
GSF per inmate (current): 322
NSF per inmate (design): 243
NSF per inmate (current): 228
Size of cells: Unknown
Net/gross square feet: 71%

Inmate cells
Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Two-way to cells
HVAC: Heating/air circulation only, forced air
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Smoke detectors for common areas, sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Time
Groundbreaking: September 1988
Finish date: April 1990
Construction time: 19 months

Inmate design capacity
General population
Single occupancy: 106
Double occupancy: 72
Dorms: 0
Special population
Single occupancy: 7
Double occupancy: 0
Dorms: 0
Total design: 185
Current population: April 1993: 197

Security
Perimeter: Building exterior only, single fence, razor wire on fence(s), video camera surveillance; costs included
Inmate security level
Maximum: 0
Medium: 89%
Minimum: 11%

Costs
Total: \$9,500,000
Building only: \$9,090,000
Final construction cost: Unknown
Housing area: \$5,600,000
Housing per inmate: \$31,461
Housing per cell: \$39,437
Total per inmate: N/A
Total per GSF: \$125.98
Total per NSF: \$177.24
Total annual operating costs: \$4,000,000

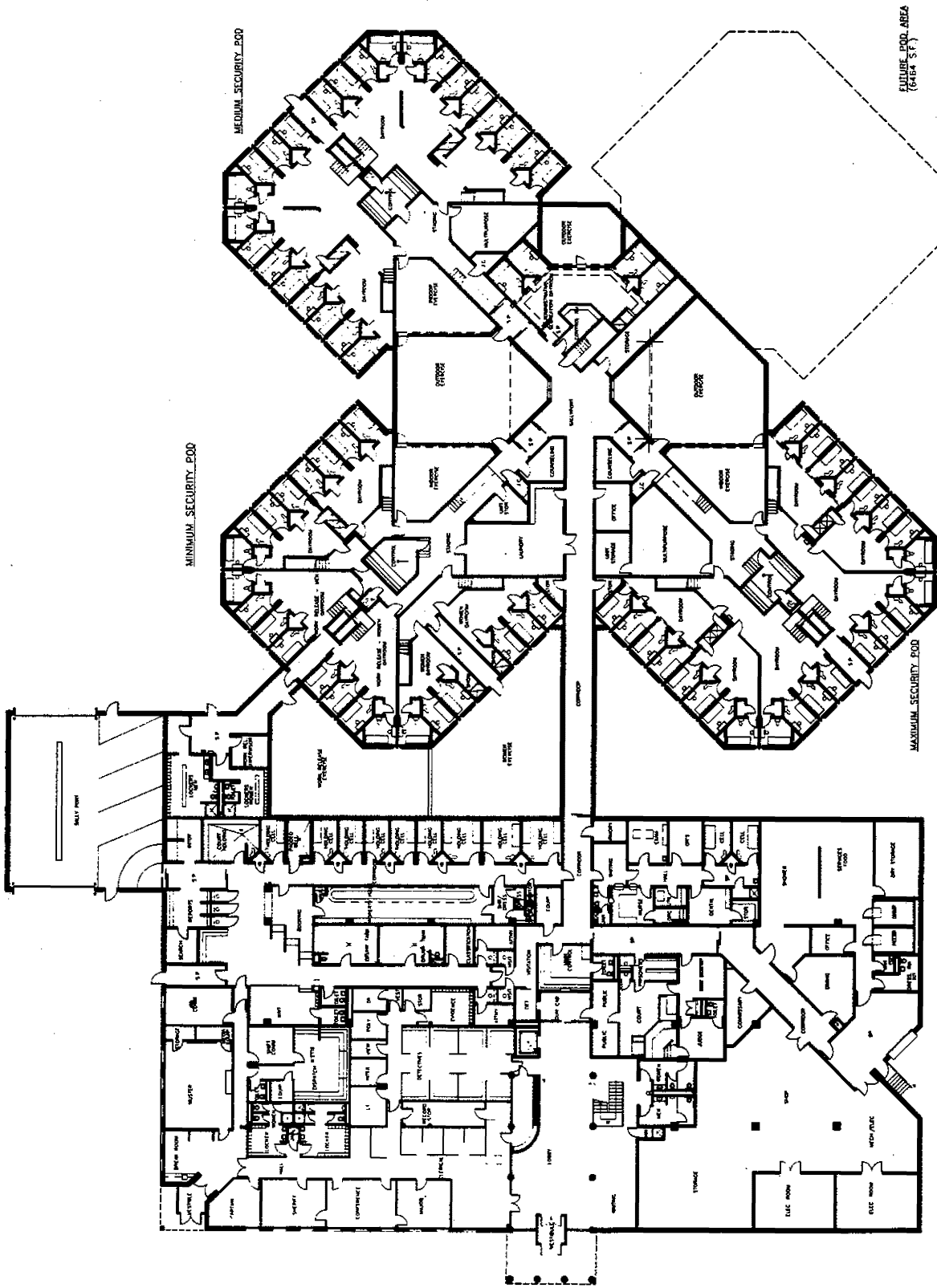
Inmate housing areas
Design: Modular/pod
Cells per unit: 12
Inmates per unit (design): 12
Inmates per unit (current): 12
Management type (design): Remote surveillance
Management type (current): Remote surveillance
Means to handle crowding: Second bunk permanently attached
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Current staff
Full-time equivalent
Administration: 3
Security: 33
Programs and treatment: 0
Maintenance: 2
Total: 38
Current inmate/staff ratio: 5.2:1
Contracted services: Unknown

Construction type
Structural: Cast-in-place concrete frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: Split face
Electronic technology systems: Lighting protection, CCTV surveillance, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, satellite/cable

Construction process
Contract method: Multiple bid packages (fast track)
Finance method: Bonding through County Jail Building Corporation
Use of inmate labor: Limited; building components
Use of prefabrication: Limited; building components

Architect's reported analysis
Factors affecting construction costs
Positive: Prefabricated components, simple construction methods
Negative: Government procedures and regulations, multiple bid packages
Factors affecting time schedule
Positive: Simple construction methods
Negative: N/A



FIRST FLOOR PLAN

El Dorado Correctional Facility

Responsible official: Secretary, Kansas Department of Corrections

Contact: Michael Nelson, Warden, El Dorado Correctional Facility, P.O. Box 311, Route 3 Box 191, El Dorado, KS 67042, 316-321-7284

Architect: Gossen Livingston Associates, 420 South Emporia, Wichita, KS 67202, 316-265-9367

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Suburb
Amount of land: 640 acres

Dimensions

Total GSF: 434,255
Total NSF: 282,265
Corrections GSF: 434,255
Corrections NSF: 282,265
Housing area GSF: 203,500
Housing area NSF: 162,800
GSF per inmate (design): 678
GSF per inmate (current): 777
NSF per inmate (design): 441
NSF per inmate (current): 505
Size of cells: 90 (single)
Net/gross square feet: 65%

Inmate cells

Door material(s): Steel
Type(s) of doors: Sliding
Type(s) of locks: Motor driven and remote locking
Floor surface: Sealed concrete
Intercom: One-way to cells
HVAC: Forced air
Plumbing: China, stainless steel combination unit
Furniture: Steel
Fire protection: Sprinklers for cells and common areas
Windows: Slit, security glass

Time

Groundbreaking: February 1990
Finish date: March 1992
Construction time: 21 months

Costs

Total: \$50,503,049
Building only: Unknown
Final construction cost: Higher
Housing area: \$20,110,000
Housing per inmate: \$31,422
Housing per cell: \$31,422
Total per inmate: \$78,911
Total per GSF: \$116.30
Total per NSF: \$178.92
Total annual operating costs: \$13,783,576

Construction type

Structural: Steel frame, precast concrete frame
Exterior walls: Insulated precast concrete
Interior walls: Precast panels, CMU block
Exterior surface or facade: Precast concrete
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm

Inmate design capacity

General population

Single occupancy: 640
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 640

Current population: February 1993: 559

Inmate housing areas

Design: Modular/pod
Cells per unit: 128
Inmates per unit (design): 128
Inmates per unit (current): 109
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 3
Evening: 3
Midnight: 3

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: State general obligation bonds
Use of inmate labor: Limited; security fence installation, paving
Use of prefabrication: Moderate; housing unit wall structure

Security

Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on and between fence(s), towers; costs included

Inmate security level

Maximum: 100%
Medium: 0
Minimum: 0

Current staff

Full-time equivalent

Administration: 24
Security: 284
Programs and treatment: 102
Maintenance: 44
Total: 454
Current inmate/staff ratio: 1.2:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs

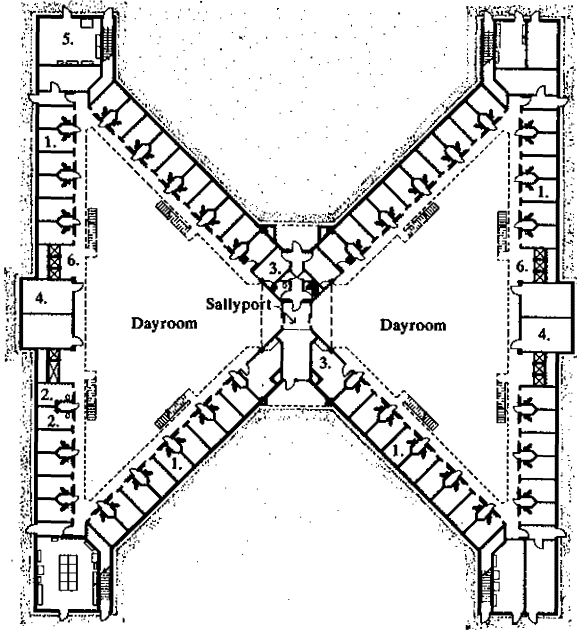
Positive: Prefabricated components; simple construction methods, phased construction (fast track); good competition, less expensive materials

Negative: Difficult site conditions

Factors affecting time schedule

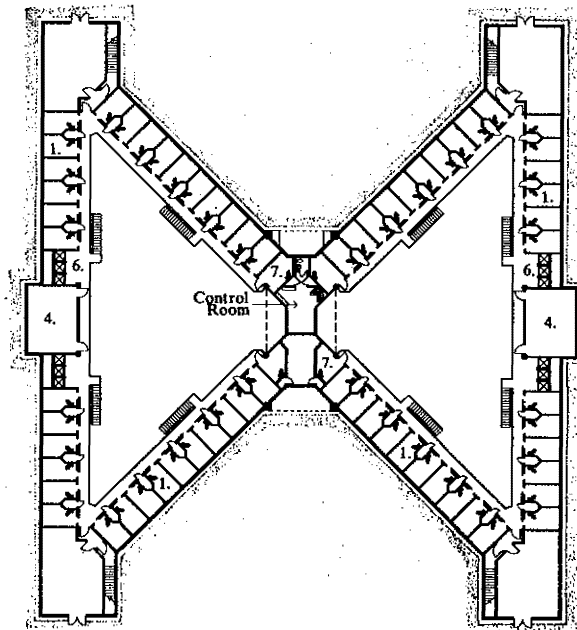
Positive: Prefabricated components; simple construction methods, phased construction (fast track); advanced order of materials; coordination of design

Negative: Government procedures and regulations



Typical Housing Unit
First Floor Plan

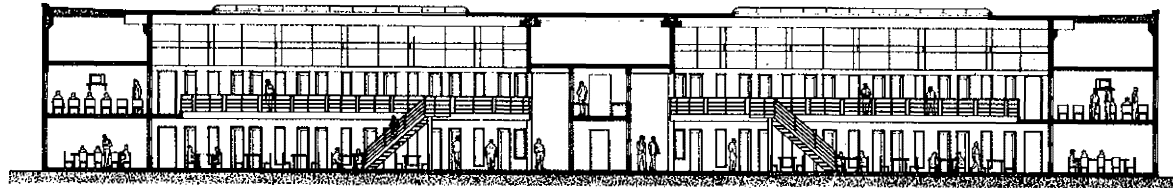
0 4 8 16 24



Typical Housing Unit
Second Floor Plan

0 4 8 16 24

- HOUSING
- 1. Cell
 - 2. Messing Ckt
 - 3. Office
 - 4. Multi-Purpose Room
 - 5. Restroom/Communication
 - 6. Shower
 - 7. Observation Ckt



Typical Housing Unit
Transverse Section

Johnson County Jail

Responsible official: Sheriff, Johnson County

Contact: Larry E. Smith, Major, Johnson County Jail, 101 North Kansas Avenue, Olathe, KS 66061, 913-791-1100

Architect: Shaughnessy Fickel and Scott Architects, Inc., 920 Walnut, Kansas City, MO 64106, 816-474-1397

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure, highrise
Complex use: N/A
Facility location: Suburb
Amount of land: 3 acres

Dimensions

Total GSF: 142,995
Total NSF: 110,072
Corrections GSF: 135,854
Corrections NSF: 103,612
Housing area GSF: 94,610
Housing area NSF: 72,827
GSF per inmate (design): 522
GSF per inmate (current): 561
NSF per inmate (design): 402
NSF per inmate (current): 432
Size of cells: 71.9 (single)
Net/gross square feet: 77%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote and manual locking
Floor surface: Carpet, epoxy coating
Intercom: One-way to cells, two-way to common areas
HVAC: Forced air
Plumbing: China
Furniture: Steel, wood, upholstered
Fire protection: Smoke detectors and sprinklers for cells and common areas
Windows: Slit

Time

Groundbreaking: April 1986
Finish date: August 1988
Construction time: 28 months

Costs

Total: \$16,000,000
Building only: \$14,275,000
Final construction cost: Higher
Housing area: \$9,530,065
Housing per inmate: \$44,533
Housing per cell: \$44,533
Total per inmate: \$58,395
Total per GSF: \$111.89
Total per NSF: \$145.36
Total annual operating costs: \$8,439,148

Construction type

Structural: Steel frame, cast-in-place concrete frame
Exterior walls: Precast panels, brick
Interior walls: Cast-in-place concrete, CMU block
Exterior surface or facade: Brick
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, satellite/cable

Inmate design capacity

General population

Single occupancy: 214
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 60
Double occupancy: 0
Dorms: 0

Total design: 274

Current population: December 1991: 255

Inmate housing areas

Design: Modular/pod
Cells per unit: 48
Inmates per unit (design): 48
Inmates per unit (current): 48
Management type (design): Remote surveillance, direct supervision
Management type (current): Direct supervision
Means to handle crowding: Beds in dayroom, contract with other jurisdictions
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only; costs excluded

Inmate security level

Maximum: 4%
Medium: 92%
Minimum: 0
Juvenile/medical isolation: 4%

Current staff

Full-time equivalent

Administration: 9
Security: 116
Programs and treatment: 19
Maintenance: 6
Total: 150
Current inmate/staff ratio: 1.7:1
Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs

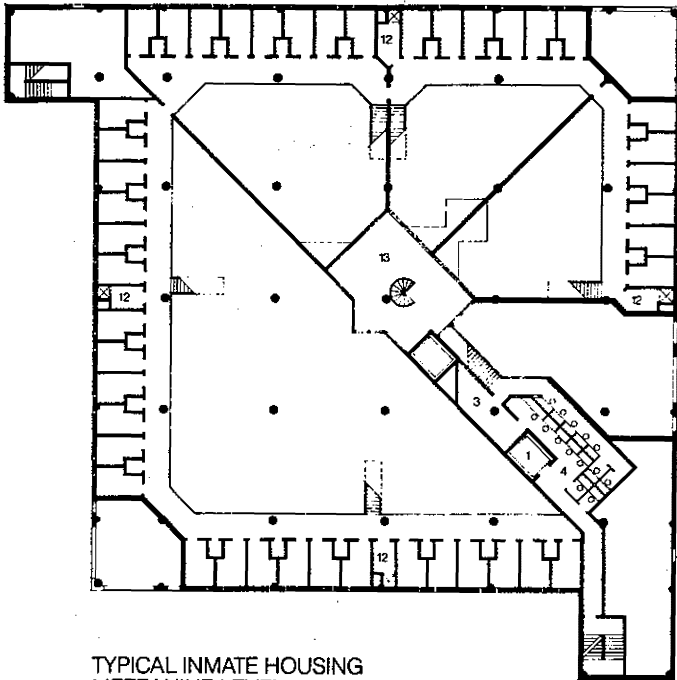
Positive: Simple construction methods, good competition

Negative: Complex electronic, mechanical, and electrical systems

Factors affecting time schedule

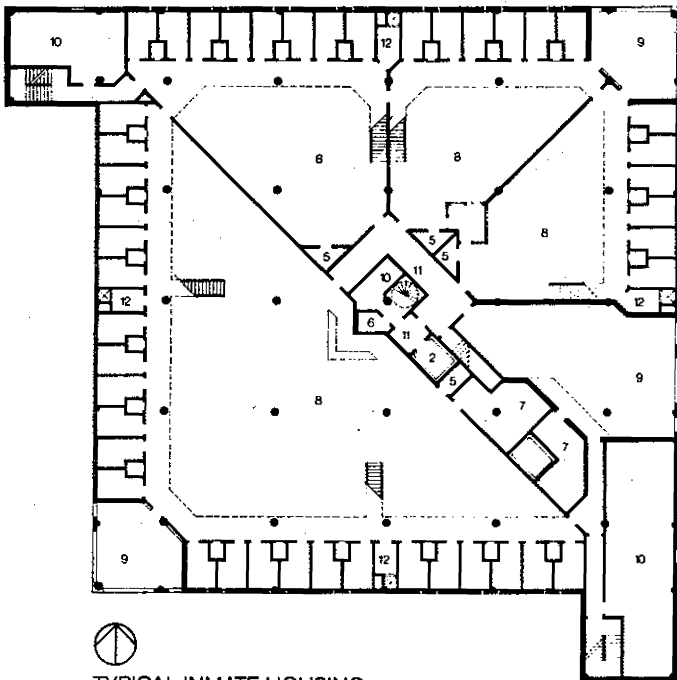
Positive: Simple construction methods, coordination of design

Negative: Complex electronic, mechanical, and electrical systems



TYPICAL INMATE HOUSING
MEZZANINE LEVEL

1. Jail Visitor Elevator
2. Inmate/Security Staff Elevator
3. Contact Visiting
4. Non-Contact Visiting
5. Janitor Closet
6. Security Staff Toilet
7. Storage
8. Day Space
9. Outdoor Exercise
10. Mechanical Equipment
11. Secured Vestibule
12. Inmate Shower
13. Control Booth



TYPICAL INMATE HOUSING
DAY SPACE LEVEL

0 10 20 40

Lansing Correctional Facility—East

Responsible official: Secretary, Kansas Department of Corrections

Contact: David R. McKune, Warden, Lansing Correctional Facility—East, P.O. Box 2, Lansing, KS 60043, 913-727-3235

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

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Campus style
Complex use: N/A
Facility location: Urban
Amount of land: 16 acres

Dimensions

Total GSF: 25,840
Total NSF: 21,336
Corrections GSF: 25,840
Corrections NSF: 21,336
Housing area GSF: 20,920
Housing area NSF: 17,102
GSF per inmate (design): 129
GSF per inmate (current): 107
NSF per inmate (design): 107
NSF per inmate (current): 107
Size of cells: 50 (sleeping cubicle)
Net/gross square feet: 83%

Inmate cells

Door material(s): Standard hollow metal
Type(s) of doors: Swinging
Type(s) of locks: Electric latch
Floor surface: Vinyl tile
Intercom: One-way to common areas
HVAC: Steam heat
Plumbing: China
Furniture: Unknown
Fire protection: Smoke detectors throughout, manual alarm stations
Windows: Standard and screens

Security

Perimeter: Single fence, razor wire on fence(s), perimeter patrols; costs excluded

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 2
Security: 16
Programs and treatment: 0
Maintenance: 0
Total: 18
Current inmate/staff ratio: 11.1:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition, less expensive materials
Negative: N/A

Factors affecting time schedule

Positive: Simple construction methods, coordination of design
Negative: N/A

Time

Groundbreaking: June 1989
Finish date: December 1989
Construction time: 6 months

Costs

Total: \$2,027,100
Building only: \$1,482,000
Final construction cost: Lower
Housing area: \$1,482,000
Housing per inmate: \$7,410
Housing per cell: Unknown
Total per inmate: \$10,136
Total per GSF: \$78.45
Total per NSF: \$95.00
Total annual operating costs: Unknown

Construction type

Structural: Steel frame, masonry bearing walls
Exterior walls: CMU block, brick
Interior walls: CMU block
Exterior surface or facade: Brick
Electronic technology systems: Staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 200

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 200
Current population: June 1992: 200

Inmate housing areas

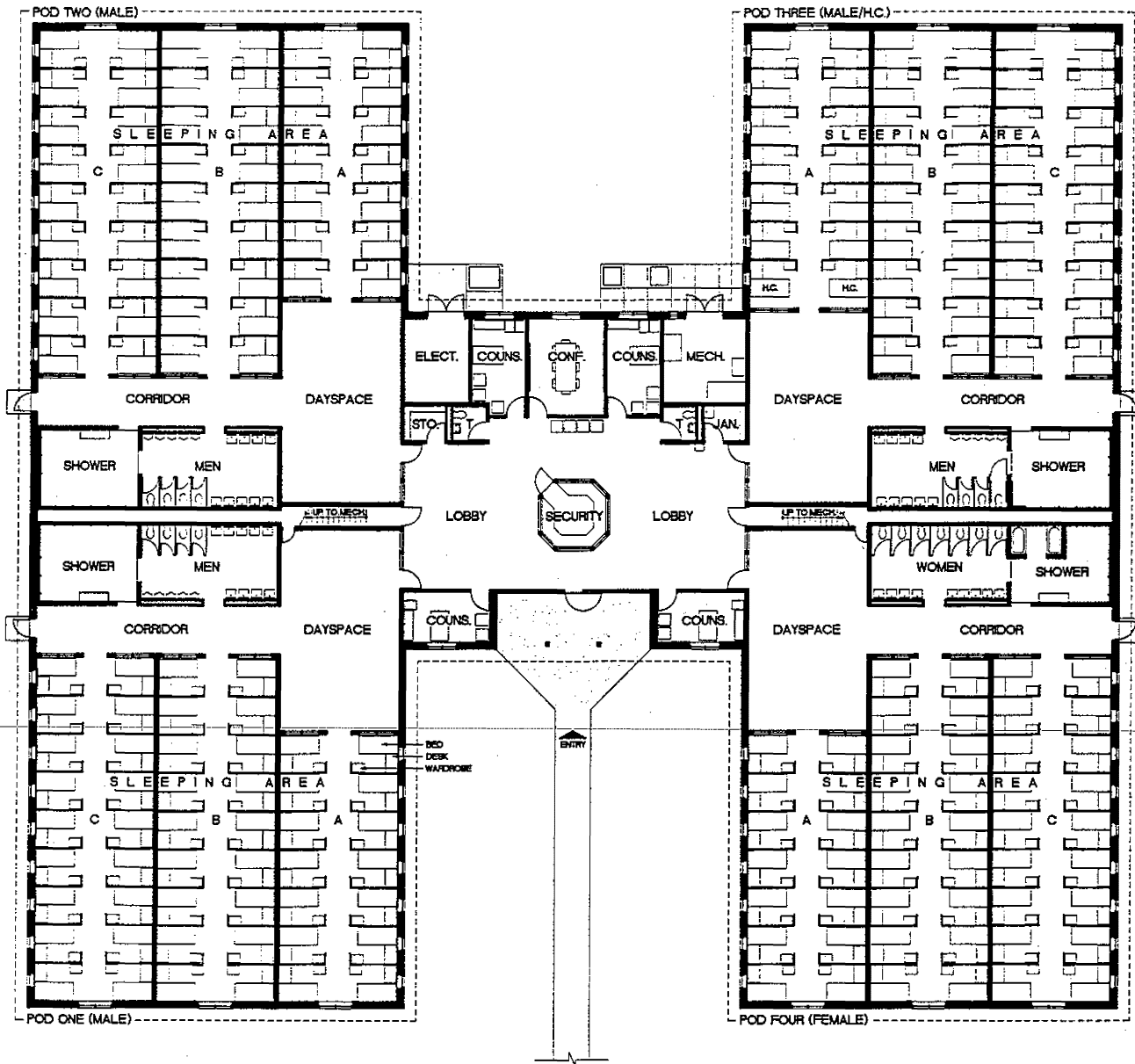
Design: Modular/pod
Cells per unit: 50
Inmates per unit (design): 50
Inmates per unit (current): 50
Management type (design): Intermittent surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: Transfer to another facility

Total officers per unit

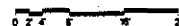
Day: 2
Evening: 2
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: State institutional building fund
Use of inmate labor: Limited; concrete paving
Use of prefabrication: None



200 BED DORMITORY



Larned Correctional Mental Health Facility

Responsible official: Secretary, Kansas Department of Corrections

Contact: Harold J. Nye, Warden, Larned Correctional Mental Health Facility, Box E, Larned, KS 67550-0280, 316-258-6249

Architect: Gossen Livingston, 420 South Emporia, Wichita, KS 67202, 316-265-9367

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 104 acres

Dimensions

Total GSF: 115,885
Total NSF: 81,120
Corrections GSF: 115,885
Corrections NSF: 81,120
Housing area GSF: 49,528
Housing area NSF: 29,015
GSF per inmate (design): 773
GSF per inmate (current): 966
NSF per inmate (design): 541
NSF per inmate (current): 676
Size of cells: 100 (single)
Net/gross square feet: 70%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Two-way to cells and common areas
HVAC: Steam heat, forced air
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: February 1991
Finish date: January 1992
Construction time: 11 months

Costs

Total: \$15,776,829
Building only: \$13,709,785
Final construction cost: Higher
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$105,179
Total per GSF: \$136.14
Total per NSF: \$194.49
Total annual operating costs: \$7,300,310

Construction type

Structural: Load-bearing precast panels, steel frame, load-bearing masonry
Exterior walls: Precast panels, brick, metal panel
Interior walls: Precast panels, CMU block
Exterior surface or facade: Brick, textured concrete
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm, lighting in towers

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 150
Double occupancy: 0
Dorms: 0

Total design: 150

Current population: April 1993: 120

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 30
Inmates per unit (design): 30
Inmates per unit (current): 30
Management type (design): Intermittent and remote surveillance, direct supervision
Management type (current): Intermittent and remote surveillance, direct supervision
Means to handle crowding: Admissions curtailed
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds, Federal funds
Use of inmate labor: None
Use of prefabrication: Moderate; precast wall/roof construction

Security

Perimeter: Single fence, perimeter patrols and detection/alarm, razor wire on fence(s), towers; costs included

Inmate security level

Maximum: 100%
Medium: 0
Minimum: 0

Current staff

Full-time equivalent

Administration: 35
Security: 117
Programs and treatment: 40
Maintenance: 22
Total: 214
Current inmate/staff ratio: .6:1
Contracted services: Medical, food, programs

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition
Negative: Complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Simple construction methods, coordination of design
Negative: Slow response or delivery from vendor/supplier; weather problems; complex electronic, mechanical, and electrical systems

(No floorplan available at time of publication)

Sedgwick County Adult Local Detention Facility

Responsible official: Sheriff, Lake County

Contact: Mitch Paige, Detention Division Captain, Sedgwick County Adult Local Detention Facility, 141 West Elm Street, Wichita, KS 67203, 316-383-7205

Architect: Schaefer, John, Cox, Frey & Associates, 220 South Hillside, Wichita, KS 67211, 316-684-0171

Construction Manager: CRSS Constructors, Inc., 216 16th Street Mall, Suite 1700, Denver, CO 80202, 303-820-5200

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Clusters
Complex use: N/A
Facility location: Urban
Amount of land: Unknown

Dimensions

Total GSF: 202,459
Total NSF: Unknown
Corrections GSF: 202,459
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 471
GSF per inmate (current): 526
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 70 (single)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Unknown
Floor surface: Continuous resin coating
Intercom: Two-way to cells and common areas
HVAC: Hot water
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: October 1987
Finish date: April 1990
Construction time: 30 months

Costs

Total: \$25,700,000
Building only: \$20,712,730
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$59,767
Total per GSF: \$126.94
Total per NSF: Unknown
Total annual operating costs: \$4,510,584

Construction type

Structural: Cast-in-place concrete frame
Exterior walls: Precast panels
Interior walls: CMU block
Exterior surface or facade: Colored precast
Electronic technology systems: CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population

Single occupancy: 398
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 12
Double occupancy: 0
Dorms: 20

Total design: 430

Current population: March 1992: 385

Inmate housing areas

Design: Modular/pod
Cells per unit: 48
Inmates per unit (design): 48
Inmates per unit (current): 48
Management type (design): Remote surveillance, direct supervision
Management type (current): Remote surveillance, direct supervision
Means to handle crowding: Transfer to another facility, beds in dayroom
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: Limited; precast exterior panels

Security

Perimeter: Building exterior only, video camera surveillance; costs included

Inmate security level

Maximum: 23%
Medium: 69%
Minimum: 8%

Current staff

Full-time equivalent

Administration: 5
Security: 113
Programs and treatment: 7
Maintenance: 0
Total: 125
Current inmate/staff ratio: 3.1:1
Contracted services: Food, medical, dental

Architect's reported analysis

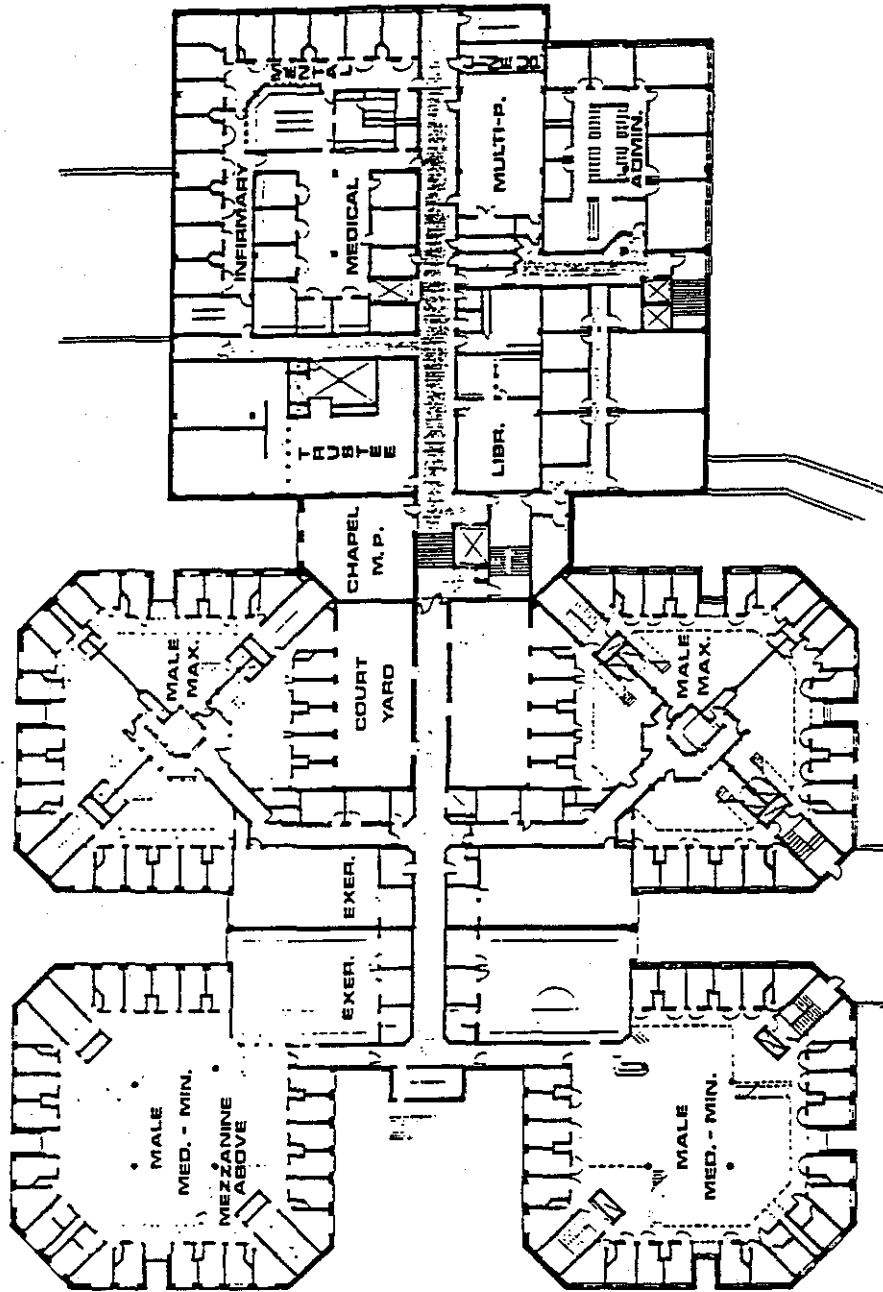
Factors affecting construction costs

Positive: Simple construction methods, phased construction (fast track); good competition

Negative: Slow construction and lengthy building time; difficult site conditions; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Simple construction methods, phased construction (fast track); advanced order of materials; coordination of design
Negative: Slow response or delivery from vendor/supplier; complex electronic, mechanical, and electrical systems



Sedgwick County Work Release

Responsible official: Sheriff, Sedgwick County

Contact: Lyman Reese, Administrator, Sedgwick County Work Release, 701 West Harry Street, Wichita, KS 67213, 316-383-7685

Architect: Wilson-Darnell Associates, 128 North Oliver, Wichita, KS 67208, 316-681-2099

Construction Manager: CRSS Constructors, Inc., P.O. Box 87, Wichita, KS 67201, 316-268-3586

Facility type: County jail
Jurisdiction type: County
Commitment type: Sentenced
Category: Remodel/renovation
Building configuration: Integrated structure
Complex use: N/A
Facility location: Urban
Amount of land: 3 acres

Dimensions

Total GSF: Unknown
Total NSF: Unknown
Corrections GSF: Unknown
Corrections NSF: Unknown
Housing area GSF: 23,500
Housing area NSF: Unknown
GSF per inmate (design): Unknown
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 3,156 (pod)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Carpet, epoxy coating, sealed concrete, vinyl tile
Intercom: Two-way to common areas
HVAC: Gas heat, forced air
Plumbing: China
Furniture: N/A
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard

Time

Groundbreaking: September 1987
Finish date: May 1988
Construction time: 9 months

Costs

Total: \$1,531,854
Building only: \$1,219,412
Final construction cost: Lower
Housing area: \$978,300
Housing per inmate: \$9,882
Housing per cell: Unknown
Total per inmate: \$15,473
Total per GSF: Unknown
Total per NSF: Unknown
Total annual operating costs: \$624,278

Construction type

Structural: Cast-in-place concrete frame
Exterior walls: Cast-in-place concrete, synthetic plaster
Interior walls: Cast-in-place concrete, CMU block
Exterior surface or facade: Stucco
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 0
Double occupancy: 55
Dorms: 44

Total design: 99

Current population: March 1992: 59

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 5
Inmates per unit (design): 28
Inmates per unit (current): 28
Management type (design): Intermittent surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: Controlled admittance to program
Total officers per unit
Day: 2
Evening: 3
Midnight: 2

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: Unknown
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only, perimeter detection/alarm, video camera surveillance; costs included

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 4
Security: 13
Programs and treatment: 0
Maintenance: 0
Total: 17
Current inmate/staff ratio: 3.5:1
Contracted services: Food

Architect's reported analysis

Factors affecting construction costs

Positive: Good competition, less expensive materials

Negative: N/A

Factors affecting time schedule

Positive: Phased construction (fast track), advanced order of materials, coordination of design

Negative: N/A

(No floorplan available at time of publication)

Shawnee County Adult Detention Facility

Responsible official: Kansas Board of Commissioners, Shawnee County

Contact: Thomas R. Merkel, Jail Administrator, Shawnee County Adult Detention Facility, 501 Southeast Eighth Street, Topeka, KS 66607, 913-291-5100

Architect: Slemmons Associates, Architects, 534 South Kansas Avenue, Suite 1030, Topeka, KS 66603-3432, 913-235-9244

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County, city
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Urban
Amount of land: 7.65 acres

Dimensions

Total GSF: 124,765
Total NSF: 104,475
Corrections GSF: 124,765
Corrections NSF: 104,475
Housing area GSF: 32,200
Housing area NSF: 14,400
GSF per inmate (design): 627
GSF per inmate (current): 693
NSF per inmate (design): 525
NSF per inmate (current): 580
Size of cells: 80 (single)
Net/gross square feet: 84%

Inmate design capacity

General population

Single occupancy: 180

Double occupancy: 0

Dorms: 0

Special population

Single occupancy: 19

Double occupancy: 0

Dorms: 0

Total design: 199

Current population: December 1991: 180

Inmate housing areas

Design: Modular/pod

Cells per unit: Unknown

Inmates per unit (design): Unknown

Inmates per unit (current): Unknown

Management type (design): Direct supervision

Management type (current): Direct supervision

Means to handle crowding: Mattresses on floor in gymnasium

Total officers per unit

Day: 1

Evening: 1

Midnight: 1

Construction process

Contract method: Conventional design-bid-build

Finance method: Local general obligation bonds

Use of inmate labor: None

Use of prefabrication: None

Inmate cells

Door material(s): Wood

Type(s) of doors: Swinging

Type(s) of locks: Remote locking only

Floor surface: Carpet, epoxy coating, sealed concrete, vinyl tile

Intercom: Two-way to cells, inmate duress alarm

HVAC: Gas fire boiler, air-conditioning

Plumbing: Stainless steel, stainless steel combination unit

Furniture: Steel, wood

Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations

Windows: Special security

Security

Perimeter: Building exterior only, perimeter detection/alarm, video camera surveillance, fenced restraining areas for emergencies; costs included

Inmate security level

Maximum: 20%

Medium: 80%

Minimum: 0

Current staff

Full-time equivalent

Administration: 3

Security: 74

Programs and treatment: 23

Maintenance: 10

Total: 110

Current inmate/staff ratio: 1.6:1

Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs

Positive: Simple constr. methods, good competition, less expensive materials

Negative: Complex electronic, mechanical, and electrical systems; gov. requirements

Factors affecting time schedule

Positive: Simple construction methods, advanced order of materials

Negative: Slow response or delivery from vendor/supplier; weather problems; gov. procedures and regulations; complex electronic, mechanical, and electrical systems

Time

Groundbreaking: September 1985

Finish date: March 1988

Construction time: 29 months

Costs

Total: \$14,407,900

Building only: \$14,322,365

Final construction cost: Higher

Housing area: \$4,385,000

Housing per inmate: \$24,361

Housing per cell: \$24,361

Total per inmate: \$72,402

Total per GSF: \$115.48

Total per NSF: \$137.91

Total annual operating costs: \$3,926,885

Construction type

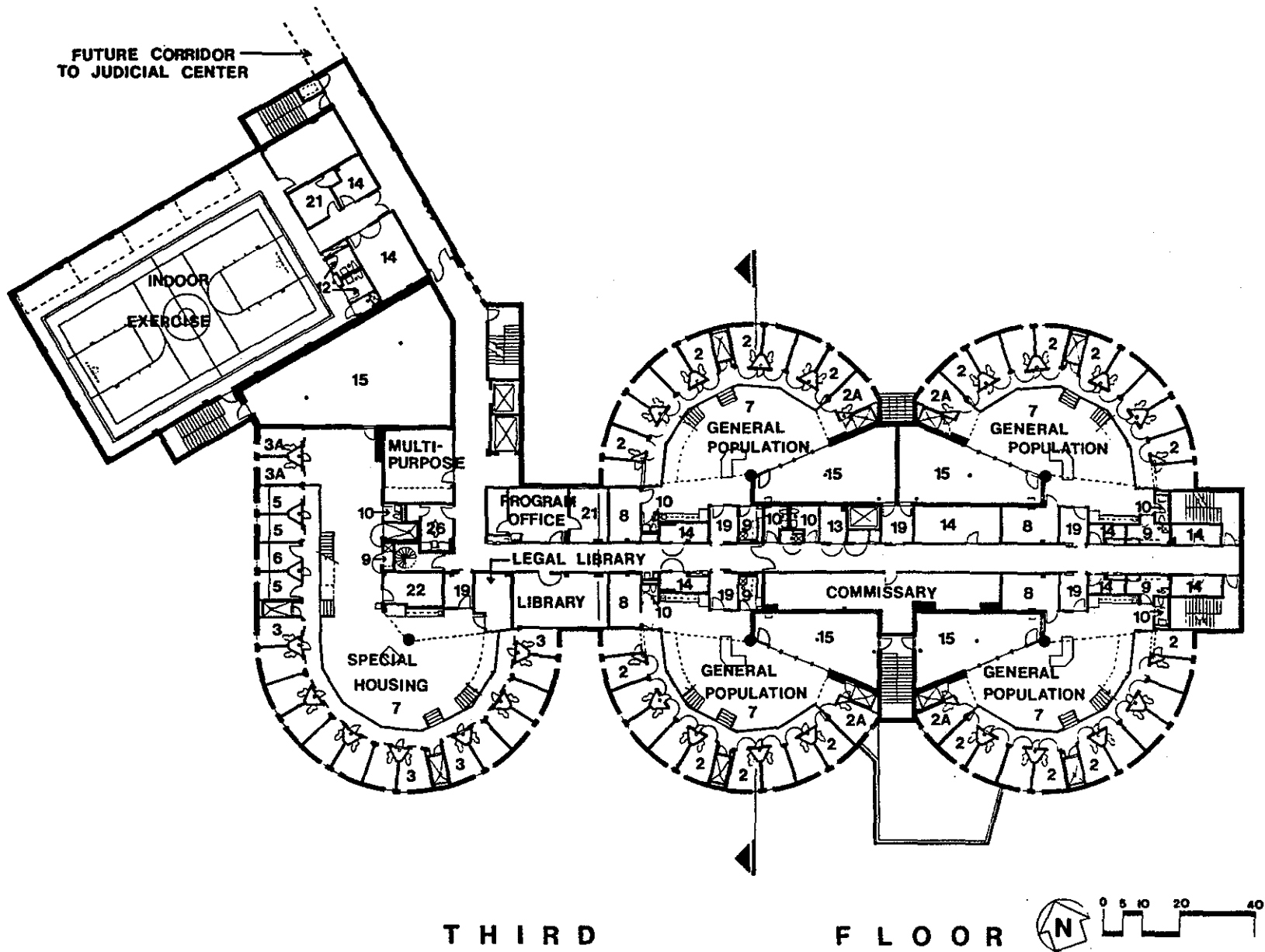
Structural: Cast-in-place concrete frame

Exterior walls: Cast-in-place concrete, CMU block, brick

Interior walls: Cast-in-place concrete, CMU block

Exterior surface or facade: Brick

Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, perimeter detection/alarm, satellite/cable



T H I R D

F L O O R

Stanton County Law Enforcement Center

Responsible official: Sheriff, Stanton County

Contact: James Garrison, Sheriff, Stanton County Law Enforcement Center, 208 North Chestnut, Johnson, KS 67855, 316-492-6866

Architect: N/A

Construction Manager: N/A

Facility type: County jail complex (combined use)
Jurisdiction type: County, contract
Commitment type: Pretrial, sentenced
Category: Remodel/renovation, expansion
Building configuration: Integrated structure
Complex use: Law enforcement
Facility location: Rural
Amount of land: .25 acre

Dimensions

Total GSF: 11,718
Total NSF: Unknown
Corrections GSF: 4,216
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 976
GSF per inmate (current): 1,172
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: Unknown
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging, sliding
Type(s) of locks: Remote and manual locking
Floor surface: Sealed concrete
Intercom: Two-way to cells and common areas
HVAC: Forced air
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Smoke detectors for cells and common areas
Windows: Special security

Time

Groundbreaking: Unknown
Finish date: July 1991
Construction time: Unknown

Costs

Total: \$260,000
Building only: \$200,000
Final construction cost: Higher
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: N/A
Total per GSF: \$22.19
Total per NSF: \$61.67
Total annual operating costs: \$363,000

Construction type

Structural: Block, brick
Exterior walls: Brick
Interior walls: CMU block
Exterior surface or facade: Unknown
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, duress/fire alarm, door control/monitoring

Inmate design capacity

General population
Single occupancy: 5
Double occupancy: 6
Dorms: 0
Special population
Single occupancy: 1
Double occupancy: 0
Dorms: 0
Total design: 12
Current population: July 1991: 10

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 7
Inmates per unit (design): 10
Inmates per unit (current): 10
Management type (design): Intermittent surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: N/A
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Unknown
Finance method: Unknown
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Double fence, video camera surveillance; costs included
Inmate security level
Maximum: 12.5%
Medium: 50%
Minimum: 37.5%

Current staff

Full-time equivalent
Administration: 2
Security: 7
Programs and treatment: 0
Maintenance: 1
Total: 10
Current inmate/staff ratio: 1:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs
Positive: N/A
Negative: High labor costs
Factors affecting time schedule
Positive: N/A
Negative: N/A

(No floorplan available at time of publication)

Wyandotte County Detention Center

Responsible official: Sheriff, Wyandotte County

Contact: Captain Dewey W. Bond, Warden, Wyandotte County Detention Center, 710 North Seventh Street, Kansas City, KS 66101, 913-573-2865

Architect: Schlup, Becker & Brennan, Fourth and State Avenue, Suite 900, Gateway II, Kansas City, KS 66101, 913-281-4210

Construction Manager: N/A

Facility type: County jail, complex (combined use)
Jurisdiction type: State, county
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure, highrise
Complex use: Law enforcement, courts, district attorney offices
Facility location: Urban
Amount of land: Unknown

Dimensions

Total GSF: 229,625
Total NSF: 197,391
Corrections GSF: 186,077
Corrections NSF: 162,123
Housing area GSF: 140,244
Housing area NSF: 124,944
GSF per inmate (design): 502
GSF per inmate (current): 756
NSF per inmate (design): 437
NSF per inmate (current): 659
Size of cells: 72.1 and 90 (single)
Net/gross square feet: 86%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Carpet, sealed concrete
Intercom: Two-way to cells, inmate duress alarm
HVAC: Forced air
Plumbing: Stainless steel combination unit
Furniture: Steel, vinyl/plastic
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Special security

Time

Groundbreaking: January 1988
Finish date: March 1990
Construction time: 23 months

Costs

Total: \$26,347,685
Building only: \$26,000,000
Final construction cost: Higher
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: N/A
Total per GSF: \$114.74
Total per NSF: \$133.48
Total annual operating costs: Unknown

Construction type

Structural: Cast-in-place concrete frame
Exterior walls: Precast panels, cast-in-place concrete
Interior walls: Cast-in-place concrete, CMU block
Exterior surface or facade: Textured concrete, colored concrete
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels

Inmate design capacity

General population

Single occupancy: 338
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 33
Double occupancy: 0
Dorms: 0

Total design: 371

Current population: June 1992: 246

Inmate housing areas

Design: Modular/pod
Cells per unit: 44
Inmates per unit (design): 44
Inmates per unit (current): Unknown
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: Bonds by public building corporation
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only; costs included

Inmate security level

Maximum: 6%
Medium: 94%
Minimum: 0

Current staff

Full-time equivalent

Administration: 9
Security: 85
Programs and treatment: 31
Maintenance: 8
Total: 133
Current inmate/staff ratio: 1.8:1
Contracted services: Medical

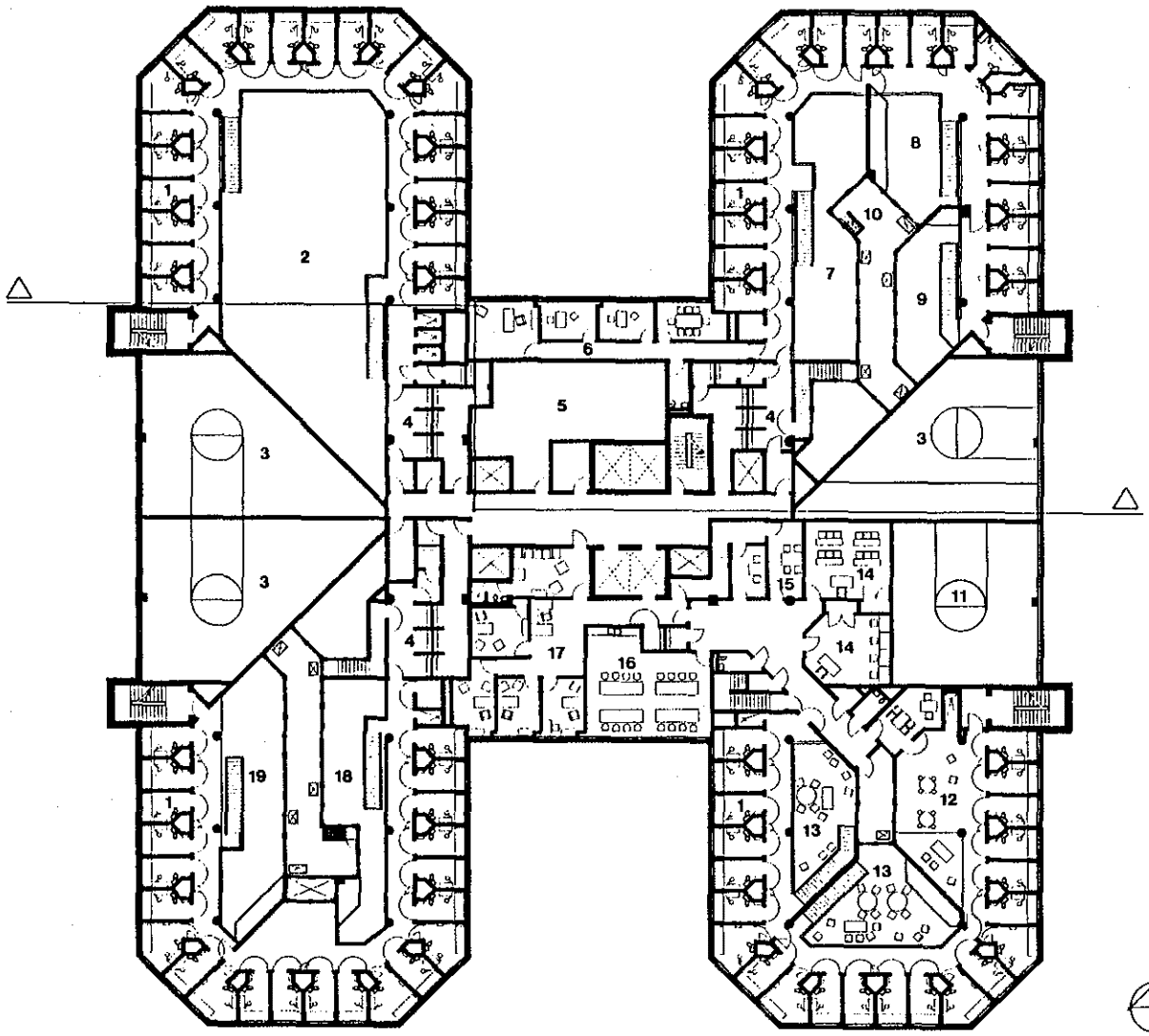
Architect's reported analysis

Factors affecting construction costs

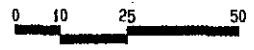
Positive: Simple construction methods, good competition, general contractor involved at early stage
Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Simple construction methods, advanced order of materials, coordination of design
Negative: Government procedures and regulations; complex electronic, mechanical, and electrical systems



- 1 - Cells
- 2 - Upper Dayroom
- 3 - Upper Outdoor Recreation
- 4 - Visitation
- 5 - Storage
- 6 - Classification Offices
- 7 - Upper Classification Dayroom
- 8 - Upper Maximum Security Dayroom
- 9 - Upper Administrative Segregation Dayroom
- 10 - Control Booth
- 11 - Juvenile Upper Outdoor Recreation
- 12 - High Risk Boys
- 13 - Upper Boy's Dayroom
- 14 - Juvenile Classroom
- 15 - Juvenile Visitation
- 16 - Juvenile Arts and Crafts
- 17 - Juvenile Offices
- 18 - Upper Women Dayroom
- 19 - Upper Trustee Dayroom



FOURTH FLOOR PLAN

Carroll County Regional Detention Center

Responsible official: Jailer, Carroll County

Contact: David Miles, Jailer, Carroll County Regional Detention Center, 800 Clay Street, Carrollton, KY 41008, 502-732-9499
Architect: CMW, Inc., 326 South Broadway, Lexington, KY 40508, 606-254-6623
Construction Manager: N/A

Facility type: Regional jail
Jurisdiction type: Federal, State, county
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Suburb
Amount of land: 2 acres

Dimensions

Total GSF: 14,000
Total NSF: Unknown
Corrections GSF: 14,000
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: 6,000
GSF per inmate (design): 167
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 81 (single), 75 (double), 420 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Manual locking, motor driven and remote locking
Floor surface: Lino/sheet vinyl, sealed concrete
Intercom: Two-way to cells and common areas, inmate duress alarm
HVAC: Rooftop heating and cooling units
Plumbing: Stainless steel, stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors for cells and common areas, manual alarm stations
Windows: Special security

Time

Groundbreaking: July 1991
Finish date: June 1992
Construction time: 12 months

Costs

Total: \$2,060,000
Building only: \$1,874,000
Final construction cost: Lower
Housing area: \$820,000
Housing per inmate: \$10,513
Housing per cell: Unknown
Total per inmate: \$24,524
Total per GSF: \$147
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Load-bearing precast panels
Exterior walls: Precast panels, CMU block, brick
Interior walls: CMU block
Exterior surface or facade: Brick, CMU block
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population
Single occupancy: 2
Double occupancy: 32
Dorms: 44

Special population
Single occupancy: 4
Double occupancy: 2
Dorms: 0
Total design: 84
Current population: April 1992: 72

Inmate housing areas

Design: Modular/pod
Cells per unit: 7
Inmates per unit (design): 14
Inmates per unit (current): 14
Management type (design): Intermittent surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: Transfer to another facility
Total officers per unit
Day: 5
Evening: 4
Midnight: 3

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds; local special, time-limited tax levy
Use of inmate labor: None
Use of prefabrication: None

Security

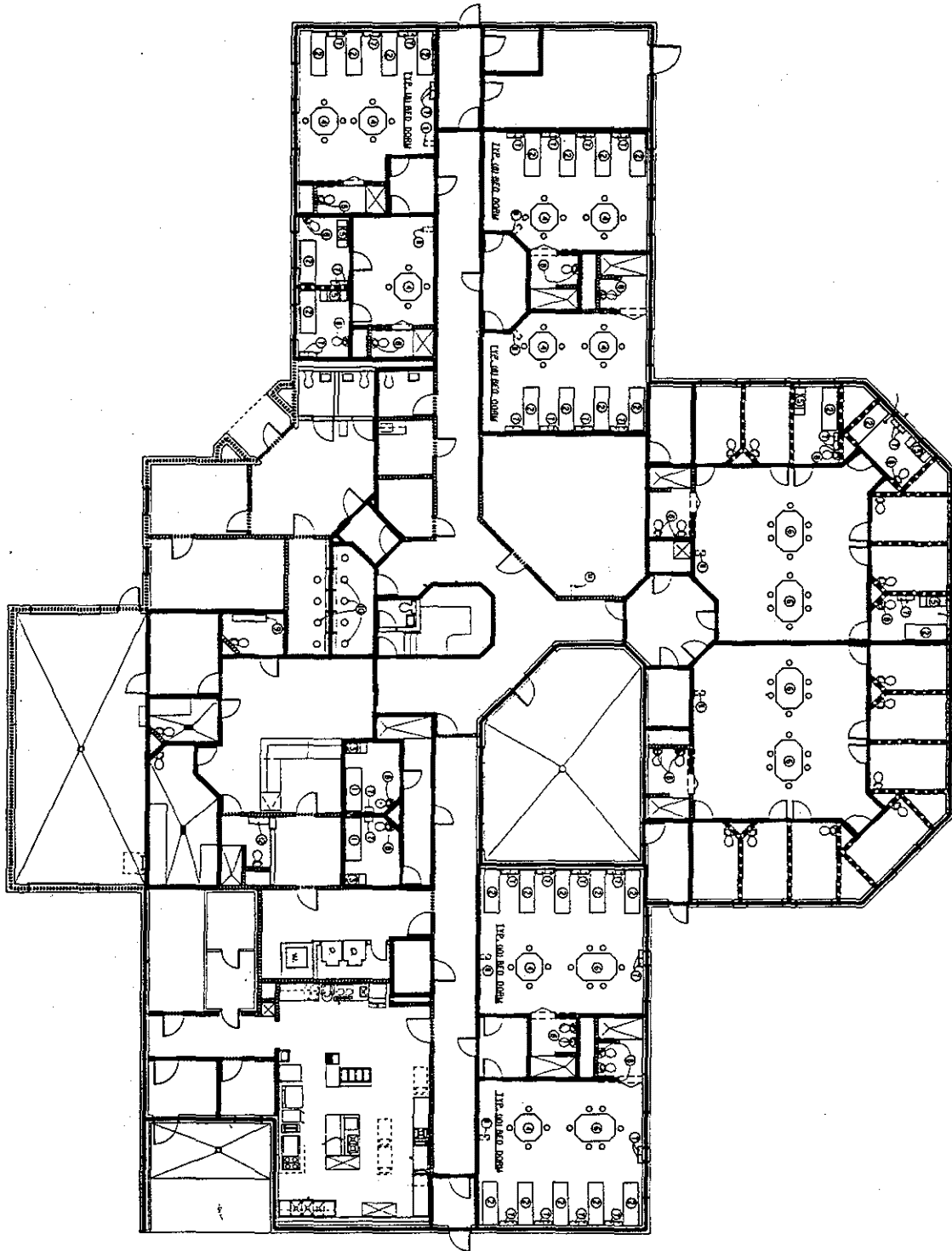
Perimeter: Building exterior only, video camera surveillance; costs included
Inmate security level
Maximum: 38%
Medium: 62%
Minimum: 0

Current staff

Full-time equivalent
Administration: 2
Security: 19
Programs and treatment: 3
Maintenance: 0
Total: 24
Current inmate/staff ratio: Unknown
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, good competition
Negative: N/A
Factors affecting time schedule
Positive: Simple construction methods, coordination of design
Negative: N/A



Eastern Kentucky Correctional Complex

Responsible official: Commissioner, Kentucky Corrections Cabinet

Contact: Michael O'Dea III, Warden, Eastern Kentucky Correctional Complex, P.O. Box 636, West Liberty, KY 41472, 606-743-2800

Architect: Daniel, Mann, Johnson & Mendenhall (DMJM), 300 East 42nd Street, New York, NY 10017, 212-983-2400

Construction Manager: GRW Engineers, Inc., 801 Corporate Drive, Lexington, KY 40503

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Clusters
Complex use: N/A
Facility location: Rural
Amount of land: 193 acres

Dimensions

Total GSF: 560,036
Total NSF: 360,000
Corrections GSF: 560,036
Corrections NSF: 360,000
Housing area GSF: 235,496
Housing area NSF: 158,788
GSF per inmate (design): 261
GSF per inmate (current): 368
NSF per inmate (design): 168
NSF per inmate (current): 237
Size of cells: 80 (double)
Net/gross square feet: 64%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Inmate duress alarm
HVAC: Forced air
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and
sprinklers for cells and common areas
Windows: Slit, special security

Security

Perimeter: Double fence, perimeter patrols
and detection/alarm, razor wire on
fence(s), towers; costs included

Inmate security level

Maximum: 4%
Medium: 92%
Minimum: 4%

Time

Groundbreaking: January 1987
Finish date: February 1991
Construction time: 49 months

Costs

Total: \$62,999,219
Building only: \$61,499,219
Final construction cost: Lower
Housing area: \$31,272,640
Housing per inmate: \$19,743
Housing per cell: \$30,510
Total per inmate: \$38,602
Total per GSF: \$112.49
Total per NSF: \$175.00
Total annual operating costs: \$12,999,000

Construction type

Structural: Steel frame, cast-in-place
concrete frame, load-bearing CMU block
Exterior walls: CMU block, cementitious
exterior system (EIFS) over reinforced
CMU block
Interior walls: Cast-in-place concrete, CMU
block
Exterior surface or facade: Stucco, CMU
block
Electronic technology systems: Lighting
protection, CCTV surveillance, staff
intercommunication, paging and sound
system, duress/fire alarm, door control/
monitoring, card access, custom control
panels, perimeter detection/alarm, satellite/
cable

Inmate design capacity

General population
Single occupancy: 0
Double occupancy: 2,048
Dorms: 48
Special population
Single occupancy: 48
Double occupancy: 0
Dorms: 0
Total design: 2,144
Current population: April 1993: 1,520

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 128
Inmates per unit (design): 128
Inmates per unit (current): Unknown
Management type (design): Remote
surveillance
Management type (current): Intermittent
surveillance
Means to handle crowding: Second bunk
permanently attached
Total officers per unit
Day: 2
Evening: 2
Midnight: 2

Construction process

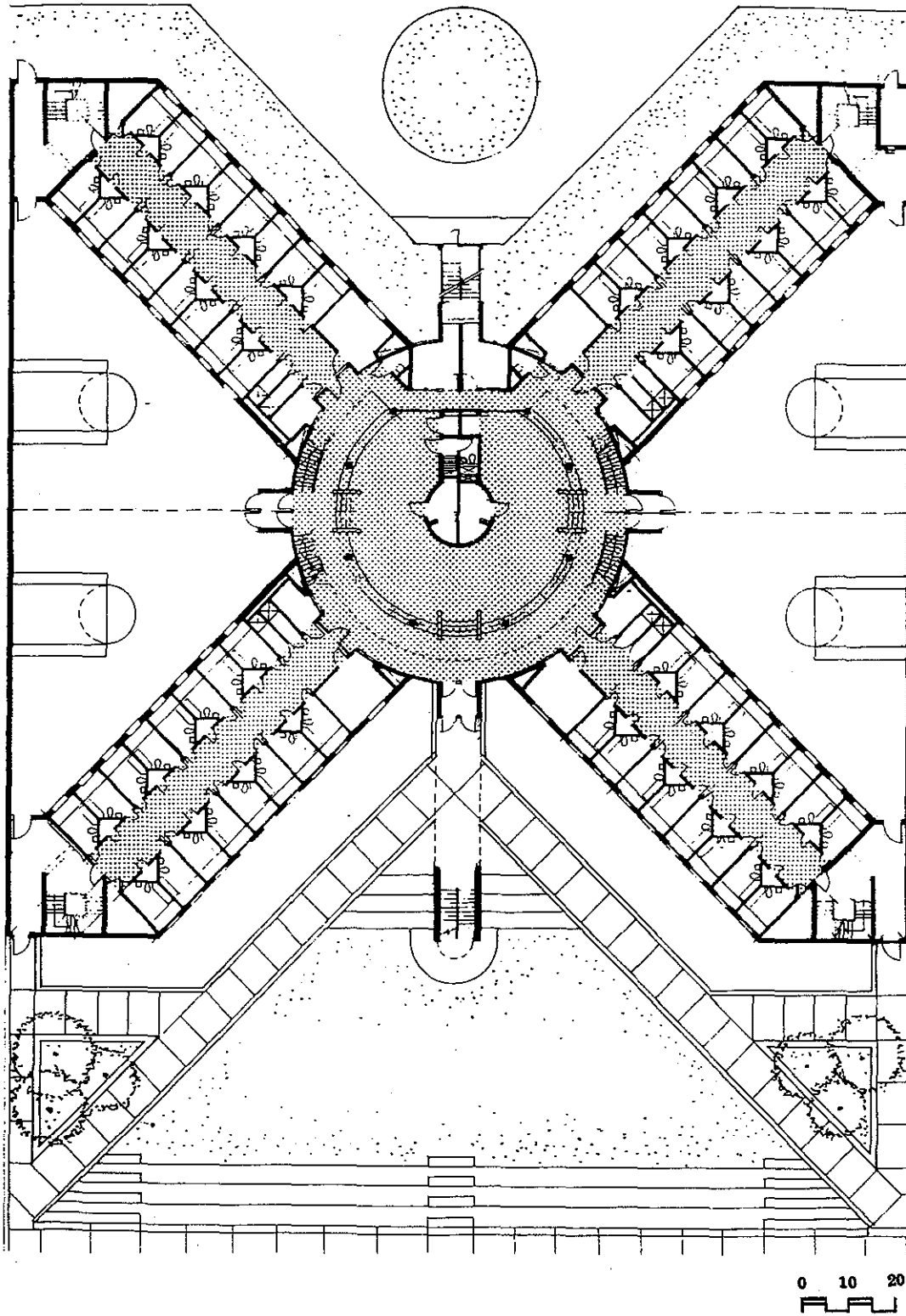
Contract method: Conventional design-bid-
build
Finance method: State general obligation
bonds
Use of inmate labor: None
Use of prefabrication: None

Current staff

Full-time equivalent
Administration: 23
Security: 278
Programs and treatment: 30
Maintenance: 31
Total: 389
Current inmate/staff ratio: 3.9:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, less
expensive materials
Negative: Slow construction and lengthy
building time, difficult site conditions
Factors affecting time schedule
Positive: N/A
Negative: N/A



Federal Correctional Institution—Oakdale I

Responsible official: Director, Federal Bureau of Prisons

Contact: Keith Hall, Warden, Federal Correctional Institution—Oakdale I, P.O. Box 5050, East Whatley Road, Oakdale, LA 71463, 318-335-4070

Architect: Barron, Heinberg & Brocato Architects & Engineers, 1015 Wisteria Street, Alexandria, LA 71301, 318-443-7291

Construction Manager: N/A

Facility type: Federal prison
Jurisdiction type: Federal
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Suburb
Amount of land: 120 acres

Dimensions

Total GSF: 317,266
Total NSF: 235,197
Corrections GSF: 317,266
Corrections NSF: 235,197
Housing area GSF: 184,320
Housing area NSF: 57,037
GSF per inmate (design): 438
GSF per inmate (current): 265
NSF per inmate (design): 324
NSF per inmate (current): 196
Size of cells: 75 (single), 164 (double)
Net/gross square feet: 74%

Inmate cells

Door material(s): Wood
Type(s) of doors: Swinging
Type(s) of locks: Manual locking
Floor surface: Epoxy coating, vinyl tile
Intercom: Two-way to common areas
HVAC: Gas heat, air-conditioning
Plumbing: China
Furniture: Wood
Fire protection: Smoke detectors for common areas, sprinklers for cells and common areas, manual alarm stations, duct smoke detectors within air-handling units, supervised sprinkler system
Windows: Standard and bars

Time

Groundbreaking: August 1984
Finish date: December 1988
Construction time: 52 months

Costs

Total: \$24,059,826
Building only: \$20,821,395
Final construction cost: Same
Housing area: \$12,550,335
Housing per inmate: \$38,263
Housing per cell: \$25,510
Total per inmate: \$33,186
Total per GSF: \$75.83
Total per NSF: \$102.30
Total annual operating costs: \$18,100,000

Construction type

Structural: Steel frame, cast-in-place concrete frame, precast concrete cells
Exterior walls: Precast panels, cast-in-place concrete, CMU block
Interior walls: Precast panels, cast-in-place concrete, CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm

Inmate design capacity

General population

Single occupancy: 328
Double occupancy: 328
Dorms: 0

Special population

Single occupancy: 69
Double occupancy: 0
Dorms: 0

Total design: 725
Current population: April 1993: 1,198

Inmate housing areas

Design: Modular/pod
Cells per unit: 164
Inmates per unit (design): 164
Inmates per unit (current): 225
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Transfer to another facility, bunk beds in cells

Total officers per unit

Day: 2
Evening: 2
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: Federal funds
Use of inmate labor: None
Use of prefabrication: Moderate; precast concrete cells and wall panels, prefabricated steel framing, preengineered trusses

Security

Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on and between fence(s), video camera surveillance, observation mounds for patrol vehicles; costs included
Inmate security level
Maximum: 11%
Medium: 89%
Minimum: 0

Current staff

Full-time equivalent

Administration: 41
Security: 190
Programs and treatment: 50
Maintenance: 24
Total: 305
Current inmate/staff ratio: 3.9:1
Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs

Positive: Prefabricated components, simple construction methods, good competition, less expensive materials
Negative: Difficult site conditions

Factors affecting time schedule

Positive: Prefabricated components, simple construction methods, coordination of design
Negative: Weather problems

(No floorplan available at time of publication)

Federal Detention Center—Oakdale II

Responsible official: Director, Federal Bureau of Prisons

Contact: Bob Guzik, Warden, Federal Detention Center—Oakdale II, P.O. Box 5060, East Whatley Road, Oakdale, LA 71463, 318-335-4466

Architect: Barron, Heinberg & Brocato Architects & Engineers, 1015 Wisteria Street, Alexandria, LA 71301, 318-443-7291

Construction Manager: N/A

Facility type: Federal detention
Jurisdiction type: Federal, INS
Commitment type: Sentenced, INS
Category: New construction (independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Suburb
Amount of land: 120 acres

Dimensions

Total GSF: 255,548
Total NSF: 199,610
Corrections GSF: 255,548
Corrections NSF: 199,610
Housing area GSF: 133,896
Housing area NSF: 43,113
GSF per inmate (design): 446
GSF per inmate (current): 198
NSF per inmate (design): 348
NSF per inmate (current): 155
Size of cells: 75 (single)
Net/gross square feet: 78%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Manual locking
Floor surface: Vinyl tile
Intercom: Two-way to common areas
HVAC: Gas heat
Plumbing: China
Furniture: Wood
Fire protection: Smoke detectors for common areas, sprinklers for cells and common areas, manual alarm stations, duct smoke detectors within air-handling units, sprinkler system
Windows: Standard and bars

Time

Groundbreaking: September 1988
Finish date: September 1991
Construction time: 36 months

Costs

Total: \$23,955,951
Building only: \$22,023,451
Final construction cost: Same
Housing area: \$12,925,000
Housing per inmate: \$25,645
Housing per cell: \$25,645
Total per inmate: \$41,808
Total per GSF: \$93.74
Total per NSF: \$120.01
Total annual operating costs: \$13,582,900

Construction type

Structural: Steel frame, precast concrete cells
Exterior walls: Precast panels, cast-in-place concrete, CMU block
Interior walls: Precast panels, cast-in-place concrete, CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm

Inmate design capacity

General population

Single occupancy: 630
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 69
Double occupancy: 0
Dorms: 0
Total design: 699
Current population: January 1993: 1,289

Inmate housing areas

Design: Modular/pod
Cells per unit: 168
Inmates per unit (design): 168
Inmates per unit (current): 300
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Transfer to another facility, bunk beds in cells
Total officers per unit
Day: 2
Evening: 2
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: Federal funds
Use of inmate labor: None
Use of prefabrication: Moderate; precast concrete cells and wall panels, prefabricated steel framing, millwork, doors, preengineered trusses

Security

Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on and between fence(s), video camera surveillance; costs included
Inmate security level
Maximum: 11%
Medium: 89%
Minimum: 0

Current staff

Full-time equivalent
Administration: 40
Security: 190
Programs and treatment: 50
Maintenance: 25
Total: 305
Current inmate/staff ratio: 4.2:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Prefabricated components, good competition, less expensive materials
Negative: Difficult site conditions

Factors affecting time schedule

Positive: Prefabricated components, simple construction methods, coordination of design
Negative: Weather problems

(No floorplan available at time of publication)

Orleans Parish Prison

Responsible official: Criminal Sheriff, Orleans Parish

Contact: Charles C. Foti, Jr., Criminal Sheriff, Orleans Parish Prison, Perdido Street, New Orleans, LA 70119, 504-822-8000

Architect: L. Dow Oliver & Associates, 3131 Harvard Avenue, Suite 201, Metairie, LA 70006, 504-455-7965

Construction Manager: N/A

Facility type: County and city jail
Jurisdiction type: State, county, city
Commitment type: Pretrial, sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Unknown
Amount of land: Unknown

Dimensions

Total GSF: 53,520
Total NSF: 49,920
Corrections GSF: 53,520
Corrections NSF: 49,920
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 101
GSF per inmate (current): Unknown
NSF per inmate (design): 94
NSF per inmate (current): Unknown
Size of cells: 1,485 (dorm)
Net/gross square feet: 93%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking
Floor surface: Lino/sheet vinyl, sealed concrete
Intercom: Two-way to common areas
HVAC: Air-conditioning forced air
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Smoke detectors for dorms and common areas, manual alarm stations
Windows: Special security

Time

Groundbreaking: December 1988
Finish date: May 1990
Construction time: 17 months

Costs

Total: \$5,400,000
Building only: \$5,200,000
Final construction cost: Unknown
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$10,227
Total per GSF: \$101
Total per NSF: \$108.17
Total annual operating costs: Unknown

Construction type

Structural: Precast concrete frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, custom control panels, satellite/cable

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 528

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 528
Current population: Unknown

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): 22
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Unknown
Means to handle crowding: Unknown
Total officers per unit
Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Conventional design-bid-build
Finance method: State and local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Double fence, razor wire on and between fence(s), video camera surveillance; costs included

Inmate security level

Maximum: 0
Medium: 100%
Minimum: 0

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

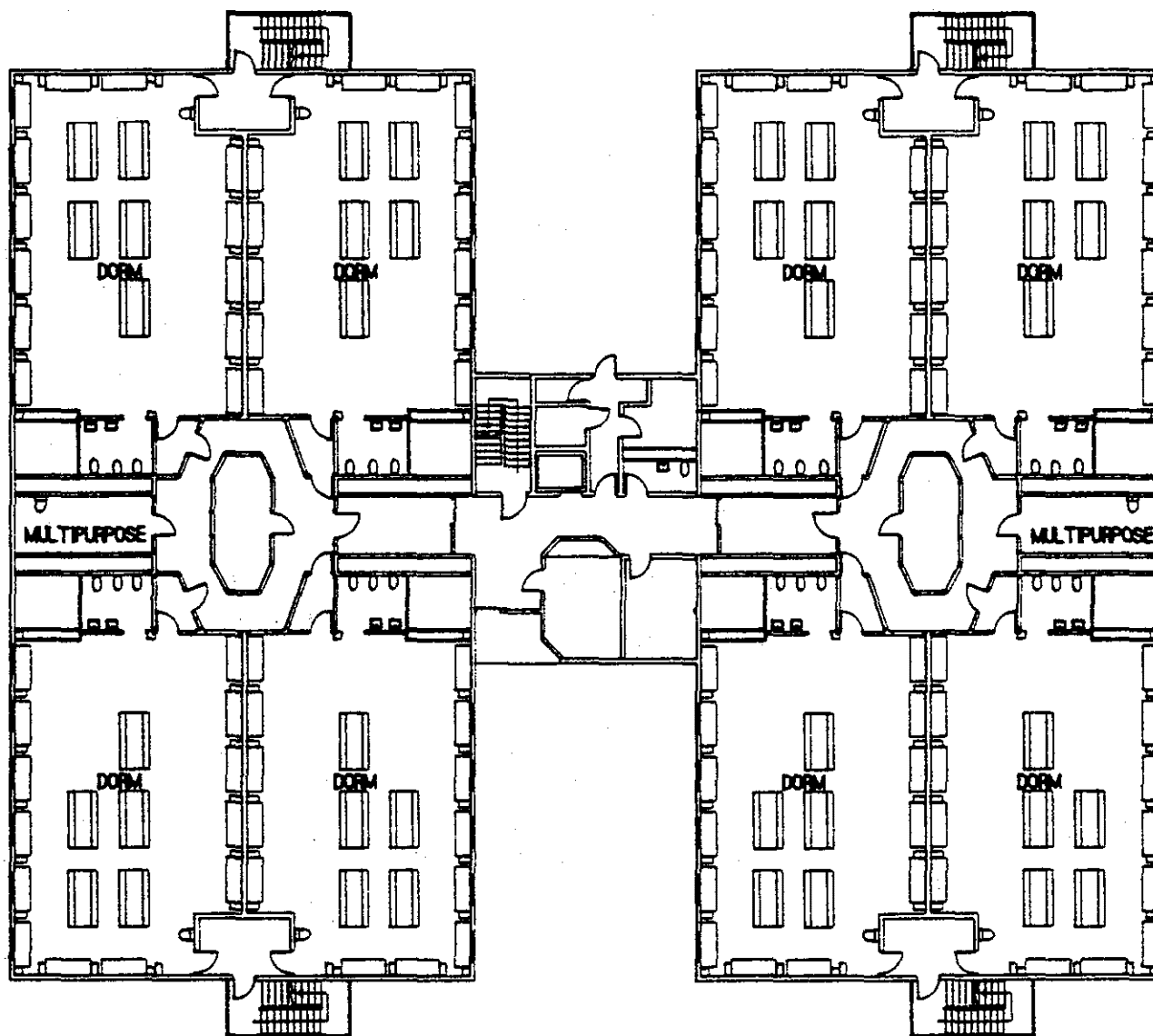
Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods
Negative: N/A

Factors affecting time schedule

Positive: Simple construction methods
Negative: N/A



FIRST FLOOR PLAN

St. Bernard Jail Complex

Responsible official: Sheriff, St. Bernard Parish

Contact: Jack Stephens, Sheriff, St. Bernard Jail Complex, Paris Road and St. Bernard Highway, Chalmette, LA 70043, 504-271-2504

Architect: L. Dow Oliver & Associates, 3131 Harvard Avenue, Suite 201, Metairie, LA 70006, 504-455-7965

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Clusters
Complex use: N/A
Facility location: Unknown
Amount of land: Unknown

Dimensions

Total GSF: Unknown
Total NSF: Unknown
Corrections GSF: Unknown
Corrections NSF: Unknown
Housing area GSF: 35,559
Housing area NSF: 20,765
GSF per inmate (design): Unknown
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 72 (double), 780 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Sliding
Type(s) of locks: Motor driven and remote locking
Floor surface: Lino/sheet vinyl, carpet, sealed concrete
Intercom: Two-way to common areas
HVAC: Air-conditioning, forced air
Plumbing: Stainless steel, stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors for cells and common areas, manual alarm stations
Windows: Slit, standard and bars

Time

Groundbreaking: December 1990
Finish date: May 1992
Construction time: 17 months

Costs

Total: \$5,900,000
Building only: \$5,750,000
Final construction cost: Higher
Housing area: \$4,800,000
Housing per inmate: \$21,428
Housing per cell: \$47,060
Total per inmate: \$20,345
Total per GSF: Unknown
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Load-bearing precast panels, cast-in-place concrete frame
Exterior walls: CMU block, brick
Interior walls: Cast-in-place concrete, CMU block
Exterior surface or facade: Brick, CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, door control/monitoring, custom control panels, satellite/cable

Inmate design capacity

General population
Single occupancy: 0
Double occupancy: 200
Dorms: 24
Special population
Single occupancy: 2
Double occupancy: 24
Dorms: 40
Total design: 290
Current population: Unknown

Inmate housing areas

Design: Modular/pod
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Unknown
Means to handle crowding: Unknown

Total officers per unit

Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Conventional design-bid-build
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Double fence, razor wire on and between fence(s); costs included
Inmate security level
Maximum: 76%
Medium: 10%
Minimum: 14%

Current staff

Full-time equivalent
Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods
Negative: High labor costs, difficult site conditions, weather problems
Factors affecting time schedule
Positive: Simple construction methods
Negative: Weather problems

Tulane Avenue Facility

Responsible official: Criminal Sheriff, Orleans Parish

Contact: Charles C. Foti, Jr., Criminal Sheriff, Tulane Avenue Facility, Tulane Avenue, New Orleans, LA 70119, 504-822-8000

Architect: L. Dow Oliver & Associates, 3131 Harvard Avenue, Suite 201, Metairie, LA 70006, 504-455-7965

Construction Manager: N/A

Facility type: County and city jail
Jurisdiction type: State, county, city
Commitment type: Pretrial, sentenced
Category: New construction (separate but ancillary building), conversion
Building configuration: Integrated structure
Complex use: N/A
Facility location: Unknown
Amount of land: Unknown

Dimensions

Total GSF: Unknown
Total NSF: Unknown
Corrections GSF: Unknown
Corrections NSF: Unknown
Housing area GSF: 30,000
Housing area NSF: 25,200
GSF per inmate (design): Unknown
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 78 (double), 2,400 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Sliding
Type(s) of locks: Motor driven and remote locking
Floor surface: Lino/sheet vinyl
Intercom: Two-way to common areas
HVAC: Air-conditioning, forced air
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Smoke detectors for cells and common areas, manual alarm stations
Windows: Slit, standard and bars

Time

Groundbreaking: December 1990
Finish date: December 1991
Construction time: 12 months

Costs

Total: \$2,900,000
Building only: \$2,700,000
Final construction cost: Unknown
Housing area: \$2,400,000
Housing per inmate: \$6,452
Housing per cell: Unknown
Total per inmate: \$7,796
Total per GSF: Unknown
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Precast concrete frame
Exterior walls: Precast panels
Interior walls: Precast panels, CMU block, plaster security partitions, steel
Exterior surface or facade: Unknown
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, custom control panels, satellite/cable

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 96
Dorms: 276

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 372

Current population: Unknown

Inmate housing areas

Design: Modular/pod
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Unknown
Means to handle crowding: Unknown

Total officers per unit

Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Conventional design-bid-build
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Single fence, razor wire on fence(s), video camera surveillance; costs included

Inmate security level

Maximum: 26%
Medium: 0
Minimum: 74%

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

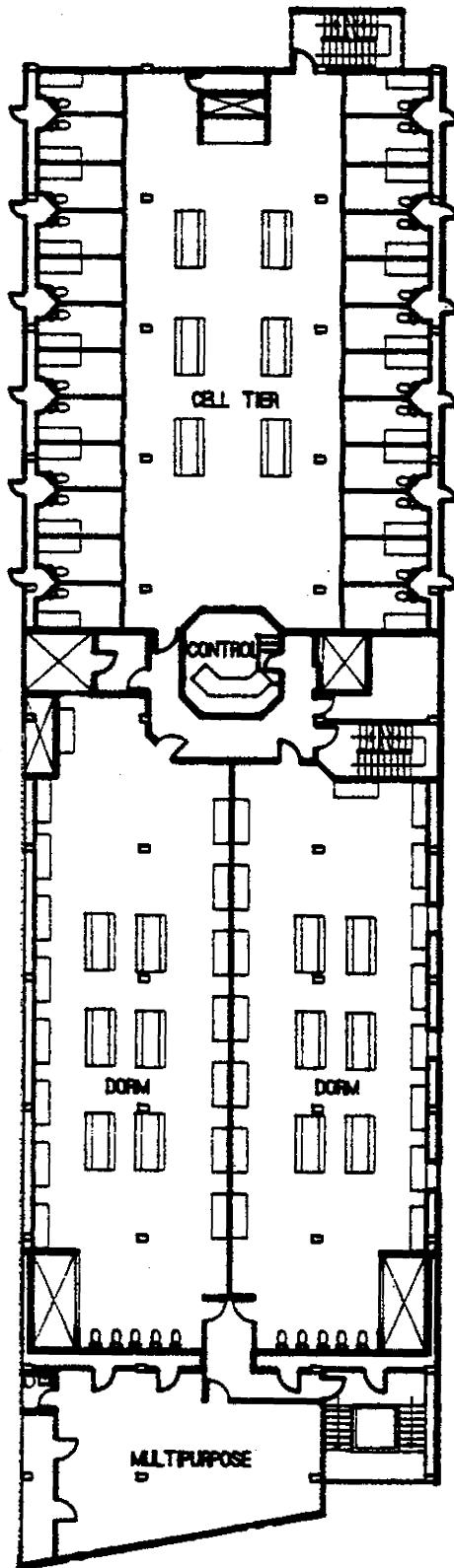
Architect's reported analysis

Factors affecting construction costs

Positive: Good competition
Negative: Difficult site conditions (work inside existing building)

Factors affecting time schedule

Positive: N/A
Negative: Weather problems, adaptation of existing building



SECOND FLOOR PLAN

Androscoggin County Jail

Responsible official: County Commissioner, Androscoggin County

Contact: John R. Lebel, Jail Administrator, Androscoggin County Jail, 40 Pleasant Street, Box 23, Auburn, ME 04210, 207-784-7361

Architect: WBRC Architect, 44 Central Street, Bangor, ME 04401, 207-947-4511

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Urban
Amount of land: Unknown

Dimensions

Total GSF: 69,800
Total NSF: 59,000
Corrections GSF: 69,800
Corrections NSF: 59,000
Housing area GSF: 35,000
Housing area NSF: 29,000
GSF per inmate (design): 572
GSF per inmate (current): 851
NSF per inmate (design): 484
NSF per inmate (current): 720
Size of cells: 70 (single), 140 (double)
Net/gross square feet: 85%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Carpet, epoxy coating, vinyl tile
Intercom: Two-way to cells and common areas
HVAC: Forced air
Plumbing: Stainless steel, stainless steel combination unit
Furniture: Steel
Fire protection: Sprinklers for common areas, smoke and heat sensing units
Windows: Special security

Time

Groundbreaking: Unknown
Finish date: August 1990
Construction time: Unknown

Costs

Total: \$8,900,000
Building only: \$8,000,000
Final construction cost: Lower
Housing area: \$4,600,000
Housing per inmate: \$42,202
Housing per cell: Unknown
Total per inmate: \$72,951
Total per GSF: \$127.51
Total per NSF: \$150.85
Total annual operating costs: \$1,637,841

Construction type

Structural: Cast-in-place concrete frame
Exterior walls: Cast-in-place concrete, CMU block, brick
Interior walls: CMU block
Exterior surface or facade: Brick, CMU block
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm, satellite/cable

Inmate design capacity

General population

Single occupancy: 65
Double occupancy: 30
Dorms: 14

Special population

Single occupancy: 13
Double occupancy: 0
Dorms: 0
Total design: 122
Current population: December 1991: 82

Inmate housing areas

Design: Modular/pod
Cells per unit: 10
Inmates per unit (design): 10
Inmates per unit (current): 10
Management type (design): Intermittent surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: Beds in classrooms
Total officers per unit
Day: 10
Evening: Unknown
Midnight: 8

Construction process

Contract method: Public bid
Finance method: Countywide bond issued
Use of inmate labor: None
Use of prefabrication: Limited

Security

Perimeter: Chainlink fence, concrete walls; costs excluded
Inmate security level
Maximum: 15%
Medium: 55%
Minimum: 30%

Current staff

Full-time equivalent

Administration: 3
Security: 40
Programs and treatment: 2
Maintenance: 3
Total: 48
Current inmate/staff ratio: 1.7:1
Contracted services: Medical

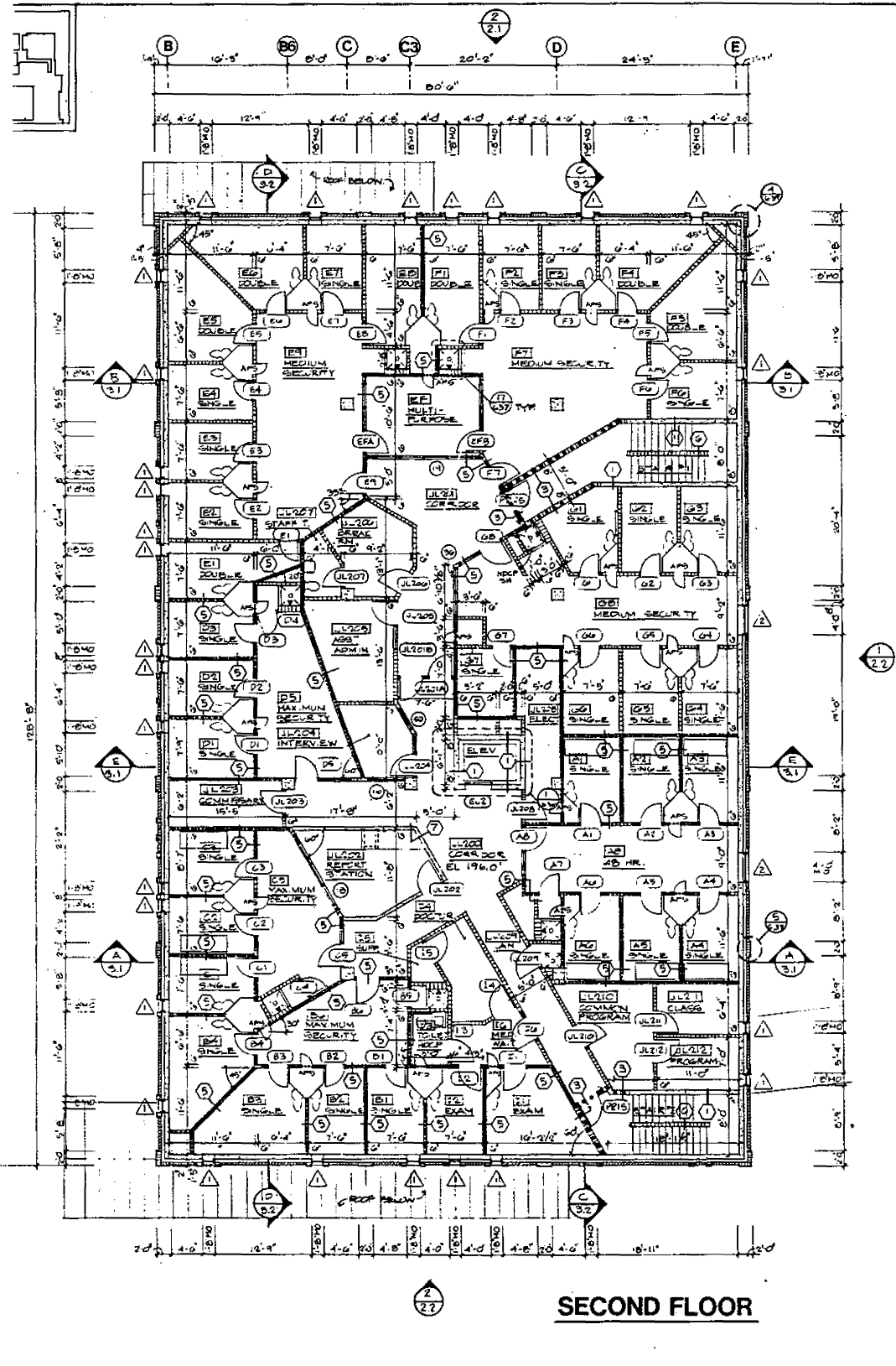
Architect's reported analysis

Factors affecting construction costs

Positive: N/A
Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems; tight urban slope; approved juvenile pod within structure

Factors affecting time schedule

Positive: Phased construction (fast track)
Negative: Phased construction (fast track)



Baltimore Pre-Release Unit for Women

Responsible official: Commissioner, Maryland Division of Corrections

Contact: Barbara Shaw, Facility Administrator, Baltimore Pre-Release Unit for Women, 301 North Calverton Road, Baltimore, MD 21223, 410-566-5747

Architect: May and Holbrook, 901 North Calvert Street, Baltimore, MD 21202, 410-752-1554

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Unknown
Complex use: N/A
Facility location: Urban
Amount of land: 2 acres

Dimensions

Total GSF: 28,234
Total NSF: 16,952
Corrections GSF: 28,234
Corrections NSF: 16,952
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 382
GSF per inmate (current): 392
NSF per inmate (design): 229
NSF per inmate (current): 235
Size of cells: 131 (double)
Net/gross square feet: 60%

Inmate cells

Door material(s): Wood
Type(s) of doors: Swinging
Type(s) of locks: Manual locking
Floor surface: Vinyl tile
Intercom: Unknown
HVAC: Air-conditioning, gas heat
Plumbing: Aluminum
Furniture: Fabric, leather
Fire protection: Sprinklers for cells and common areas
Windows: Standard and screens

Security

Perimeter: Costs excluded
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent
Administration: 5
Security: 22
Programs and treatment: 2
Maintenance: 1
Total: 30
Current inmate/staff ratio: 2.4:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs
Positive: N/A
Negative: N/A
Factors affecting time schedule
Positive: N/A
Negative: N/A

Time

Groundbreaking: January 1990
Finish date: July 1991
Construction time: 17 months

Costs

Total: \$4,021,000
Building only: \$3,866,000
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$54,338
Total per GSF: \$142.42
Total per NSF: \$237.20
Total annual operating costs: \$1,600,000

Construction type

Structural: Unknown
Exterior walls: Unknown
Interior walls: Unknown
Exterior surface or facade: Unknown
Electronic technology systems: Unknown

Inmate design capacity

General population
Single occupancy: 8
Double occupancy: 64
Dorms: 0
Special population
Single occupancy: 2
Double occupancy: 0
Dorms: 0
Total design: 74
Current population: April 1993: 72

Inmate housing areas

Design: Unknown
Cells per unit: 18
Inmates per unit (design): 36
Inmates per unit (current): 36
Management type (design): Unknown
Management type (current): Intermittent surveillance
Means to handle crowding: N/A
Total officers per unit
Day: 7
Evening: 5
Midnight: 5

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

(No floorplan available at time of publication)

Central Laundry Facility

Responsible official: Commissioner, Maryland Division of Corrections

Contact: Marsha Maloff, Warden, Central Laundry Facility, P.O. Box 395, Sykesville, MD 21784, 410-781-4734

Architect: Architectural Technologies, Inc., 8950 Route 108, Suite 218, Columbia, MD 21045, 410-995-4067

Construction Manager: Whiting-Turner Contracting Co., 300 East Joppa Road, Towson, MD 21286, 410-821-1100

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Rural
Amount of land: 2 acres

Dimensions

Total GSF: 27,551
Total NSF: 23,025
Corrections GSF: 27,551
Corrections NSF: 23,025
Housing area GSF: 27,551
Housing area NSF: 23,025
GSF per inmate (design): 108
GSF per inmate (current): Unknown
NSF per inmate (design): 100
NSF per inmate (current): Unknown
Size of cells: 1,437.3 (dorm)
Net/gross square feet: 84%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking, manual locking
Floor surface: Sealed concrete
Intercom: Two-way to cells and common areas
HVAC: Heating/air circulation, steam heat, forced air
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Special security, security screens

Time

Groundbreaking: December 1989
Finish date: June 1990
Construction time: 7 months

Costs

Total: \$3,150,000
Building only: Unknown
Final construction cost: Lower
Housing area: \$3,150,000
Housing per inmate: \$12,305
Housing per cell: \$393,750
Total per inmate: \$12,305
Total per GSF: \$114.33
Total per NSF: \$136.81
Total annual operating costs: Unknown

Construction type

Structural: Steel frame, precast roof panels
Exterior walls: Precast panels, CMU block
Interior walls: Cast-in-place concrete, CMU block, glazed block
Exterior surface or facade: CMU block
Electronic technology systems: Lighting protection, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 256

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 256
Current population: June 1992: 256

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): 32
Inmates per unit (current): 32
Management type (design): Remote surveillance
Management type (current): Direct supervision
Means to handle crowding: Transfer to another facility
Total officers per unit
Day: 1
Evening: 2
Midnight: 2

Construction process

Contract method: Turnkey design-build
Finance method: Private-sector funds
Use of inmate labor: None
Use of prefabrication: Moderate; precast roof panels

Security

Perimeter: Building exterior only, double fence, razor wire on and between fence(s); costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 0
Security: 6
Programs and treatment: 2
Maintenance: 1
Total: 9
Current inmate/staff ratio: 28.4:1
Contracted services: Medical

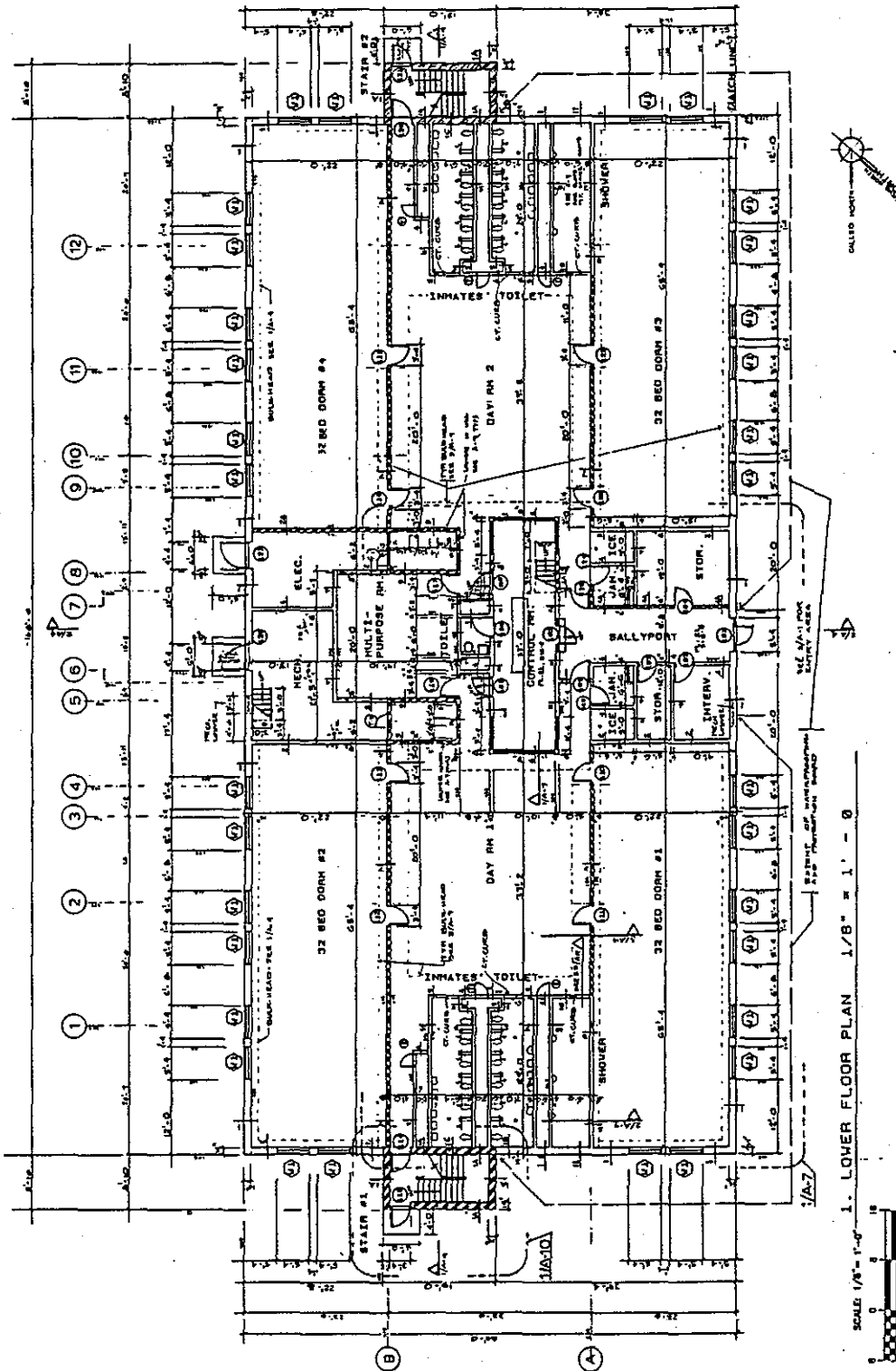
Architect's reported analysis

Factors affecting construction costs

Positive: Prefabricated components, simple construction methods
Negative: High labor costs, difficult site conditions

Factors affecting time schedule

Positive: Prefabricated components, simple construction methods, coordination of design
Negative: Weather problems



Jessup Pre-Release Unit

Responsible official: Commissioner, Maryland Division of Corrections

Contact: Thomas Corcoran, Warden, Jessup Pre-Release Unit, P.O. Box 536, Jessup, MD 20794-0536, 410-799-1363

Architect: Architectural Technologies, Inc., 8950 Route 108, Suite 218, Columbia, MD 21045, 410-995-4067

Construction Manager: Whiting-Turner Contracting Co., 300 East Joppa Road, Towson, MD 21286, 410-821-1100

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Suburb
Amount of land: 5 acres

Dimensions

Total GSF: 48,768
Total NSF: 40,052
Corrections GSF: 48,768
Corrections NSF: 40,052
Housing area GSF: 12,228
Housing area NSF: 10,158
GSF per inmate (design): 116
GSF per inmate (current): 116
NSF per inmate (design): 95
NSF per inmate (current): 95
Size of cells: 3,571 (dorm)
Net/gross square feet: 82%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking, manual locking
Floor surface: Sealed concrete
Intercom: Two-way to cells and common areas
HVAC: Heating/air circulation, forced air
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Special security, security screens

Time

Groundbreaking: March 1990
Finish date: July 1990
Construction time: 5 months

Costs

Total: \$6,300,000
Building only: Unknown
Final construction cost: Lower
Housing area: \$1,400,000
Housing per inmate: \$3,333
Housing per cell: \$233,333
Total per inmate: \$15,000
Total per GSF: \$129.18
Total per NSF: \$157.30
Total annual operating costs: \$7,500,000

Construction type

Structural: Steel frame, preengineered building system
Exterior walls: Preengineered building system
Interior walls: Cast-in-place concrete, CMU block, preengineered building system
Exterior surface or facade: CMU block, glazed block
Electronic technology systems: Lighting protection, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 420

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 420
Current population: December 1992: 420

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): 70
Inmates per unit (current): 70
Management type (design): Remote surveillance
Management type (current): Remote surveillance
Means to handle crowding: N/A
Total officers per unit
Day: 2
Evening: 2
Midnight: 2

Construction process

Contract method: Turnkey design-build
Finance method: Private-sector funds
Use of inmate labor: None
Use of prefabrication: Extensive; preengineered building system

Security

Perimeter: Building exterior only, single fence, razor wire on fence(s); costs included

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 14
Security: 98
Programs and treatment: 3
Maintenance: 5
Total: 120
Current inmate/staff ratio: 3.5:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, phased construction (fast track)
Negative: N/A

Factors affecting time schedule

Positive: Simple construction methods, phased construction (fast track); advanced order of materials; coordination of design
Negative: Weather problems

Montgomery County Detention Center

Responsible official: Director, Montgomery County Department of Correction and Rehabilitation

Contact: Albert Hanulik, Acting Warden, Montgomery County Detention Center, 1307 Seven Locks Road, Rockville, MD 20854, 301-294-1700

Architect: Hellmuth, Obata & Kassabaum, 1110 Vermont Avenue NW., Suite 300, Washington, DC 20005, 202-457-9400

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: Federal, county
Commitment type: Pretrial, sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Suburb
Amount of land: Unknown

Dimensions

Total GSF: 46,000
Total NSF: Unknown
Corrections GSF: 46,000
Corrections NSF: Unknown
Housing area GSF: 43,000
Housing area NSF: 23,650
GSF per inmate (design): 351
GSF per inmate (current): 176
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 90 (single)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking
Floor surface: Sealed concrete
Intercom: Two-way to common areas
HVAC: Steam heat
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors for common areas, sprinklers for cells and common areas
Windows: Special security

Time

Groundbreaking: April 1984
Finish date: July 1986
Construction time: 26 months

Costs

Total: \$5,878,000
Building only: \$5,278,000
Final construction cost: Higher
Housing area: \$5,278,000
Housing per inmate: \$43,983
Housing per cell: \$43,983
Total per inmate: \$44,870
Total per GSF: \$127.78
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Cast-in-place concrete frame
Exterior walls: Precast panels
Interior walls: CMU block
Exterior surface or facade: Textured concrete
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm

Inmate design capacity

General population

Single occupancy: 120
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 11
Double occupancy: 0
Dorms: 0
Total design: 131
Current population: April 1993: 262

Inmate housing areas

Design: Modular/pod
Cells per unit: 14
Inmates per unit (design): 14
Inmates per unit (current): 28
Management type (design): Remote surveillance
Management type (current): Remote surveillance
Means to handle crowding: Second bunk permanently attached
Total officers per unit
Day: 2
Evening: 2
Midnight: 2

Construction process

Contract method: Conventional design-bid-build
Finance method: State and local general obligation bonds, cost shared by local jurisdictions
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only, single fence, perimeter detection/alarm; costs excluded

Inmate security level

Maximum: 0
Medium: 100%
Minimum: 0

Current staff

Full-time equivalent

Administration: 3
Security: 38
Programs and treatment: 2
Maintenance: 0
Total: 43
Current inmate/staff ratio: 6.1:1
Contracted services: Medical, commissary

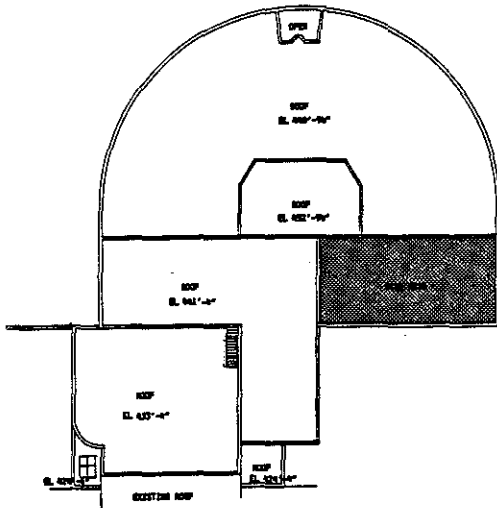
Architect's reported analysis

Factors affecting construction costs

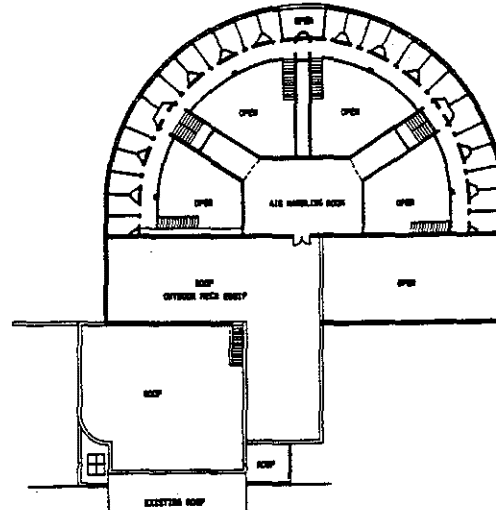
Positive: Simple construction methods
Negative: Difficult site conditions

Factors affecting time schedule

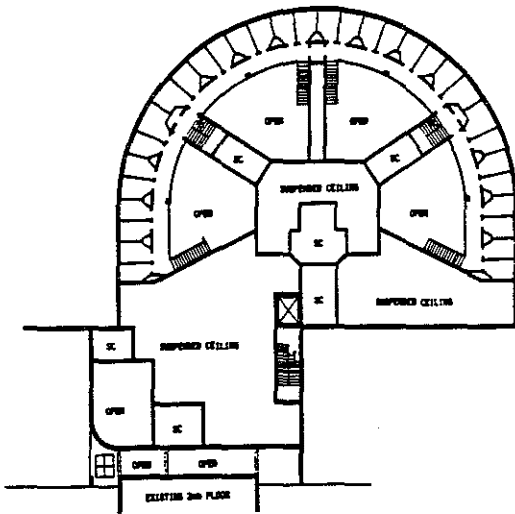
Positive: Simple construction methods
Negative: Site conditions



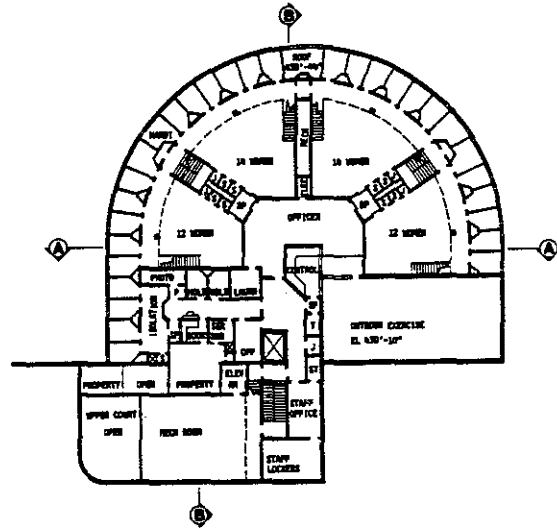
ROOF PLAN



SECOND MEZZANINE PLAN



FIRST MEZZANINE PLAN



SECOND FLOOR PLAN

Montgomery County Detention Center

Responsible official: Director, Montgomery County Department of Correction and Rehabilitation

Contact: Albert Hanulik, Acting Warden, Montgomery County Detention Center, 1307 Seven Locks Road, Rockville, MD 20854, 301-294-1700

Architect: James A. Lichty, 9948 West 87, Overland Park, KS 66206, 913-341-2356

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: Expansion
Building configuration: Ladder, telephone pole
Complex use: N/A
Facility location: Suburb
Amount of land: Unknown

Dimensions
Total GSF: 39,043
Total NSF: 33,427
Corrections GSF: 39,043
Corrections NSF: 33,427
Housing area GSF: 39,043
Housing area NSF: 33,427
GSF per inmate (design): 118
GSF per inmate (current): 145
NSF per inmate (design): 101
NSF per inmate (current): 124
Size of cells: 80 (single), 160 (double)
Net/gross square feet: 86%

Inmate cells
Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking
Floor surface: Carpet, sealed concrete
Intercom: Two-way to common areas
HVAC: Forced air
Plumbing: Stainless steel, china
Furniture: Wood, vinyl/plastic
Fire protection: Smoke detectors for common areas, sprinklers for cells and common areas, manual alarm stations
Windows: Special security

Time
Groundbreaking: October 1989
Finish date: July 1990
Construction time: 7 months

Costs
Total: \$6,700,000
Building only: \$6,600,000
Final construction cost: Higher
Housing area: \$6,600,000
Housing per inmate: \$22,000
Housing per cell: \$44,000
Total per inmate: \$20,303
Total per GSF: \$171.61
Total per NSF: \$200.44
Total annual operating costs: Unknown

Construction type
Structural: Precast concrete cells
Exterior walls: Precast panels
Interior walls: Precast panels
Exterior surface or facade: Stucco, textured concrete
Electronic technology systems: CCTV surveillance, paging and sound system, door control/monitoring

Inmate design capacity
General population
Single occupancy: 0
Double occupancy: 300
Dorms: 0
Special population
Single occupancy: 22
Double occupancy: 8
Dorms: 0
Total design: 330
Current population: February 1993: 270

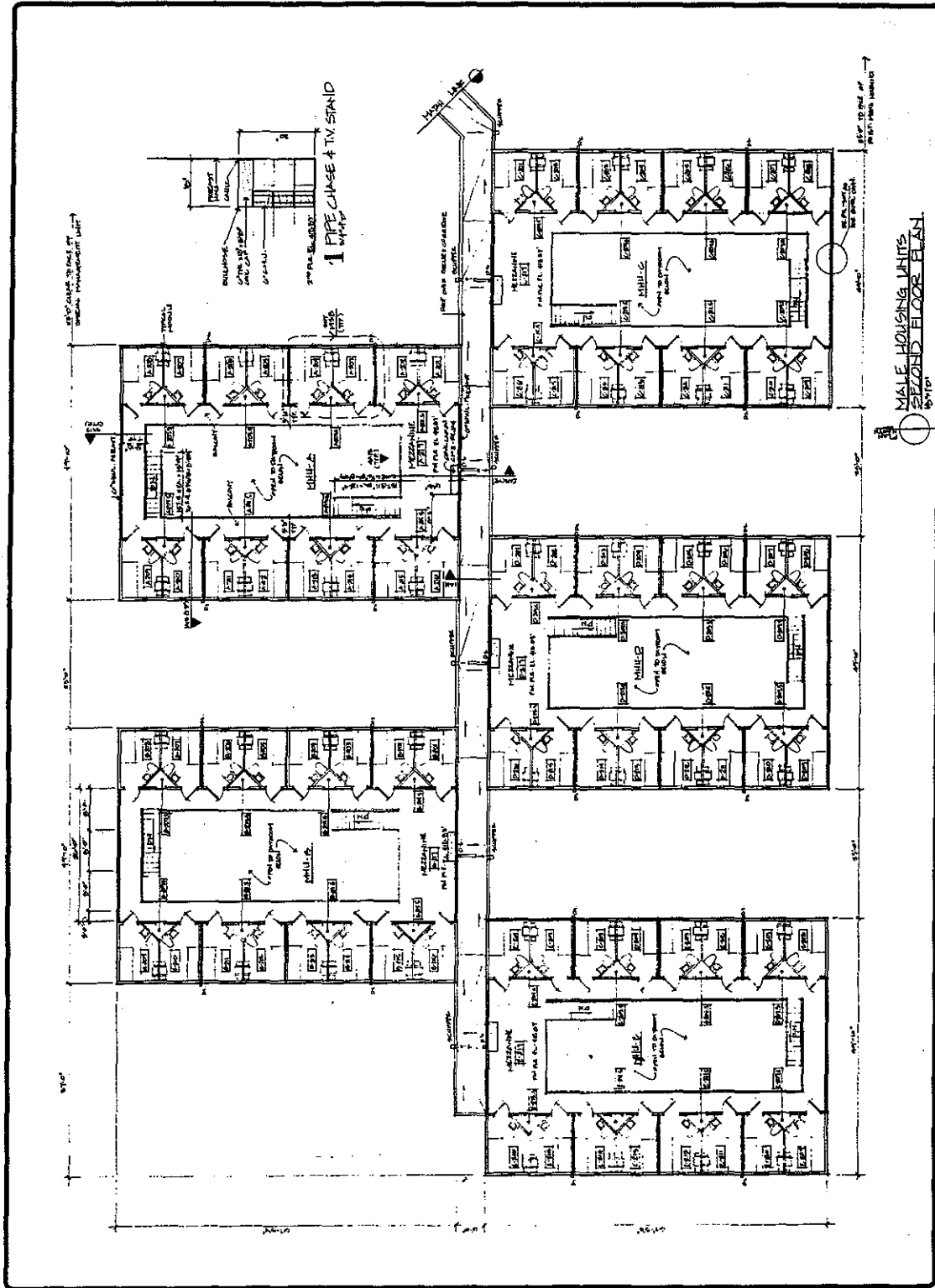
Security
Perimeter: Building exterior only, single fence, perimeter detection/alarm; costs excluded
Inmate security level
Maximum: 0
Medium: 100%
Minimum: 0

Inmate housing areas
Design: Modular/pod
Cells per unit: 30
Inmates per unit (design): 60
Inmates per unit (current): 60
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Second bunk permanently attached
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Current staff
Full-time equivalent
Administration: 0
Security: 42
Programs and treatment: 8
Maintenance: 0
Total: 50
Current inmate/staff ratio: 5.4:1
Contracted services: Medical, commissary

Construction process
Contract method: Turnkey design-build
Finance method: State and local general obligation bonds
Use of inmate labor: None
Use of prefabrication: Extensive; precast panels

Architect's reported analysis
Factors affecting construction costs
Positive: Prefabricated components
Negative: N/A
Factors affecting time schedule
Positive: Prefabricated components, phased construction (fast track)
Negative: N/A



Patuxent Institution

Responsible official: Secretary, Department of Public Safety and Correctional Services

Contact: Archie Gee, Warden, Patuxent Institution, P.O. Box 7000, Jessup, MD 20794, 410-799-3400

Architect: Architectural Technologies, Inc., 8950 Route 108, Suite 218, Columbia, MD 21045, 410-995-4067

Construction Manager: Whiting-Turner Contracting Co., 300 East Joppa Road, Towson, MD 21204, 410-821-1100

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Suburb
Amount of land: Unknown

Dimensions

Total GSF: 13,785
Total NSF: 11,330
Corrections GSF: 13,785
Corrections NSF: 11,330
Housing area GSF: 13,785
Housing area NSF: 11,330
GSF per inmate (design): 108
GSF per inmate (current): 108
NSF per inmate (design): 89
NSF per inmate (current): 89
Size of cells: 1,676 (dorm)
Net/gross square feet: 82%

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 124

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 4

Total design: 128

Current population: January 1993: 128

Inmate housing areas

Design: Modular/pod
Cells per unit: 1
Inmates per unit (design): 32
Inmates per unit (current): 32
Management type (design): Remote surveillance
Management type (current): Unknown
Means to handle crowding: Unknown
Total officers per unit
Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Turnkey design-build
Finance method: State funded
Use of inmate labor: None
Use of prefabrication: Moderate

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking
Floor surface: Sealed concrete
Intercom: Two-way to cells and common areas
HVAC: Heating/air circulation, steam heat, forced air
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for dorms and common areas, manual alarm stations
Windows: Special security and screens

Security

Perimeter: Building exterior only, double fence, razor wire on and between fence(s); costs included
Inmate security level
Maximum: 100%
Medium: 0
Minimum: 0

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Prefabricated components, simple construction methods
Negative: High labor costs

Factors affecting time schedule

Positive: Prefabricated components, simple construction methods, coordination of design
Negative: Weather problems

Time

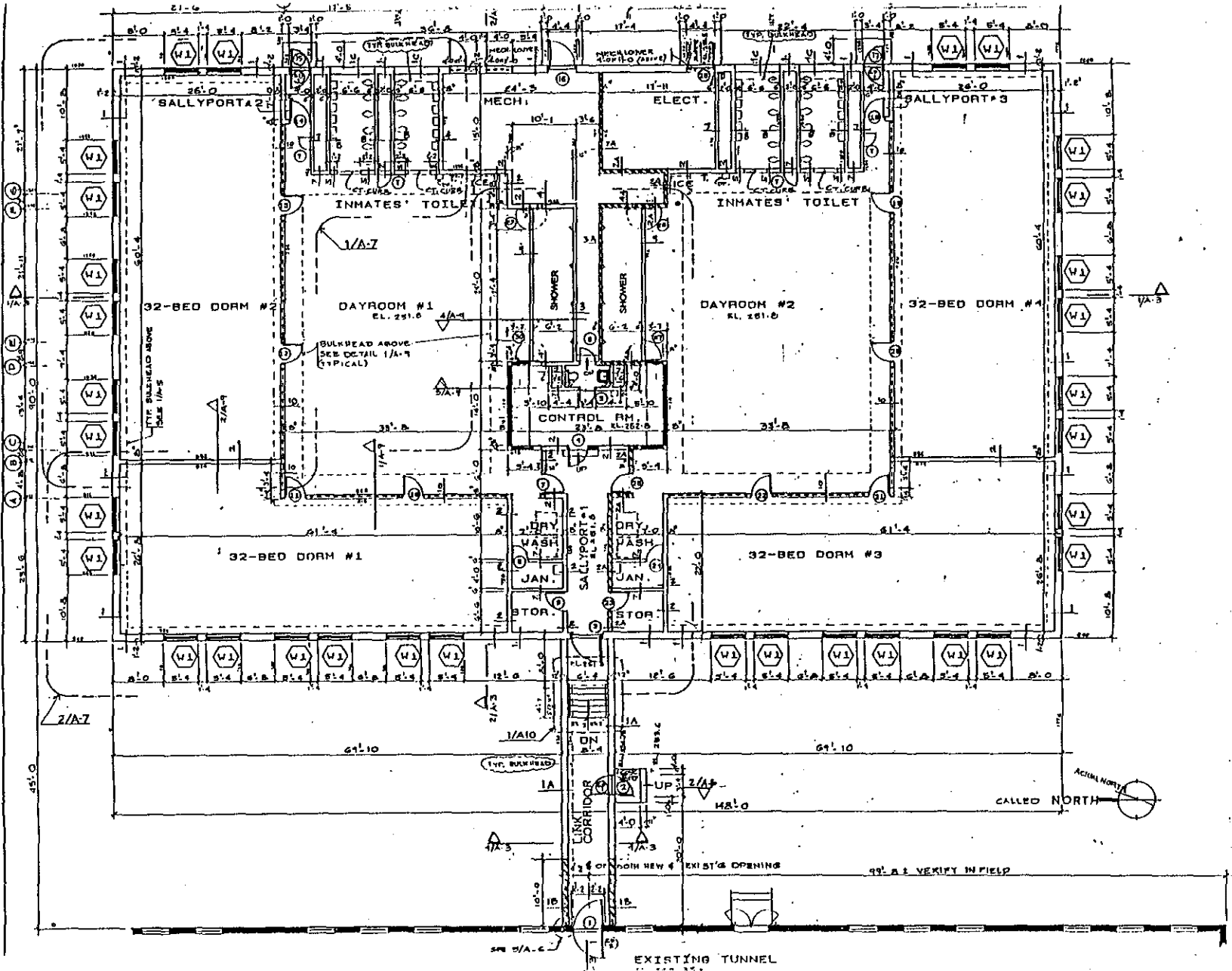
Groundbreaking: December 1989
Finish date: June 1990
Construction time: 6 months

Costs

Total: \$1,300,000
Building only: \$1,300,000
Final construction cost: Lower
Housing area: \$1,300,000
Housing per inmate: \$10,156
Housing per cell: \$325,000
Total per inmate: \$10,156
Total per GSF: \$94.31
Total per NSF: \$114.74
Total annual operating costs: Unknown

Construction type

Structural: Steel frame, precast roof panels
Exterior walls: CMU block, cavity wall system
Interior walls: Cast-in-place concrete, CMU block, glazed block
Exterior surface or facade: CMU block
Electronic technology systems: Lighting protection, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels



Norfolk County Sheriff's Office and Correctional Center

Responsible official: Sheriff, Norfolk County

Contact: Clifford H. Marshall, Sheriff, Norfolk County Sheriff's Office and Correctional Center, 200 West Street, Dedham, MA 02026, 617-329-6730

Architect: The Architect's Collaborative, 46 Brattle Street, Cambridge, MA 02146, 617-868-4200

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: State, county
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Suburb
Amount of land: 8 acres

Dimensions

Total GSF: 144,000
Total NSF: Unknown
Corrections GSF: 144,000
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 365
GSF per inmate (current): 409
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 70 (single), 120 (double and dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and manual locking
Floor surface: Lino/sheet vinyl, carpet, vinyl tile
Intercom: Two-way to cells and common areas, inmate duress alarm
HVAC: Gas heat
Plumbing: Stainless steel, china
Furniture: Wood, vinyl
Fire protection: Smoke detectors for common areas, sprinklers for cells and common areas, manual alarm stations
Windows: Security with horizontal steel tubes

Time

Groundbreaking: July 1989
Finish date: October 1991
Construction time: 27 months

Costs

Total: \$32,000,000
Building only: \$27,800,000
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$81,218
Total per GSF: \$222.22
Total per NSF: Unknown
Total annual operating costs: \$15,200,000

Construction type

Structural: Cast-in-place concrete frame
Exterior walls: Precast panels, cast-in-place concrete, brick
Interior walls: CMU block, brick
Exterior surface or facade: Brick, CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, perimeter detection/alarm, satellite/cable

Inmate design capacity

General population

Single occupancy: 212
Double occupancy: 96
Dorms: 62

Special population

Single occupancy: 23
Double occupancy: 1
Dorms: 0
Total design: 394
Current population: January 1993: 352

Inmate housing areas

Design: Modular/pod
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Second bunk permanently attached
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: Moderate; precast concrete exterior panels

Security

Perimeter: Single fence, perimeter patrols and detection/alarm; costs included
Inmate security level
Maximum: 70%
Medium: 20%
Minimum: 10%

Current staff

Full-time equivalent

Administration: 19
Security: 123
Programs and treatment: 56
Maintenance: 29
Total: 227
Current inmate/staff ratio: 1.6:1
Contracted services: Unknown

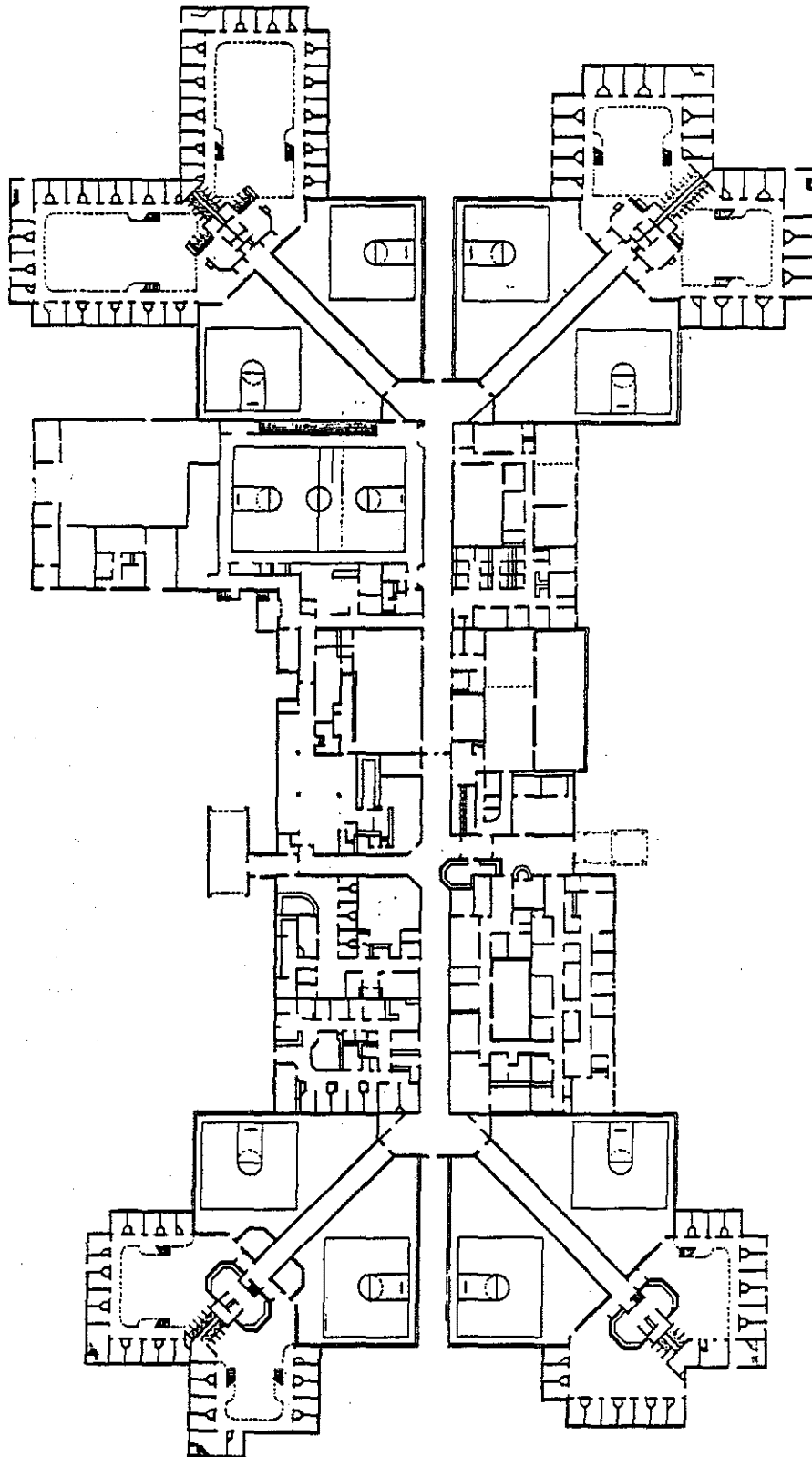
Architect's reported analysis

Factors affecting construction costs

Positive: Phased construction (fast track), good competition, less expensive materials
Negative: Coordination between agencies

Factors affecting time schedule

Positive: Simple construction methods, phased construction (fast track); advanced order of materials; coordination of design
Negative: Coordination between agencies



Ionia Maximum Correctional Facility

Responsible official: Director, Michigan Department of Corrections

Contact: Raymond Toombs, Warden, Ionia Maximum Correctional Facility, 1576 West Bluewater Highway, Ionia, MI 48846, 616-527-6331

Architect: R.C. Byce & Associates, 487 Portage Street, Kalamazoo, MI 49007, 616-381-6170

Construction Manager: Clark Construction Company, 3225 West St. Joseph Street, Lansing, MI 48917, 517-372-0940

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 79 acres

Dimensions

Total GSF: 263,381
Total NSF: Unknown
Corrections GSF: 263,381
Corrections NSF: Unknown
Housing area GSF: 125,000
Housing area NSF: Unknown
GSF per inmate (design): 395
GSF per inmate (current): 450
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 80 (single), 228 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Sliding
Type(s) of locks: Motor driven and remote locking
Floor surface: Terrazo
Intercom: One-way to cells, inmate duress alarm
HVAC: Heating/air circulation, hot water
Plumbing: Stainless steel combination unit
Furniture: Steel, concrete
Fire protection: Smoke detectors and sprinklers for cells and common areas
Windows: Special security

Time

Groundbreaking: June 1985
Finish date: May 1987
Construction time: 20 months

Costs

Total: \$34,000,000
Building only: Unknown
Final construction cost: Same
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$51,051
Total per GSF: \$129.09
Total per NSF: Unknown
Total annual operating costs: \$18,410,663

Construction type

Structural: Load-bearing masonry
Exterior walls: Brick
Interior walls: Precast panels, cast-in-place concrete, CMU block, brick
Exterior surface or facade: Brick
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm, satellite/cable

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 240

Special population

Single occupancy: 426
Double occupancy: 0
Dorms: 0
Total design: 666
Current population: April 1993: 585

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 80
Inmates per unit (design): 80
Inmates per unit (current): 75
Management type (design): Intermittent surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: Bunk beds in cells

Total officers per unit

Day: 6
Evening: 6
Midnight: 3

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: State general funds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on and between fence(s), towers, video camera surveillance; costs excluded

Inmate security level

Maximum: 60%
Medium: 40%
Minimum: 0

Current staff

Full-time equivalent

Administration: 36
Security: 277
Programs and treatment: 38
Maintenance: 9
Total: 360
Current inmate/staff ratio: 1.6:1
Contracted services: Pest control, garbage

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good construction management
Negative: Complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Simple construction methods, phased construction (fast track); coordination of design
Negative: Complex electronic, mechanical, and electrical systems

Macomb County Jail

Responsible official: Sheriff, Macomb County

Contact: Dr. Donald J. Amboyer, Jail Administrator, Macomb County Jail, 43565 Elizabeth Road, Mt. Clemens, MI 48043, 313-469-5024

Architect: Hellmuth, Obata & Kassabaum, Inc., 1831 Chestnut Street, St. Louis, MO 63103, 314-421-2000;

Wakey Associates, 30500 VanDyke Avenue, Suite M-7, Warren, MI 48093, 313-573-4100

Construction Manager: N/A

Facility type: County jail

Jurisdiction type: Federal, State, county

Commitment type: Pretrial, sentenced

Category: Remodel/renovation, expansion

Building configuration: Highrise

Complex use: N/A

Facility location: Suburb

Amount of land: Unknown

Dimensions

Total GSF: 202,042

Total NSF: Unknown

Corrections GSF: 202,042

Corrections NSF: Unknown

Housing area GSF: 167,700

Housing area NSF: Unknown

GSF per inmate (design): 225

GSF per inmate (current): 228

NSF per inmate (design): Unknown

NSF per inmate (current): Unknown

Size of cells: 75 (single)

Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel

Type(s) of doors: Swinging

Type(s) of locks: Remote and manual locking

Floor surface: Carpet, epoxy coating, sealed concrete

Intercom: Two-way to cells, two-way to common areas

HVAC: Gas heat

Plumbing: Stainless steel combination unit

Furniture: Steel, vinyl/plastic

Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations

Windows: Special security

Time

Groundbreaking: October 1984

Finish date: June 1987

Construction time: 32 months

Costs

Total: \$27,000,000

Building only: Unknown

Final construction cost: Unknown

Housing area: \$22,400,000

Housing per inmate: \$25,926

Housing per cell: Unknown

Total per inmate: \$30,033

Total per GSF: \$133.64

Total per NSF: Unknown

Total annual operating costs: \$16,400,000

Construction type

Structural: Cast-in-place concrete frame

Exterior walls: Brick

Interior walls: Clay-faced tile

Exterior surface or facade: Brick

Electronic technology systems: CCTV surveillance, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population

Single occupancy: 216

Double occupancy: 648

Dorms: 0

Special population

Single occupancy: 35

Double occupancy: 0

Dorms: 0

Total design: 899

Current population: February 1993: 885

Inmate housing areas

Design: Modular/pod

Cells per unit: 18

Inmates per unit (design): 36

Inmates per unit (current): 36

Management type (design): Remote surveillance

Management type (current): Intermittent and remote surveillance, direct supervision

Means to handle crowding: Mattresses on floor, second bunk permanently attached

Total officers per unit

Day: Unknown

Evening: Unknown

Midnight: Unknown

Construction process

Contract method: Conventional design-bid-build

Finance method: Local general obligation bonds

Use of inmate labor: None

Use of prefabrication: None

Security

Perimeter: Video camera surveillance; costs excluded

Inmate security level

Maximum: 25%

Medium: 50%

Minimum: 25%

Current staff

Full-time equivalent

Administration: 4

Security: 167

Programs and treatment: 65

Maintenance: 4

Total: 240

Current inmate/staff ratio: 3.7:1

Contracted services: Medical, food

Architect's reported analysis

Factors affecting construction costs

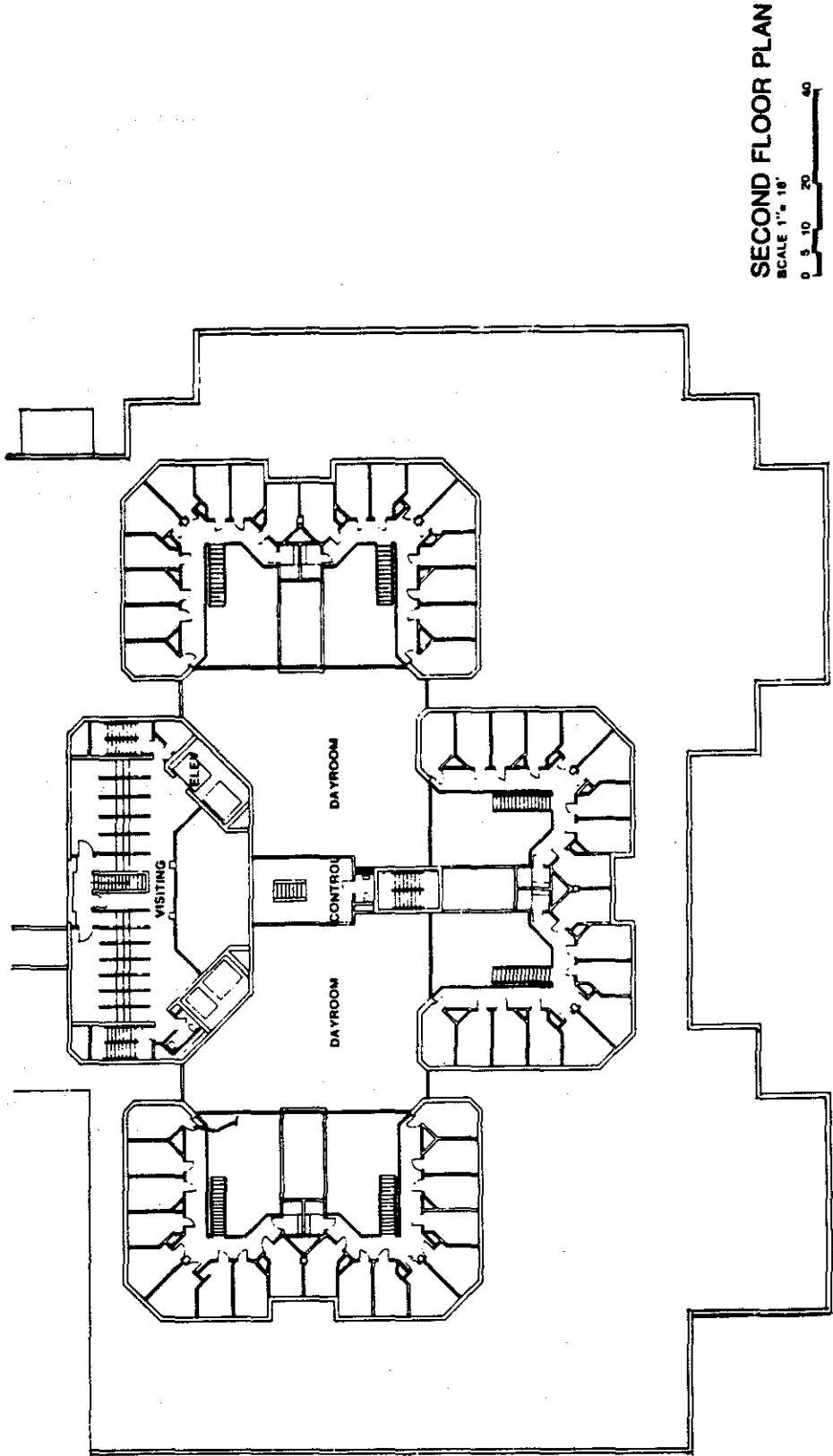
Positive: Simple construction methods

Negative: N/A

Factors affecting time schedule

Positive: Simple construction methods

Negative: Weather problems



SECOND FLOOR PLAN
SCALE 1" = 10'
0 5 10 20 40

Sergeant William Dickerson Detention Facility

Responsible official: Director, Wayne County

Contact: Peter Wilson, Sergeant William Dickerson Detention Facility, 3502 Hamtramck Drive, Hamtramck, MI 48211, 313-875-7006

Architect: Hellmuth, Obata & Kassabaum, Inc., 1831 Chestnut Street, St. Louis, MO 63103, 314-421-2000

Construction Manager: Barton-Malow, 27777 Franklin Road, Southfield, MI 48034, 313-351-4500

Facility type: County jail
Jurisdiction type: County
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Clusters
Complex use: N/A
Facility location: Urban
Amount of land: 16 acres

Dimensions

Total GSF: 518,635
Total NSF: 302,306
Corrections GSF: 518,635
Corrections NSF: 302,306
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 585
GSF per inmate (current): 960
NSF per inmate (design): 341
NSF per inmate (current): 560
Size of cells: 70.5 (single), 235 (dorm)
Net/gross square feet: 50%

Inmate cells

Door material(s): Wood
Type(s) of doors: Swinging
Type(s) of locks: Manual locking
Floor surface: Lino/sheet vinyl, carpet, sealed concrete
Intercom: Two-way to common areas, inmate duress alarm
HVAC: Gas heat, forced air
Plumbing: China, stainless steel combination unit
Furniture: Steel, wood, vinyl/plastic
Fire protection: Smoke detectors for common areas, manual alarm stations
Windows: Special security

Time

Groundbreaking: October 1989
Finish date: September 1991
Construction time: 23 months

Costs

Total: \$54,975,000
Building only: \$52,975,000
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$62,048
Total per GSF: \$106
Total per NSF: \$181.85
Total annual operating costs: Unknown

Construction type

Structural: Precast concrete frame, load-bearing exterior masonry
Exterior walls: Brick, precast lintels
Interior walls: Cast-in-place concrete, CMU block
Exterior surface or facade: Brick
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, satellite/cable

Inmate design capacity

General population

Single occupancy: 480
Double occupancy: 0
Dorms: 360

Special population

Single occupancy: 46
Double occupancy: 0
Dorms: 0
Total design: 886
Current population: April 1993: 540

Inmate housing areas

Design: Modular/pod
Cells per unit: 60
Inmates per unit (design): 60
Inmates per unit (current): 60
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Transfer to another facility
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Turnkey design-build
Finance method: Local special, time-limited tax levy
Use of inmate labor: None
Use of prefabrication: Moderate; prefabricated concrete columns, hollow-core planks, and lintels

Security

Perimeter: Building exterior only, single fence, video camera surveillance; costs included

Inmate security level

Maximum: 5%
Medium: 27%
Minimum: 68%

Current staff

Full-time equivalent

Administration: 15
Security: 125
Programs and treatment: 9
Maintenance: 4
Total: 153
Current inmate/staff ratio: 3.5:1
Contracted services: Unknown

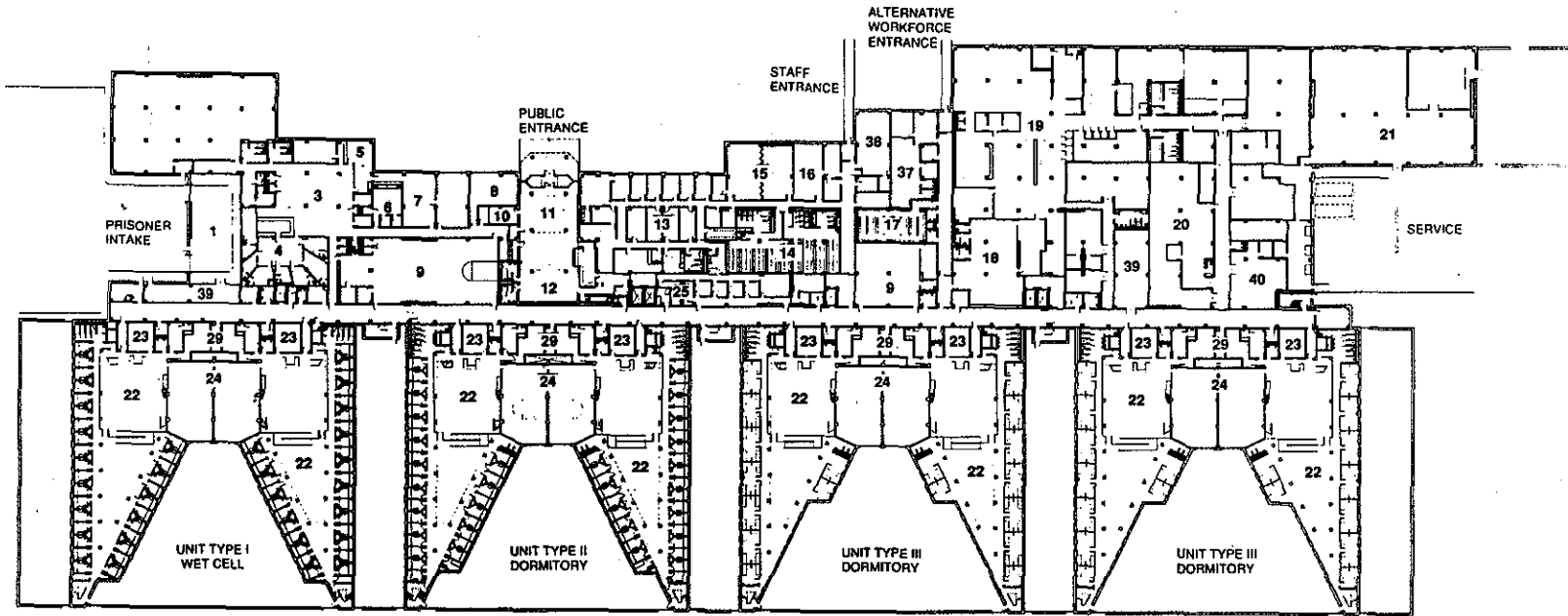
Architect's reported analysis

Factors affecting construction costs

Positive: Prefabricated components; simple construction methods, phased construction (fast track); less expensive materials
Negative: N/A

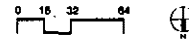
Factors affecting time schedule

Positive: Simple construction methods, phased construction (fast track); advanced order of materials; coordination of design
Negative: N/A



LEVEL ONE

- | | | | |
|-------------------------|---------------------------|--------------------|--------------------|
| 1 Vehicle Sallyport | 11 Lobby | 21 Mechanical | 31 Nurse |
| 2 Inmate Property | 12 Visitor Waiting | 22 Dayspace | 32 Medical Records |
| 3 Process Waiting | 13 Administration Offices | 23 Program | 33 Medical Offices |
| 4 Holding | 14 Staff Lockers | 24 Exercise | 34 X-Ray |
| 5 Identification | 15 Training | 25 Visit | 35 Medical Lab |
| 6 Medical | 16 Roll Call | 26 Master Control | 36 Dental Services |
| 7 Records | 17 Prisoner Lockers | 27 Classroom | 37 Clerical |
| 8 Classification Office | 18 Staff Dining | 28 General Library | 38 Fitness |
| 9 Multi-Purpose | 19 Food Service | 29 Storage | 39 Maintenance |
| 10 Line-up | 20 Laundry | 30 Medical Waiting | 40 Commissary |
| | | | 41 Control |



Hennepin County Adult Detention Center

Responsible official: Sheriff, Hennepin County

Contact: Michael Jalma, Captain, Hennepin County Adult Detention Center, Room 6, 300 South Fourth Street, Minneapolis, MN 55415, 612-348-8358

Architect: Setter Leach & Lindstrom, Inc., 1100 Peavey Building Second Avenue at Eighth Street, Minneapolis, MN 55402-2454, 612-338-8741

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: State, county
Commitment type: Pretrial
Category: Phased project (past)
Building configuration: Courtyard
Complex use: N/A
Facility location: Urban
Amount of land: N/A

Dimensions

Total GSF: 22,650
Total NSF: Unknown
Corrections GSF: 22,650
Corrections NSF: Unknown
Housing area GSF: 22,650
Housing area NSF: Unknown
GSF per inmate (design): 208
GSF per inmate (current): 184
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 70 (single)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Epoxy coating
Intercom: Two-way to cells
HVAC: Forced air
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Security screens, standard

Time

Groundbreaking: February 1984
Finish date: July 1987
Construction time: 41 months

Costs

Total: \$3,207,851
Building only: \$3,207,851
Final construction cost: Higher
Housing area: \$2,383,000
Housing per inmate: \$21,862
Housing per cell: Unknown
Total per inmate: \$29,430
Total per GSF: \$141.63
Total per NSF: Unknown
Total annual operating costs: \$4,310,124

Construction type

Structural: Existing concrete/masonry
Exterior walls: Existing stone with new interior CMU block
Interior walls: CMU block
Exterior surface or facade: Existing stone
Electronic technology systems: CCTV surveillance, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable

Inmate design capacity

General population

Single occupancy: 81
Double occupancy: 0
Dorms: 28

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 109
Current population: January 1992: 123

Inmate housing areas

Design: Modular/pod
Cells per unit: 8
Inmates per unit (design): 8
Inmates per unit (current): 8
Management type (design): Intermittent and remote surveillance

Management type (current): Intermittent and remote surveillance

Means to handle crowding: Transfer to another facility, second bunk permanently attached

Total officers per unit

Day: 2
Evening: 2
Midnight: 1

Construction process

Contract method: Conventional design-bid-build

Finance method: Unknown
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only; costs excluded

Inmate security level

Maximum: 100%
Medium: 0
Minimum: 0

Current staff

Full-time equivalent

Administration: 1
Security: 20
Programs and treatment: 3
Maintenance: 2
Total: 26

Current inmate/staff ratio: 4.7:1
Contracted services: Unknown

Architect's reported analysis

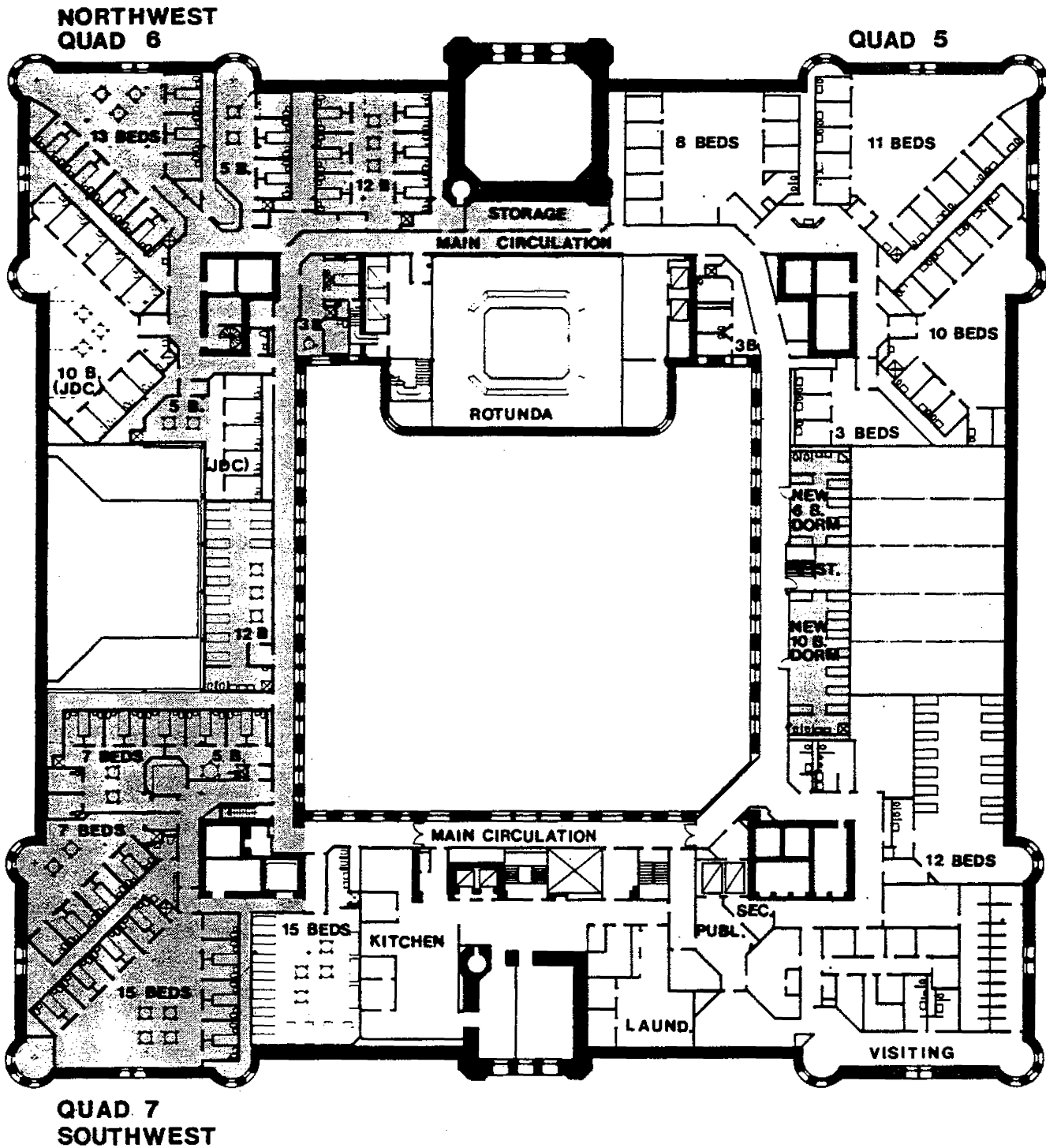
Factors affecting construction costs

Positive: Good competition
Negative: Slow construction and lengthy building time; difficult site conditions; complex electronic, mechanical, and electrical systems; construction phasing

Factors affecting time schedule

Positive: N/A
Negative: Government procedures and regulations; complex electronic, mechanical, and electrical systems; unexpected delays due to age of building

PLAN - 5th FLOOR HCADC



Minnesota Correctional Facility—Shakopee

Responsible official: Commissioner, Minnesota Department of Corrections

Contact: Connie M. Roehrich, Superintendent, Minnesota Correctional Facility—Shakopee, 1010 West Sixth Avenue, Box 7, Shakopee, MN 55379, 612-496-4441

Architect: Hellmuth, Obata & Kassabaum, Inc., 1831 Chestnut Street, St. Louis, MO 63103, 314-421-2000;
BWRB, 400 Sibley Street, Suite 500, St. Paul, MN 55101, 612-222-3701

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced, presumptive hold (convicted but not sentenced)
Category: New construction (independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Suburb
Amount of land: 37 acres

Dimensions

Total GSF: 107,867
Total NSF: 72,050
Corrections GSF: 107,867
Corrections NSF: 72,050
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 749
GSF per inmate (current): 740
NSF per inmate (design): 500
NSF per inmate (current): 493
Size of cells: 103 (single)
Net/gross square feet: 67%

Inmate cells

Door material(s): Wood
Type(s) of doors: Swinging
Type(s) of locks: Manual locking
Floor surface: Carpet, quarry tile
Intercom: Unknown
HVAC: Multiple fuel energy plant utilizing peat and wood
Plumbing: China
Furniture: Unknown
Fire protection: Unknown
Windows: Unknown

Security

Perimeter: Single fence, perimeter border created by landscaping; costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent
Administration: 32
Security: 52
Programs and treatment: 20
Maintenance: 11
Total: 115
Current inmate/staff ratio: 1.3:1
Contracted services: Medical, food

Architect's reported analysis

Factors affecting construction costs
Positive: N/A
Negative: N/A
Factors affecting time schedule
Positive: N/A
Negative: N/A

Time

Groundbreaking: September 1984
Finish date: August 1986
Construction time: 24 months

Costs

Total: \$15,000,000
Building only: Unknown
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: Unknown
Total per GSF: \$139.06
Total per NSF: \$208.19
Total annual operating costs: \$5,747,484

Construction type

Structural: Unknown
Exterior walls: Brick
Interior walls: Concrete block, gypsum board, burnished block
Exterior surface or facade: Brick
Electronic technology systems: Unknown

Inmate design capacity

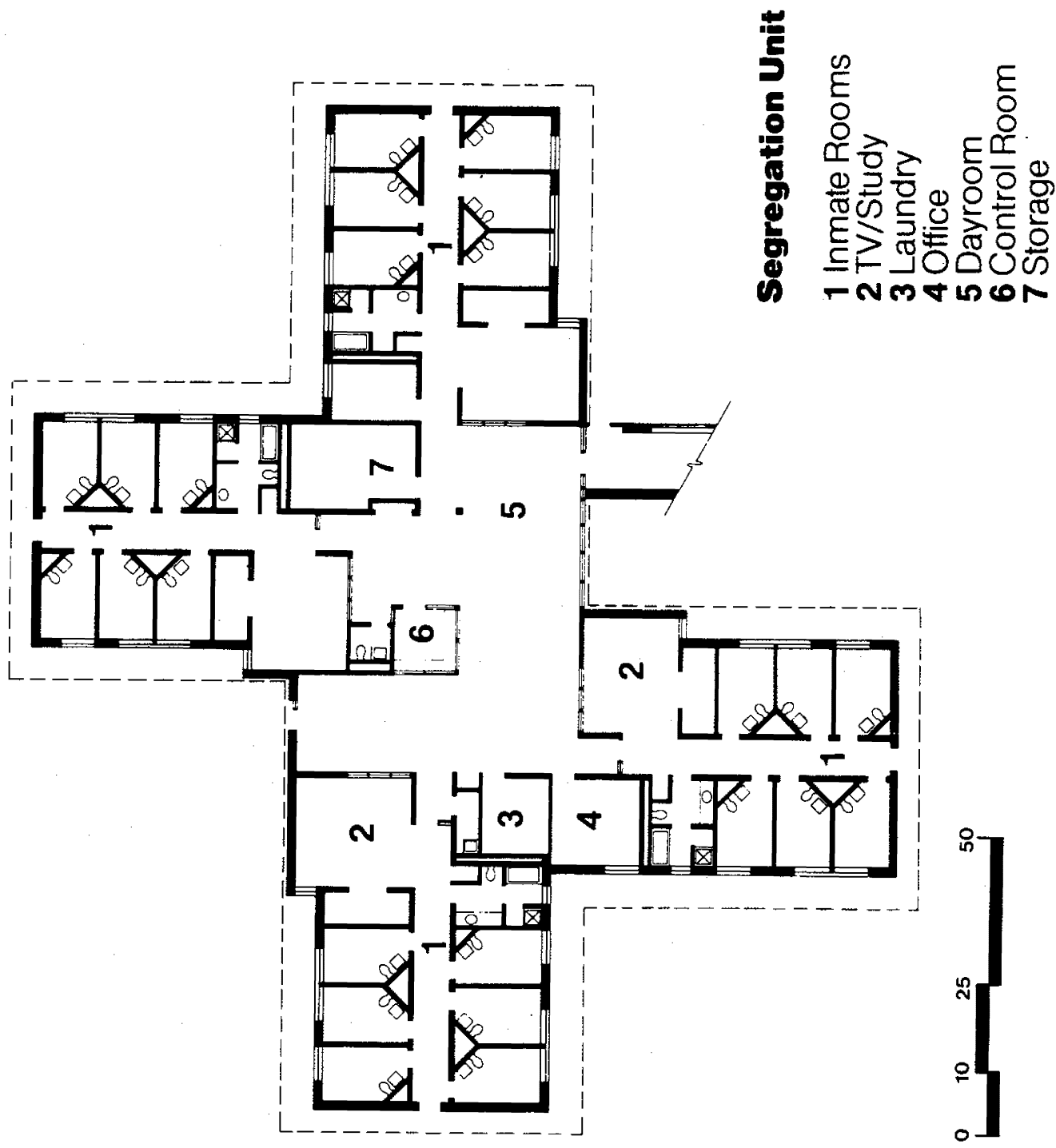
General population
Single occupancy: 106
Double occupancy: 0
Dorms: 0
Special population
Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 106
Current population: February 1993: 146

Inmate housing areas

Design: Other
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Direct supervision
Means to handle crowding: Transfer to another facility, bunk beds in "wing lounge"
Total officers per unit
Day: 1
Evening: 2
Midnight: 1

Construction process

Contract method: Unknown
Finance method: Unknown
Use of inmate labor: Unknown
Use of prefabrication: Unknown



Sherburne County Jail

Responsible official: Sheriff, Sherburne County

Contact: Stephen Daniels, Jail Administrator, Sherburne County Jail, 13880 Highway 10, P.O. Box 308, Elk River, MN 55330, 612-241-2500

Architect: Birkeland Architects (out of business)

Construction Manager: N/A

Facility type: County jail, complex (combined use)
Jurisdiction type: County
Commitment type: Pretrial, sentenced, INS
Category: Expansion
Building configuration: Integrated structure
Complex use: Law enforcement, courts
Facility location: Urban
Amount of land: Unknown

Dimensions

Total GSF: 133,232
Total NSF: Unknown
Corrections GSF: 22,330
Corrections NSF: Unknown
Housing area GSF: 22,330
Housing area NSF: Unknown
GSF per inmate (design): 447
GSF per inmate (current): 429
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: N/A
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging, sliding
Type(s) of locks: Remote locking, manual locking
Floor surface: Carpet, epoxy coating, sealed concrete, vinyl tile
Intercom: One-way to cells and common areas, duress voice alarm
HVAC: Steam heat, forced air
Plumbing: Stainless steel, china
Furniture: Steel, vinyl/plastic
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard and bars

Time

Groundbreaking: January 1987
Finish date: June 1988
Construction time: 18 months

Costs

Total: Unknown
Building only: Unknown
Final construction cost: Unknown
Housing area: \$2,950,000
Housing per inmate: \$59,000
Housing per cell: \$59,000
Total per inmate: N/A
Total per GSF: Unknown
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Load-bearing precast panels, 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
Exterior surface or facade: Brick
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels

Inmate design capacity

General population

Single occupancy: 50
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 50
Current population: January 1992: 52

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 4
Inmates per unit (design): 4
Inmates per unit (current): 4
Management type (design): Intermittent surveillance
Management type (current): Unknown
Means to handle crowding: Transfer to another facility

Total officers per unit

Day: 3
Evening: 3
Midnight: 3

Construction process

Contract method: Conventional design-bid-build
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only, video camera surveillance; costs excluded

Inmate security level

Maximum: 12%
Medium: 64%
Minimum: 24%

Current staff

Full-time equivalent

Administration: 2
Security: 17
Programs and treatment: 3
Maintenance: 0
Total: 22
Current inmate/staff ratio: 2.4:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Unknown
Negative: Government procedures and regulations

Factors affecting time schedule

Positive: N/A
Negative: Government procedures and regulations

(No floorplan available at time of publication)

Harrison County Jail

Responsible official: Sheriff, Harrison County

Contact: Rick Gaston, Administrator, Harrison County Jail, 10451 Larkin I. Smith Drive, Gulfport, MS 39503, 601-865-7072

Architect: Rosser Justice Systems, 524 West Peachtree Street, Atlanta, GA 30308, 404-876-3800

Construction Manager: N/A

Facility type: County jail, complex (combined use)

Jurisdiction type: County

Commitment type: Pretrial

Category: New construction (independent facility)

Building configuration: Integrated structure

Complex use: Law enforcement

Facility location: Suburb

Amount of land: 29 acres

Dimensions

Total GSF: Unknown

Total NSF: Unknown

Corrections GSF: 204,000

Corrections NSF: 127,000

Housing area GSF: Unknown

Housing area NSF: Unknown

GSF per inmate (design): 476

GSF per inmate (current): 408

NSF per inmate (design): 296

NSF per inmate (current): 254

Size of cells: 82 (single)

Net/gross square feet: 62%

Inmate cells

Door material(s): Steel

Type(s) of doors: Swinging

Type(s) of locks: Remote locking only

Floor surface: Sealed concrete

Intercom: Two-way to common areas,

inmate duress alarm, general paging

HVAC: Air-conditioning, gas heat, forced air

Plumbing: China

Furniture: Steel

Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations

Windows: Slit

Inmate design capacity

General population

Single occupancy: 384

Double occupancy: 0

Dorms: 0

Special population

Single occupancy: 5

Double occupancy: 40

Dorms: 0

Total design: 429

Current population: January 1993: 500

Security

Perimeter: Building exterior only, single fence perimeter detection/alarm; costs included

Inmate security level

Maximum: 17%

Medium: 83%

Minimum: 0

Time

Groundbreaking: Unknown

Finish date: Unknown

Construction time: Unknown

Costs

Total: \$13,000,000

Building only: \$12,600,000

Final construction cost: Lower

Housing area: \$9,000,000

Housing per inmate: \$23,438

Housing per cell: \$23,438

Total per inmate: N/A

Total per GSF: Unknown

Total per NSF: Unknown

Total annual operating costs: \$1,493,258

Inmate housing areas

Design: Modular/pod

Cells per unit: Unknown

Inmates per unit (design): Unknown

Inmates per unit (current): Unknown

Management type (design): Remote surveillance

Management type (current): Remote surveillance, direct supervision

Means to handle crowding: Transfer to another facility

Total officers per unit

Day: 16

Evening: 16

Midnight: 16

Construction process

Contract method: Conventional design-bid-build

Finance method: Local general obligation bonds

Use of inmate labor: None

Use of prefabrication: None

Current staff

Full-time equivalent

Administration: 2

Security: 31

Programs and treatment: 4

Maintenance: 1

Total: 38

Current inmate/staff ratio: 13.2:1

Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition, less expensive materials, bidding alternative construction systems

Negative: N/A

Factors affecting time schedule

Positive: Simple construction methods, coordination of design

Negative: Slow response or delivery from vendor/supplier

Construction type

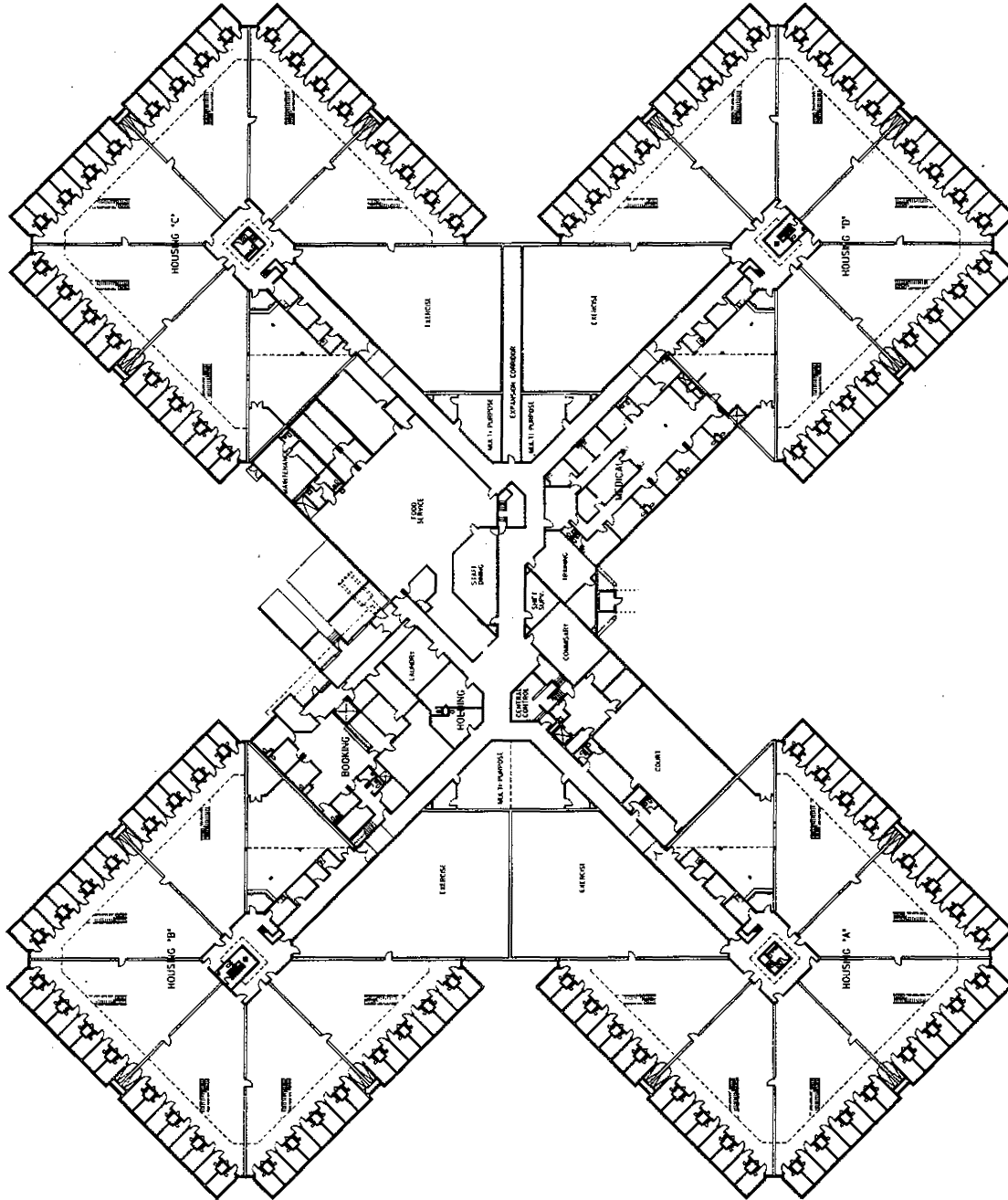
Structural: Steel frame, cast-in-place concrete frame, load-bearing CMU block

Exterior walls: CMU block

Interior walls: CMU block

Exterior surface or facade: EIFS

Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, perimeter detection/alarm, satellite/cable



Boone County Jail

Responsible official: Sheriff, Boone County

Contact: Warren Brewer, Division Commander, Boone County Jail, 2121 County Drive, Columbia, MO 65202, 314-875-1111

Architect: Durrant Architects, Inc., One Cycare Plaza, Dubuque, IA 52001, 319-583-9131

Construction Manager: CRSS Constructors, Inc., 106 North Seventh Street, Columbia, MO 65201, 314-874-2514

Facility type: County jail
Jurisdiction type: Federal, State, county
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Clusters
Complex use: Law enforcement
Facility location: Rural
Amount of land: 3 acres

Dimensions

Total GSF: 53,476
Total NSF: 39,475
Corrections GSF: 38,252
Corrections NSF: 28,209
Housing area GSF: 31,913
Housing area NSF: 24,367
GSF per inmate (design): 206
GSF per inmate (current): 324
NSF per inmate (design): 152
NSF per inmate (current): 239
Size of cells: 79 (single), 126 (double), 373 (dorm)
Net/gross square feet: 74%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging, sliding
Type(s) of locks: Motor driven and remote locking
Floor surface: Sealed concrete
Intercom: Two-way to cells, inmate duress alarm
HVAC: Forced air, air to air heat/recovery, direct digital control system
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Security glass block

Time

Groundbreaking: June 1989
Finish date: February 1991
Construction time: 20 months

Costs

Total: \$5,632,381
Building only: \$5,447,400
Final construction cost: Higher
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: N/A
Total per GSF: \$105.32
Total per NSF: \$142.68
Total annual operating costs: \$1,473,699

Construction type

Structural: Steel frame
Exterior walls: Brick
Interior walls: Precast panels, CMU block, metal stud, gypsum board
Exterior surface or facade: Brick, CMU block
Electronic technology systems: Unknown

Inmate design capacity

General population
Single occupancy: 60
Double occupancy: 48
Dorms: 19
Special population
Single occupancy: 5
Double occupancy: 0
Dorms: 50
Total design: 186
Current population: May 1992: 118

Inmate housing areas

Design: Modular/pod
Cells per unit: 20
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Remote surveillance, direct supervision
Management type (current): Remote surveillance
Means to handle crowding: N/A
Total officers per unit
Day: 2
Evening: 2
Midnight: 2

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: Local special, time-limited tax levy
Use of inmate labor: None
Use of prefabrication: Limited; precast concrete panels

Security

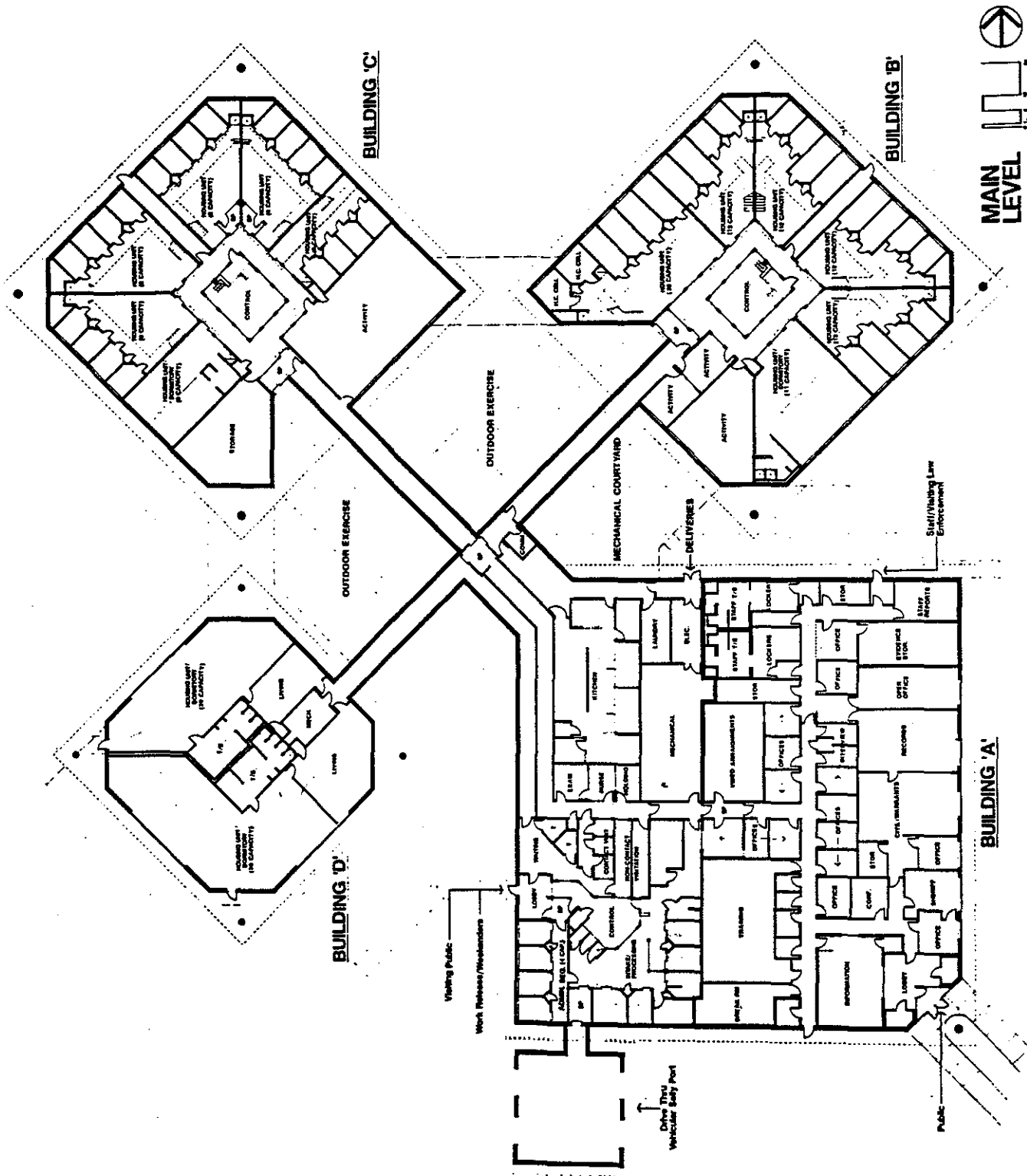
Perimeter: Double fence, razor wire on and between fence(s), video camera surveillance; costs included
Inmate security level
Maximum: 16%
Medium: 21%
Minimum: 63%

Current staff

Full-time equivalent
Administration: 6
Security: 26
Programs and treatment: 0
Maintenance: 3
Total: 35
Current inmate/staff ratio: 3.4:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, phased construction (fast track); good competition
Negative: N/A
Factors affecting time schedule
Positive: Simple construction methods; phased construction (fast track); advanced order of materials; coordination of design
Negative: N/A



Fulton Reception and Diagnostic Center

Responsible official: Director, Missouri Department of Corrections

Contact: Donald L. Smith, Superintendent, Fulton Reception and Diagnostic Center, P.O. Box 190, State Route 0, Fulton, MO 65251, 314-592-4040

Architect: Hoffman DeMichele, Inc., 710 North Second Street, Suite 200 South, St. Louis, MO 63102, 314-621-0700

Construction Manager: CRSS Constructors, Inc., 106 North Seventh Street, Columbia, MO 65201, 314-874-2514

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Suburb
Amount of land: 127 acres

Dimensions

Total GSF: 297,000
Total NSF: 194,000
Corrections GSF: 297,000
Corrections NSF: 194,000
Housing area GSF: 297,000
Housing area NSF: 194,000
GSF per inmate (design): 580
GSF per inmate (current): 280
NSF per inmate (design): 380
NSF per inmate (current): 183
Size of cells: 84 (single)
Net/gross square feet: 65%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Two-way to common areas, inmate duress alarm, general paging throughout
HVAC: Heating/air circulation, gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Special security

Time

Groundbreaking: September 1984
Finish date: May 1987
Construction time: 24 months

Costs

Total: \$29,094,184
Building only: Unknown
Final construction cost: Lower
Housing area: \$18,000,000
Housing per inmate: \$35,156
Housing per cell: \$35,156
Total per inmate: \$56,825
Total per GSF: \$97.96
Total per NSF: \$149.97
Total annual operating costs: \$3,097,710

Construction type

Structural: Steel frame, cast-in-place concrete frame, load-bearing CMU block
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: Brick, CMU block
Electronic technology systems: CCTV surveillance, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, satellite/cable, joint domain system, taut wire system, fence disturbance system

Inmate design capacity

General population

Single occupancy: 512
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 512
Current population: December 1992: 1,062

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 64
Inmates per unit (design): 64
Inmates per unit (current): 128
Management type (design): Remote surveillance
Management type (current): Remote surveillance
Means to handle crowding: Transfer to another facility, mattresses on floor, beds in dayroom, second bunk
Total officers per unit
Day: 2
Evening: 2
Midnight: 2

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Double fence, perimeter detection/alarm, razor wire on and between fence(s), towers; costs included

Inmate security level

Maximum: 81%
Medium: 19%
Minimum: 0

Current staff

Full-time equivalent

Administration: 10
Security: 143
Programs and treatment: 111
Maintenance: 16
Total: 270
Current inmate/staff ratio: 3.9:1
Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs

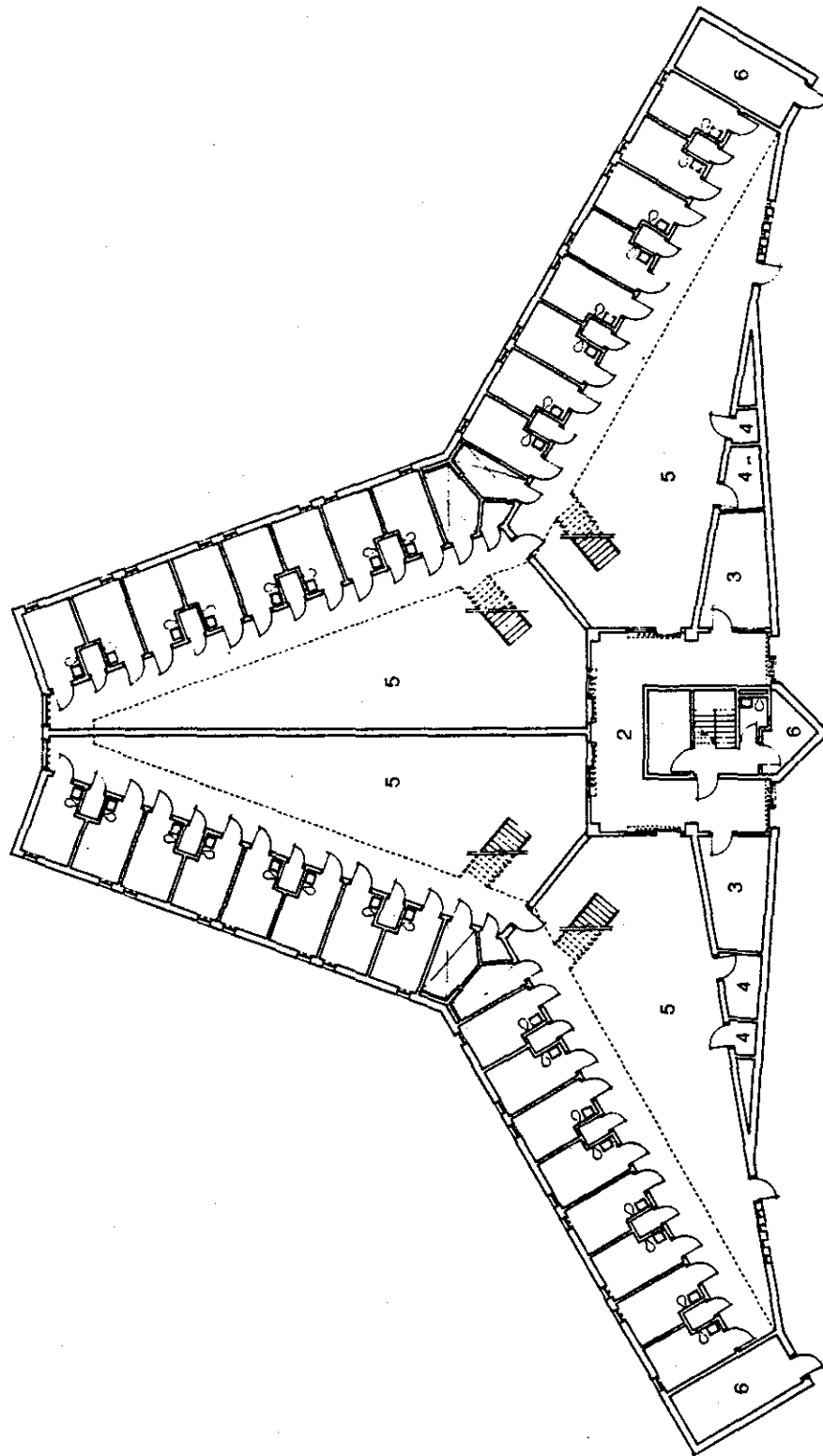
Positive: Simple construction methods, phased construction (fast track); good competition

Negative: High labor costs; difficult site conditions; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Simple construction methods, phased construction (fast track); coordination of design

Negative: Slow response or delivery from vendor/supplier; weather problems; complex electronic, mechanical, and electrical systems



INMATE HOUSING UNIT-FIRST FLOOR PLAN

- 1 Central Control
- 2 Sallyport
- 3 Office
- 4 Equipment
- 5 Dayroom
- 6 Mechanical



Marion County Jail and Law Enforcement Center

Responsible official: Presiding Commissioner, Marion County

Contact: Dan Campbell, Sheriff, Marion County Jail and Law Enforcement Center, 210 West Lafayette, Palmyra, MO 63461, 314-769-2077

Architect: Abend Singleton Associates, Inc., 1200 Grand Avenue, Kansas City, MO 64106, 816-221-5011

Construction Manager: N/A

Facility type: County jail, complex (combined use)
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: Law enforcement
Facility location: Rural
Amount of land: 4 acres

Dimensions

Total GSF: 29,700
Total NSF: Unknown
Corrections GSF: 24,200
Corrections NSF: Unknown
Housing area GSF: 19,500
Housing area NSF: 18,600
GSF per inmate (design): 267
GSF per inmate (current): 733
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 60.7 (single), 115 (double)
Net/gross square feet: Unknown

Inmate design capacity

General population

Single occupancy: 48
Double occupancy: 32
Dorms: 0

Special population

Single occupancy: 5
Double occupancy: 0
Dorms: 5

Total design: 90

Current population: January 1993: 33

Inmate housing areas

Design: Modular/pod
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: N/A
Total officers per unit
Day: 3
Evening: 2
Midnight: 2

Construction process

Contract method: Conventional design-bid-build
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking
Floor surface: Epoxy coating
Intercom: Two-way to cells and common areas
HVAC: Gas heat, forced air
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit and special security

Security

Perimeter: Building exterior only; costs included

Inmate security level

Maximum: 10%
Medium: 80%
Minimum: 10%

Current staff

Full-time equivalent

Administration: 3
Security: 22
Programs and treatment: 3
Maintenance: 1
Total: 29
Current inmate/staff ratio: 1.1:1
Contracted services: Phone

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition
Negative: Complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Simple construction methods
Negative: Weather problems; complex electronic, mechanical, and electrical systems

Time

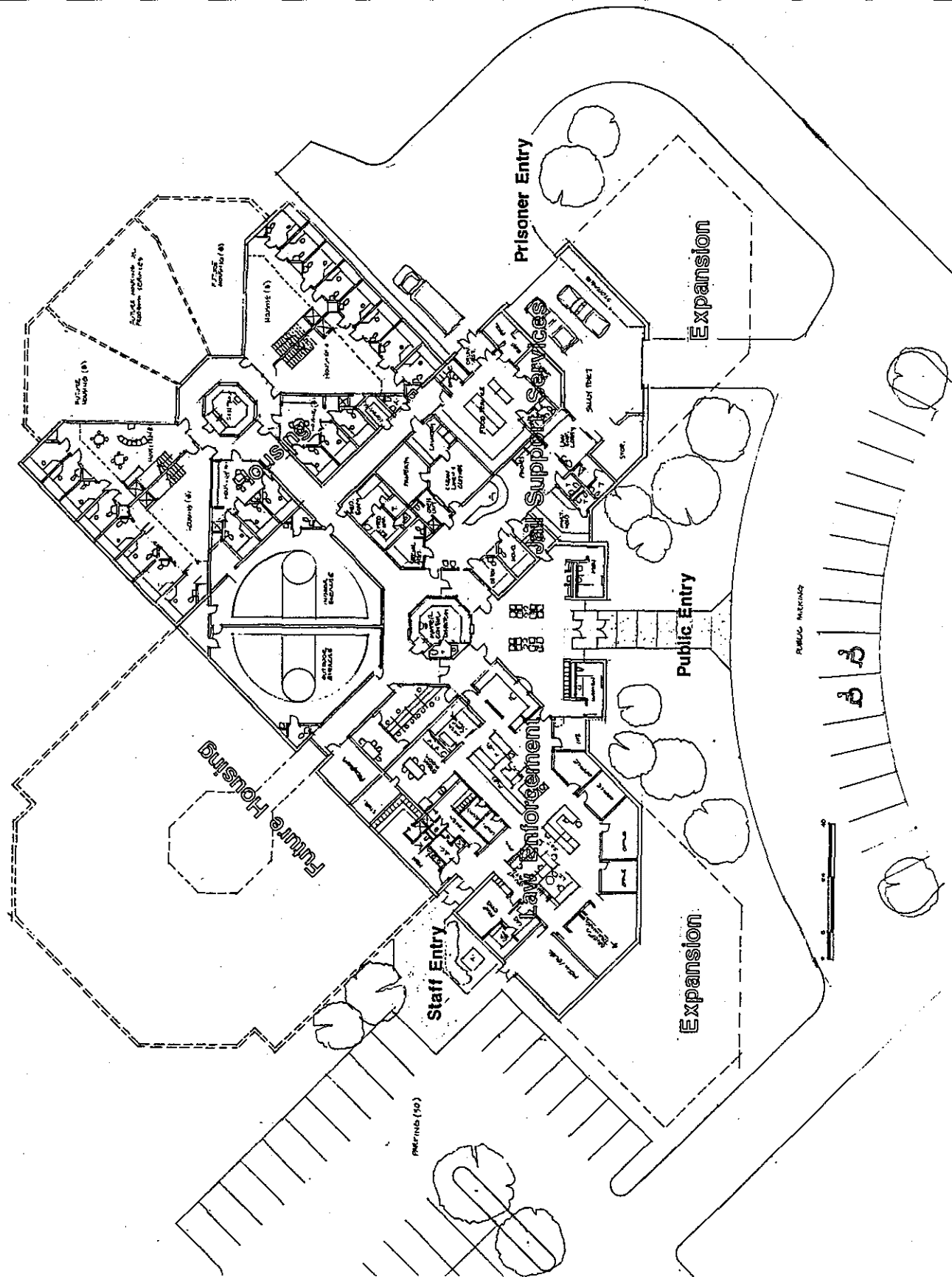
Groundbreaking: June 1991
Finish date: September 1992
Construction time: 15 months

Costs

Total: \$3,176,000
Building only: \$3,075,930
Final construction cost: Unknown
Housing area: \$2,220,000
Housing per inmate: \$30,833
Housing per cell: \$37,000
Total per inmate: N/A
Total per GSF: \$106.94
Total per NSF: Unknown
Total annual operating costs: \$907,222

Construction type

Structural: Steel frame, load-bearing masonry walls
Exterior walls: CMU block, brick
Interior walls: CMU block
Exterior surface or facade: Brick, glazed CMU block, split face
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels



Western Missouri Correctional Center

Responsible official: Director, Missouri Department of Corrections

Contact: Michael L. Kemna, Superintendent, Western Missouri Correctional Center, Route 5, Box 1E, Cameron, MO 64429-0376, 816-632-1390

Architect: Howard, Needles, Tammen & Bergendoff, 1201 Walnut, Kansas City, MO 64106, 816-472-1201

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 220 acres

Dimensions

Total GSF: 462,865
Total NSF: Unknown
Corrections GSF: 462,865
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 444
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 85.9 (double)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Two-way to common areas
HVAC: Heating/air circulation, forced air
Plumbing: Stainless steel, china
Furniture: Unknown
Fire protection: Smoke detectors and sprinklers for cells and common areas
Windows: Slit

Security

Perimeter: Building exterior only, double fence, perimeter patrols and detection/ alarm, razor wire on fence(s), video camera surveillance; costs included

Inmate security level

Maximum: 30%
Medium: 70%
Minimum: 0

Current staff

Full-time equivalent

Administration: 10
Security: 376
Programs and treatment: 148
Maintenance: 31
Total: 565
Current inmate/staff ratio: 3.5:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Prefabricated components, simple construction methods, good competition
Negative: N/A

Factors affecting time schedule

Positive: Simple construction methods, advanced order of materials
Negative: Slow response or delivery from vendor/supplier; complex electronic, mechanical, and electrical systems

Time

Groundbreaking: January 1987
Finish date: September 1988
Construction time: 20 months

Costs

Total: \$41,901,119
Building only: \$33,500,000
Final construction cost: Higher
Housing area: \$2,000,000
Housing per inmate: \$1,012
Housing per cell: \$2,000
Total per inmate: \$21,215
Total per GSF: \$90.52
Total per NSF: Unknown
Total annual operating costs: \$16,756,917

Construction type

Structural: Steel frame, precast concrete cells, load-bearing CMU block
Exterior walls: Precast panels, CMU block
Interior walls: Precast panels, CMU block
Exterior surface or facade: Stucco, CMU block, precast walls, colored metal roofs
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/ monitoring, custom control panels, perimeter detection/alarm, satellite/cable

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 2,000
Dorms: 0

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 2,000

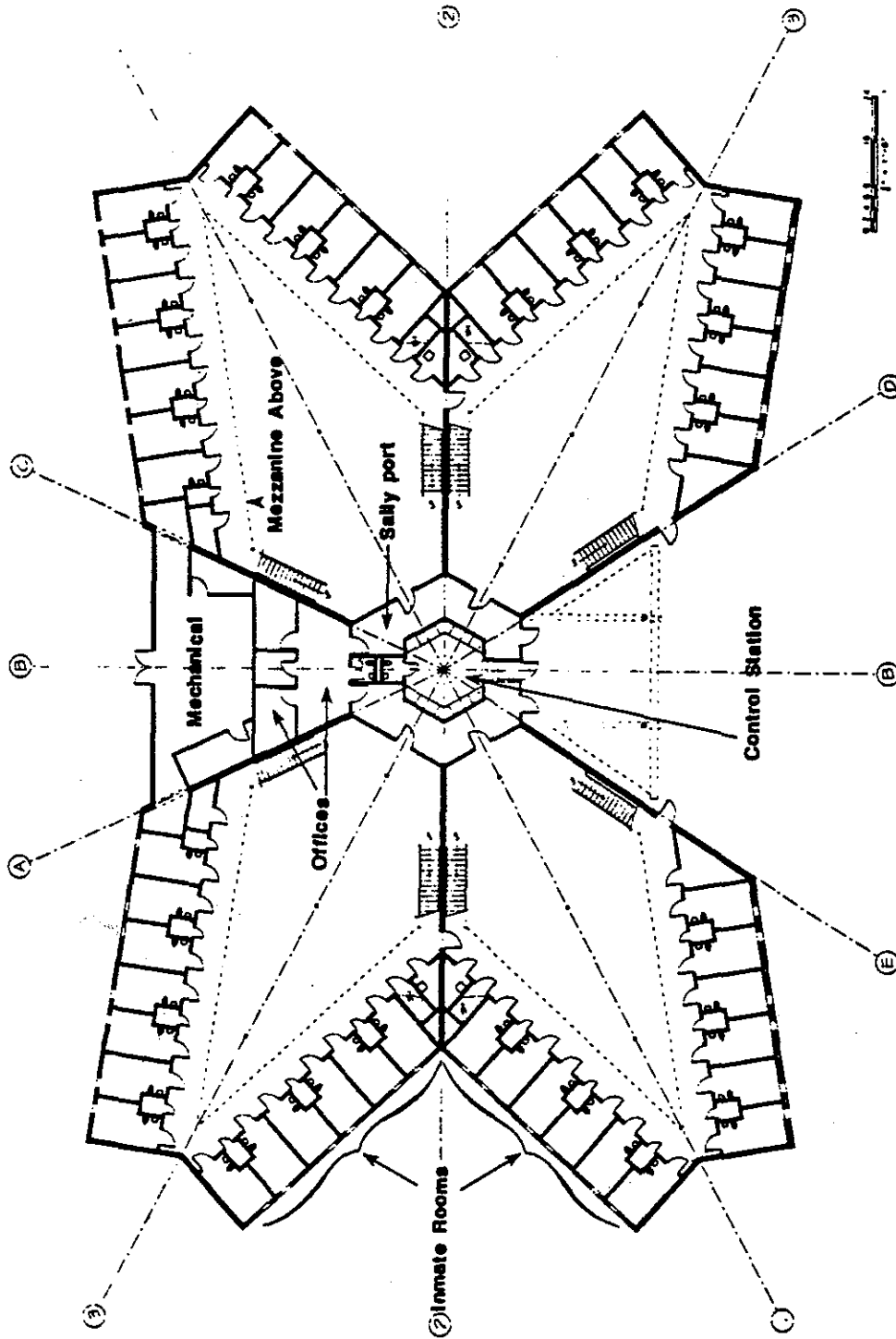
Current population: January 1993: 1,975

Inmate housing areas

Design: Modular/pod
Cells per unit: 100
Inmates per unit (design): 200
Inmates per unit (current): 200
Management type (design): Intermittent and remote surveillance, direct supervision
Management type (current): Direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 3
Evening: 3
Midnight: 3

Construction process

Contract method: Conventional design-bid-build
Finance method: Unknown
Use of inmate labor: None
Use of prefabrication: Limited; precast exterior walls



HOUSING UNIT MEDIUM SECURITY
GROUND FLOOR

Ely State Prison

Responsible official: Director, Nevada Department of Prisons

Contact: Chuck Wolff, Associate Warden, Ely State Prison, P.O. Box 1989, Ely, NV 89301, 702-289-8800

Architect: Ganthmer, Melby, Lee Architects and Planners, 5190 Neil Road, #231, Reno, NV 89502, 702-829-8814

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 1,000 acres

Dimensions

Total GSF: 387,220
Total NSF: 348,498
Corrections GSF: 387,220
Corrections NSF: 348,498
Housing area GSF: 238,960
Housing area NSF: 215,064
GSF per inmate (design): 384
GSF per inmate (current): Unknown
NSF per inmate (design): 346
NSF per inmate (current): Unknown
Size of cells: 86 (single and double)
Net/gross square feet: 90%

Inmate cells

Door material(s): Steel
Type(s) of doors: Sliding
Type(s) of locks: Manual locking, motor driven and remote 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 and sprinklers for cells and common areas
Windows: Slit

Time

Groundbreaking: August 1987
Finish date: December 1990
Construction time: 40 months

Costs

Total: \$52,000,000
Building only: Unknown
Final construction cost: Higher
Housing area: \$25,000,000
Housing per inmate: \$24,802
Housing per cell: \$31,888
Total per inmate: \$51,587
Total per GSF: \$134.29
Total per NSF: \$149.21
Total annual operating costs: \$14,000,000

Construction type

Structural: Load-bearing precast panels, steel frame, cast-in-place concrete frame
Exterior walls: CMU block
Interior walls: Precast panels, cast-in-place concrete, CMU block
Exterior surface or facade: Stucco, natural wall, CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable

Inmate design capacity

General population

Single occupancy: 576
Double occupancy: 384
Dorms: 16

Special population

Single occupancy: 32
Double occupancy: 0
Dorms: 0

Total design: 1,008

Current population: Unknown

Inmate housing areas

Design: Modular/pod
Cells per unit: 96
Inmates per unit (design): 96
Inmates per unit (current): Unknown
Management type (design): Remote surveillance
Management type (current): Unknown
Means to handle crowding: Unknown

Total officers per unit

Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Double fence, razor wire on and between fence(s), towers, perimeter patrols; costs included

Inmate security level

Maximum: 98%
Medium: 0
Minimum: 2%

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: 0
Current inmate/staff ratio: Unknown
Contracted services: Unknown

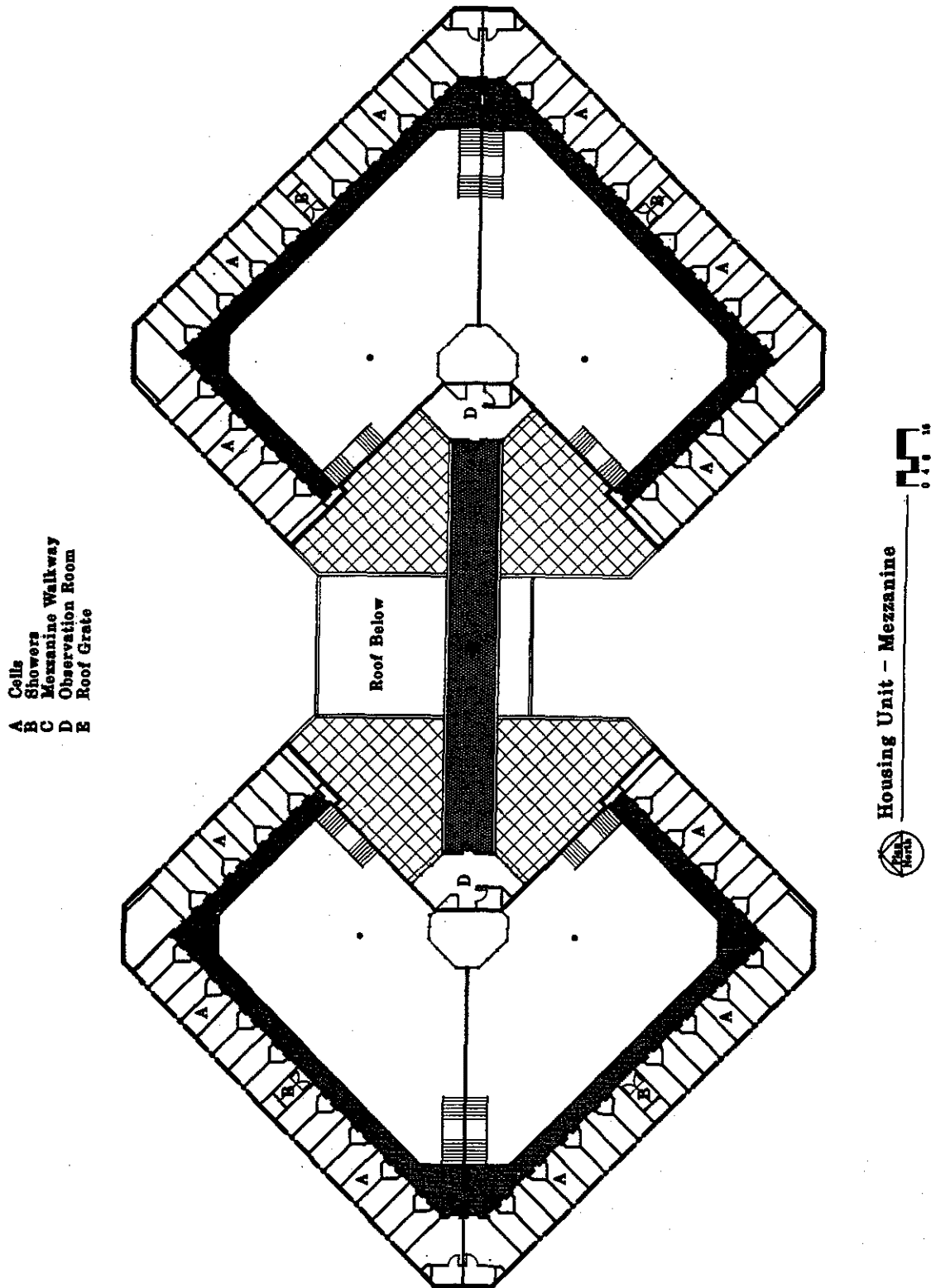
Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods
Negative: Slow construction and lengthy building time, high labor costs, difficult site conditions

Factors affecting time schedule

Positive: Coordination of design
Negative: Weather problems



Cumberland County Jail

Responsible official: Sheriff, Cumberland County

Contact: Captain Dennis Flukey, Undersheriff, Cumberland County Jail, 54 West Broad Street, Bridgeton, NJ 08332, 609-451-8000

Architect: Vitetta Group, 642 North Broad Street, The Wallace Building, Philadelphia, PA 19130, 215-235-3500;

K.A. Parsons Associates, 605 Wagner Road, Studio 1, Lafayette Hill, PA 19444-2024, 215-828-4193

Construction Manager: N/A

Facility type: County jail

Jurisdiction type: County, State

Commitment type: Pretrial, sentenced inmates from other jurisdictions

Category: Expansion

Building configuration: Highrise

Complex use: N/A

Facility location: Urban

Amount of land: 6 acres

Dimensions

Total GSF: Unknown

Total NSF: 28,460

Corrections GSF: Unknown

Corrections NSF: 28,460

Housing area GSF: 17,024

Housing area NSF: 10,640

GSF per inmate (design): Unknown

GSF per inmate (current): Unknown

NSF per inmate (design): 285

NSF per inmate (current): 75

Size of cells: 70 (single)

Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel

Type(s) of doors: Swinging, sliding

Type(s) of locks: Remote locking only

Floor surface: Sealed concrete, vinyl tile, tile in kitchen

Intercom: Two-way to common areas, inmate duress alarm

HVAC: Air-conditioning, steam heat

Plumbing: China, stainless steel combination unit

Furniture: Steel

Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations

Windows: Special security

Security

Perimeter: Building exterior only, video camera surveillance, razor wire on walls in exercise yard; costs included

Inmate security level

Maximum: 4%

Medium: 96%

Minimum: 0%

Current staff

Full-time equivalent

Administration: 16

Security: 108

Programs and treatment: 6

Maintenance: 1

Total: 131

Current inmate/staff ratio: 2.9:1

Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Good competition, good contractor

Negative: Difficult site conditions

Factors affecting time schedule

Positive: Advanced order of materials, coordination of design

Negative: Weather problems, political issues

Time

Groundbreaking: Unknown

Finish date: January 1988

Construction time: Unknown

Costs

Total: \$6,200,000

Building only: Unknown

Final construction cost: Lower

Housing area: Unknown

Housing per inmate: Unknown

Housing per cell: Unknown

Total per inmate: \$62,000

Total per GSF: Unknown

Total per NSF: \$217.85

Total annual operating costs: \$2,177,000

Construction type

Structural: Cast-in-place concrete frame

Exterior walls: CMU block, brick

Interior walls: CMU block

Exterior surface or facade: Brick

Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population

Single occupancy: 96

Double occupancy: 0

Dorms: 0

Special population

Single occupancy: 4

Double occupancy: 0

Dorms: 0

Total design: 100

Current population: October 1992: 380

Inmate housing areas

Design: Modular/pod

Cells per unit: 96

Inmates per unit (design): 96

Inmates per unit (current): Unknown

Management type (design): Remote surveillance, direct supervision

Management type (current): Intermittent surveillance, direct supervision

Means to handle crowding: Bunk beds in cells, mattresses on floor

Total officers per unit

Day: 17

Evening: 17

Midnight: 15

Construction process

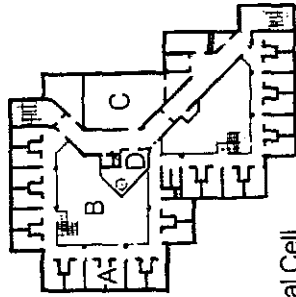
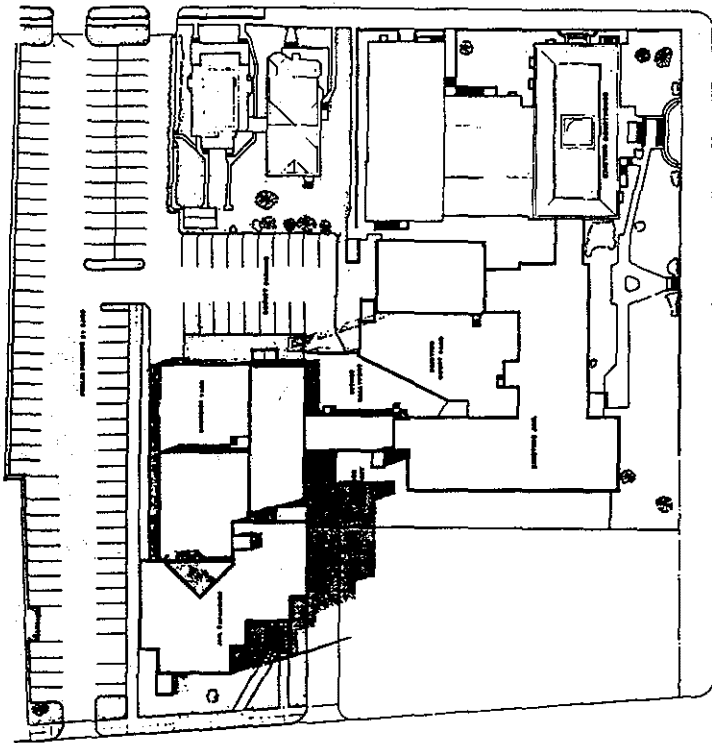
Contract method: Conventional design-bid-build

Finance method: Local general obligation bonds, State contribution

Use of inmate labor: Limited; painting and site cleaning

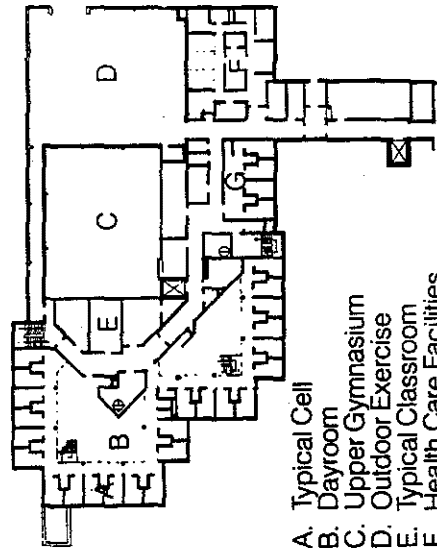
Use of prefabrication: None

Site Plan



- A. Typical Cell
- B. Upper Dayroom
- C. Library
- D. Control Station

Typical Housing Plan



- A. Typical Cell
- B. Dayroom
- C. Upper Gymnasium
- D. Outdoor Exercise
- E. Typical Classroom
- F. Health Care Facilities

Housing Mezzanine Level

Federal Correctional Institution—Fairton

Responsible official: Director, Federal Bureau of Prisons

Contact: Michael Cooksey, Warden, Federal Correctional Institution—Fairton, P.O. Box 280, Highway 698, Fairton, NJ 08320, 609-453-1177

Architect: Vietta Group, 642 North Broad Street, The Wallace Building, Philadelphia, PA 19130, 215-235-3500

Construction Manager: Morse Diesel, 120 Wood Avenue South, Suite 500, Iselin, NJ 08830, 908-494-1800

Facility type: Federal prison
Jurisdiction type: Federal
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Suburb
Amount of land: Unknown

Dimensions

Total GSF: 340,000
Total NSF: 212,500
Corrections GSF: 340,000
Corrections NSF: 212,500
Housing area GSF: 105,000
Housing area NSF: 88,000
GSF per inmate (design): 340
GSF per inmate (current): 362
NSF per inmate (design): 213
NSF per inmate (current): 227
Size of cells: 80 (single)
Net/gross square feet: 62.5%

Inmate cells

Door material(s): Wood
Type(s) of doors: Swinging
Type(s) of locks: Manual locking
Floor surface: Vinyl tile
Intercom: One-way to cells
HVAC: Gas heat
Plumbing: China
Furniture: Wood
Fire protection: Smoke detectors for common areas, sprinklers for cells and common areas, manual alarm stations
Windows: Standard and bars

Time

Groundbreaking: October 1987
Finish date: January 1990
Construction time: 27 months

Costs

Total: \$50,700,000
Building only: \$43,200,000
Final construction cost: Higher
Housing area: \$13,800,000
Housing per inmate: \$14,375
Housing per cell: Unknown
Total per inmate: \$50,700
Total per GSF: \$149.11
Total per NSF: \$238.59
Total annual operating costs: \$18,200,000

Construction type

Structural: Load-bearing precast panels, steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, perimeter detection/alarm

Inmate design capacity

General population

Single occupancy: 960
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 40
Double occupancy: 0
Dorms: 0

Total design: 1,000

Current population: February 1993: 938

Inmate housing areas

Design: Modular/pod
Cells per unit: 120
Inmates per unit (design): 120
Inmates per unit (current): Unknown
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 2
Evening: 2
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: Federal funds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Double fence; costs included
Inmate security level
Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 28
Security: 109
Programs and treatment: 42
Maintenance: 24
Total: 203
Current inmate/staff ratio: Unknown
Contracted services: Unknown

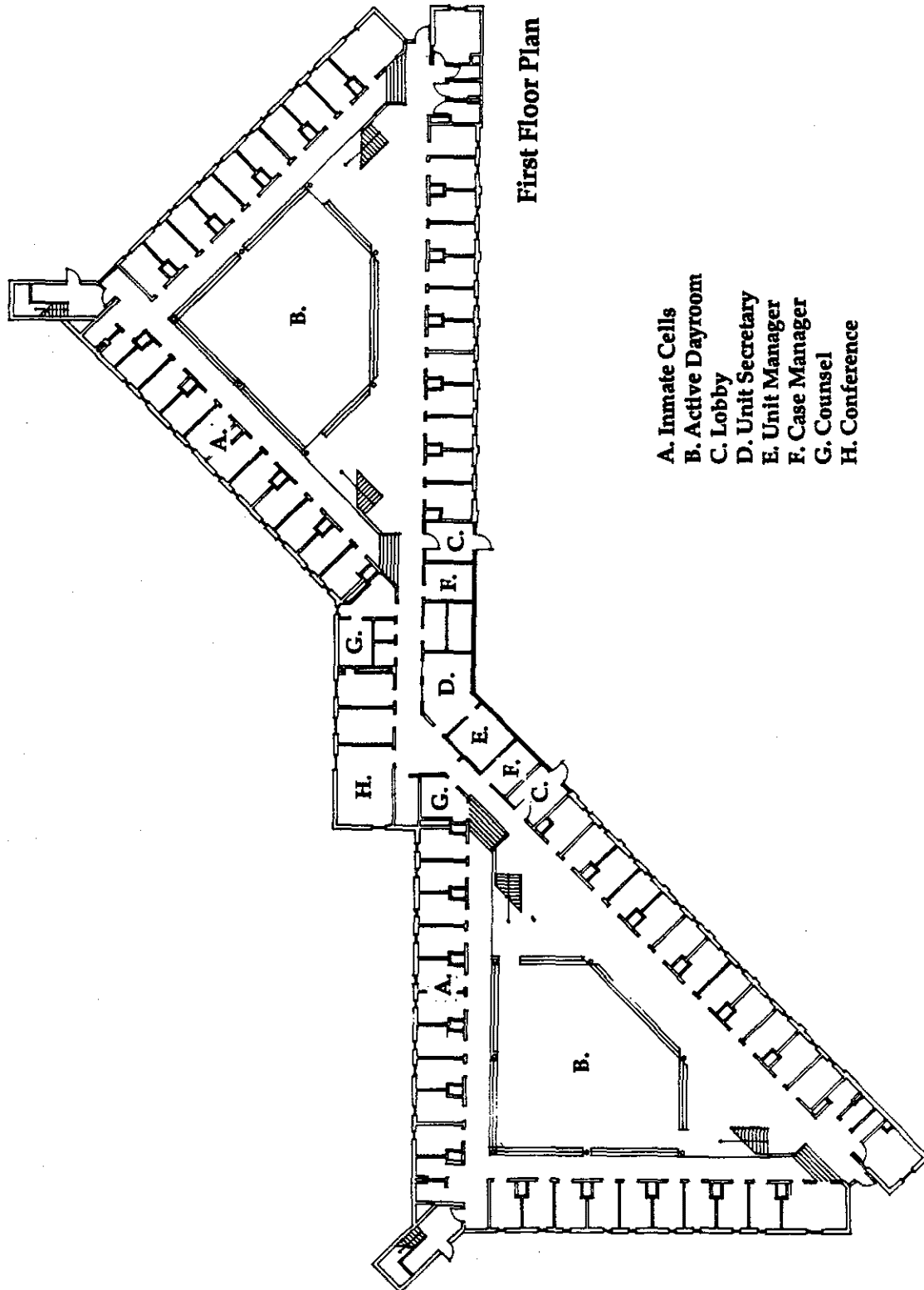
Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, less expensive materials
Negative: High labor costs; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Simple construction methods
Negative: Slow response or delivery from vendor/supplier, labor problems



First Floor Plan

- A. Inmate Cells
- B. Active Dayroom
- C. Lobby
- D. Unit Secretary
- E. Unit Manager
- F. Case Manager
- G. Counsel
- H. Conference

Monmouth County Correction Institution

Responsible official: Sheriff, Monmouth County

Contact: Clifford J. Daniels, Warden, Monmouth County Correction Institution, 1 Waterworks Road, Freehold, NJ 07728, 908-431-6524

Architect: Grad Partnership, One Gateway Center, Newark, NJ 07102-5388, 201-621-1700

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: State, county
Commitment type: Pretrial, sentenced
Category: Remodeling/renovation
Building configuration: Clusters
Complex use: N/A
Facility location: Suburb
Amount of land: N/A

Dimensions

Total GSF: 26,000
Total NSF: 18,600
Corrections GSF: 26,000
Corrections NSF: 18,600
Housing area GSF: 26,000
Housing area NSF: 18,600
GSF per inmate (design): 102
GSF per inmate (current): 103
NSF per inmate (design): 73
NSF per inmate (current): 74
Size of cells: 80 (double)
Net/gross square feet: 72%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Epoxy coating
Intercom: Two-way to common areas
HVAC: Air-conditioning, forced air
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas
Windows: Slit and special security

Security

Perimeter: Building exterior only, single fence; costs excluded

Inmate security level

Maximum: 100%
Medium: 0
Minimum: 0

Time

Groundbreaking: March 1983
Finish date: October 1985
Construction time: 31 months

Costs

Total: \$11,000,000
Building only: Unknown
Final construction cost: Higher
Housing area: \$6,000,000
Housing per inmate: \$23,438
Housing per cell: \$46,875
Total per inmate: \$42,968
Total per GSF: \$423.08
Total per NSF: \$591.40
Total annual operating costs: Unknown

Construction type

Structural: Cast-in-place concrete frame
Exterior walls: Drivot on concrete
Interior walls: Cast-in-place concrete, CMU block
Exterior surface or facade: Stucco
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 256
Dorms: 0

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 256
Current population: January 1992: 252

Inmate housing areas

Design: Modular/pod
Cells per unit: 64
Inmates per unit (design): 128
Inmates per unit (current): 128
Management type (design): Remote surveillance
Management type (current): Intermittent surveillance, direct supervision
Means to handle crowding: Beds in dayroom
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: State and local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Current staff

Full-time equivalent

Administration: 1
Security: 30
Programs and treatment: 6
Maintenance: 2
Total: 39
Current inmate/staff ratio: 6.5:1
Contracted services: Food

Architect's reported analysis

Factors affecting construction costs

Positive: Good competition
Negative: Slow construction and lengthy building time; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Coordination of design
Negative: Slow response or delivery from vendor/supplier; complex electronic, mechanical, and electrical systems

Cattaraugus County Jail

Responsible official: Sheriff, Cattaraugus County

Contact: Jerry E. Burrell, Sheriff, Cattaraugus County Jail, 301 Court Street, Little Valley, NY 14755, 716-938-9191

Architect: Habiterra Associates, 1279 North Main Street, P.O. Box 609, Jamestown, NY 14702-0609, 716-664-4710

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: Expansion
Building configuration: Courtyard
Complex use: N/A
Facility location: Suburb
Amount of land: Unknown

Dimensions

Total GSF: 57,821
Total NSF: 43,366
Corrections GSF: 33,536
Corrections NSF: 25,152
Housing area GSF: 30,258
Housing area NSF: 8,470
GSF per inmate (design): 438
GSF per inmate (current): Unknown
NSF per inmate (design): 328
NSF per inmate (current): Unknown
Size of cells: 70 (single)
Net/gross square feet: 75%

Inmate design capacity

General population

Single occupancy: 124
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 8
Double occupancy: 0
Dorms: 0

Total design: 132

Current population: Unknown

Inmate housing areas

Design: Modular/pod
Cells per unit: 12
Inmates per unit (design): 12
Inmates per unit (current): 12
Management type (design): Direct supervision
Management type (current): Direct supervision

Means to handle crowding: Beds in recreation room

Total officers per unit

Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Conventional design-bid-build

Finance method: Local general obligation bonds, fixed financing rate

Use of inmate labor: None

Use of prefabrication: Limited; precast concrete plank

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Epoxy coating, vinyl tile
Intercom: Two-way to common areas
HVAC: Heating/air circulation only, gas heat, forced air
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors for common areas, sprinklers for cells and common areas, manual alarm stations
Windows: Special security

Security

Perimeter: Building exterior only; costs included

Inmate security level

Maximum: 58%
Medium: 37%
Minimum: 5%

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Good competition, less expensive materials
Negative: Complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Coordination of design
Negative: Weather problems; complex electronic, mechanical, and electrical systems

Time

Groundbreaking: June 1991

Finish date: April 1993

Construction time: 22 months

Costs

Total: \$4,767,230

Building only: \$4,651,330

Final construction cost: Higher

Housing area: \$2,791,000

Housing per inmate: \$22,508

Housing per cell: \$22,508

Total per inmate: \$36,115

Total per GSF: \$82.45

Total per NSF: \$109.93

Total annual operating costs: Unknown

Construction type

Structural: Load-bearing CMU block

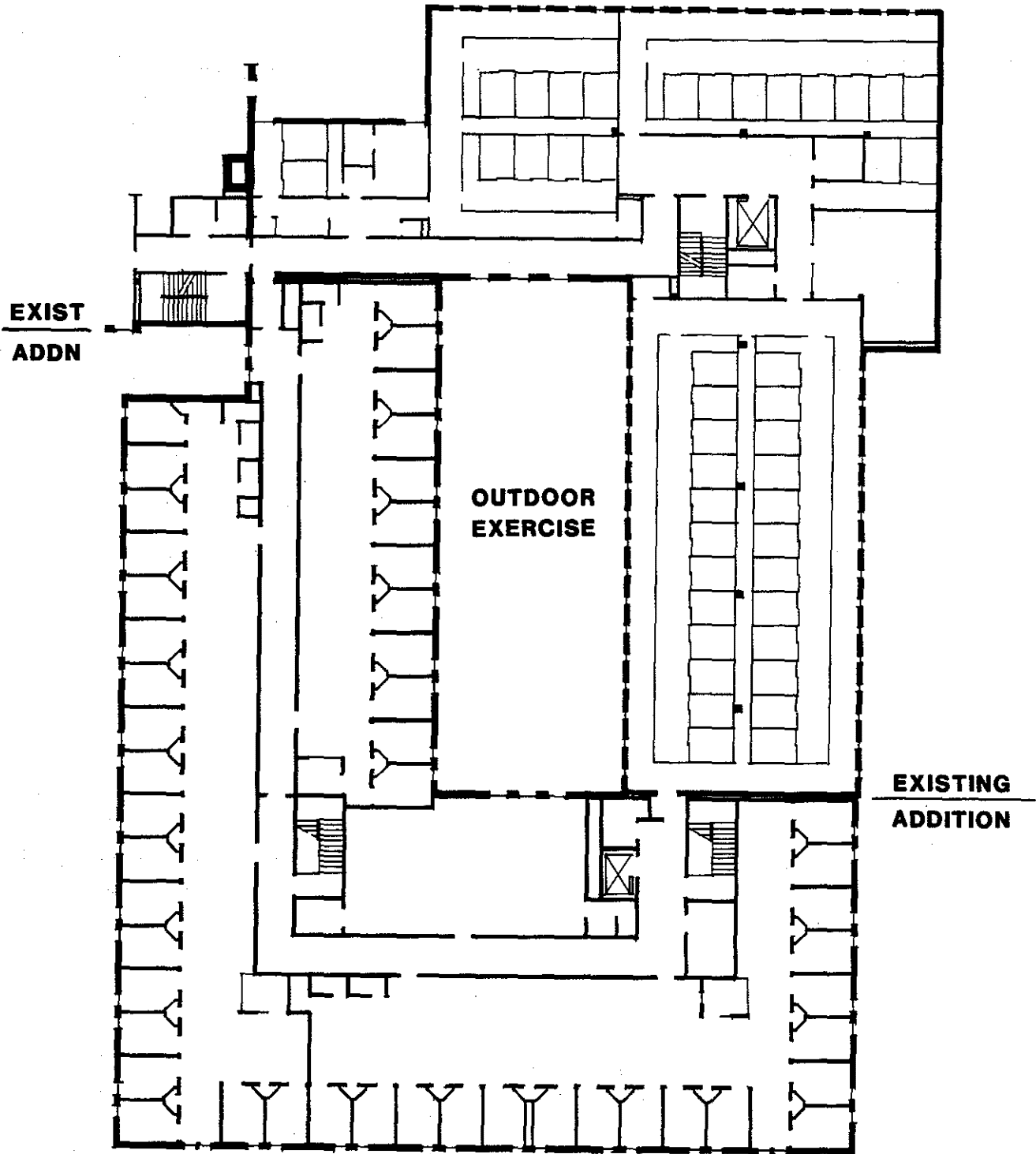
Exterior walls: CMU block

Interior walls: CMU block

Exterior surface or facade: Brick

Electronic technology systems: CCTV surveillance, staff intercommunication, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable

MAXIMUM SECURITY



MEDIUM SECURITY

Genesee County Jail

Responsible official: Genesee Sheriff, Genesee County

Contact: Robert Stevens, Chief Deputy, Genesee County Jail, 14 West Main Street, P.O. Box 151, Batavia, NY 14020-0151, 716-343-0911

Architect: Habitterra, 1279 North Main Street P.O. Box 609, Jamestown, NY 14702, 716-664-4710

Construction Manager: N/A

Facility type: County jail, complex (combined use)
Jurisdiction type: Federal, State, county, city
Commitment type: Pretrial, sentenced, inmates from other jurisdictions
Category: Expansion
Building configuration: Integrated structures
Complex use: Law enforcement
Facility location: Urban
Amount of land: 1 acre

Dimensions

Total GSF: 36,556
Total NSF: 26,837
Corrections GSF: 24,967
Corrections NSF: 18,725
Housing area GSF: 15,335
Housing area NSF: 11,501
GSF per inmate (design): 555
GSF per inmate (current): 454
NSF per inmate (design): 416
NSF per inmate (current): 340
Size of cells: 42 (single), 360 (dorm)
Net/gross square feet: 73%

Inmate design capacity

General population
Single occupancy: 30
Double occupancy: 0
Dorms: 12

Special population
Single occupancy: 3
Double occupancy: 0
Dorms: 0

Total design: 45
Current population: January 1992: 55

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 1
Inmates per unit (design): 3
Inmates per unit (current): Unknown
Management type (design): Intermittent surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: Transfer to another facility, beds in dayroom
Total officers per unit
Day: 6
Evening: 6
Midnight: 4

Construction process

Contract method: Conventional design-bid-build
Finance method: Local general obligation bonds, fixed financing rate
Use of inmate labor: None
Use of prefabrication: Limited; precast concrete plank flooring

Inmate cells

Door material(s): Aluminum
Type(s) of doors: Sliding
Type(s) of locks: Motor driven and remote locking
Floor surface: Epoxy coating
Intercom: One-way to common areas
HVAC: Forced air
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Manual alarm stations
Windows: Special security

Security

Perimeter: Building exterior only; costs included

Inmate security level

Maximum: 71%
Medium: 29%
Minimum: 0

Current staff

Full-time equivalent

Administration: 2
Security: 21
Programs and treatment: 7
Maintenance: 3
Total: 33
Current inmate/staff ratio: 1.7:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs

Positive: Good competition
Negative: Slow construction and lengthy building time

Factors affecting time schedule

Positive: Simple construction methods
Negative: General contractor went bankrupt

Time

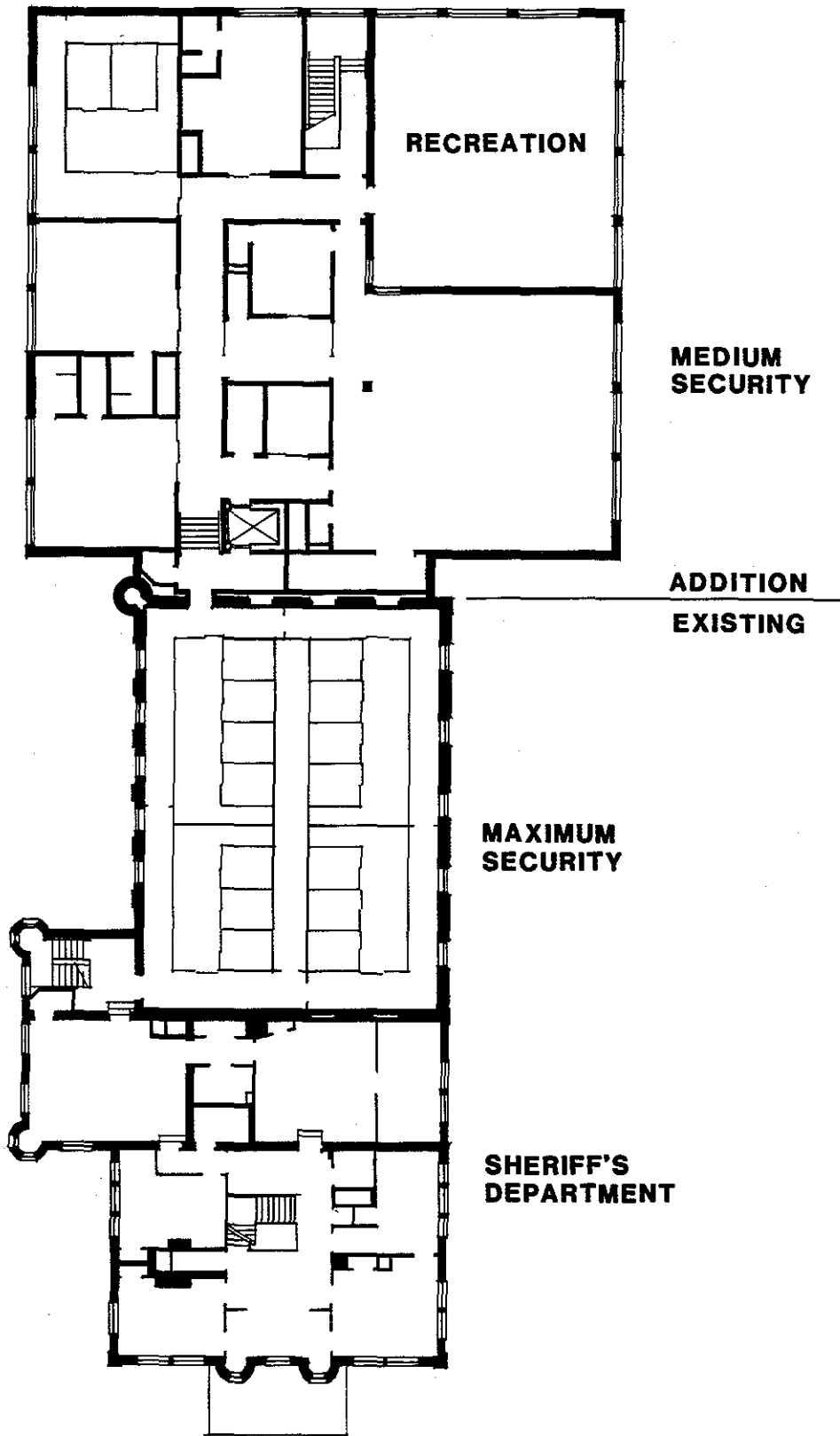
Groundbreaking: June 1984
Finish date: January 1987
Construction time: 30 months

Costs

Total: \$3,500,000
Building only: 2,500,000
Final construction cost: Higher
Housing area: \$1,600,000
Housing per inmate: \$35,555
Housing per cell: Unknown
Total per inmate: N/A
Total per GSF: \$95.74
Total per NSF: \$130.42
Total annual operating costs: \$1,212,279

Construction type

Structural: Steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: Brick
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, duress/fire alarm, door control/monitoring, satellite/cable



Metro Jefferson Public Safety Building

Responsible official: Sheriff, Jefferson County

Contact: Donald Newberry, Sheriff, Metro Jefferson Public Safety Building, 753 City Center Drive West, Watertown, NY 13601, 315-786-2660

Architect: Robertson Strong Apgar Architects, 1054 James Street, Syracuse, NY 13203, 315-472-7761

Construction Manager: N/A

Facility type: County jail, complex (combined use)
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Clusters
Complex use: Law enforcement, courts
Facility location: Urban
Amount of land: 20 acres

Dimensions

Total GSF: 115,800
Total NSF: 86,500
Corrections GSF: 68,600
Corrections NSF: 48,000
Housing area GSF: 43,700
Housing area NSF: 36,500
GSF per inmate (design): 379
GSF per inmate (current): 418
NSF per inmate (design): 265
NSF per inmate (current): 293
Size of cells: 80 (single)
Net/gross square feet: 75%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Two-way to common areas
HVAC: Gas heat, forced air
Plumbing: China, stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors for cells and common areas, sprinklers for common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: November 1989
Finish date: February 1992
Construction time: 26 months

Costs

Total: \$14,000,000
Building only: \$14,000,000
Final construction cost: Same
Housing area: \$7,600,000
Housing per inmate: \$46,341
Housing per cell: \$46,341
Total per inmate: N/A
Total per GSF: \$120.90
Total per NSF: \$161.85
Total annual operating costs: \$1,373,935

Construction type

Structural: Precast concrete plank on load-bearing CMU block
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population

Single occupancy: 164
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 17
Double occupancy: 0
Dorms: 0

Total design: 181
Current population: January 1992: 164

Inmate housing areas

Design: Modular/pod
Cells per unit: 32
Inmates per unit (design): 32
Inmates per unit (current): 32
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 7
Evening: 7
Midnight: 6

Construction process

Contract method: Conventional design-bid-build, multiple bid packages (fast track)
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only; costs excluded

Inmate security level

Maximum: 0
Medium: 100%
Minimum: 0

Current staff

Full-time equivalent

Administration: 8
Security: 52
Programs and treatment: 7
Maintenance: 4
Total: 71
Current inmate/staff ratio: 2.3:1
Contracted services: Unknown

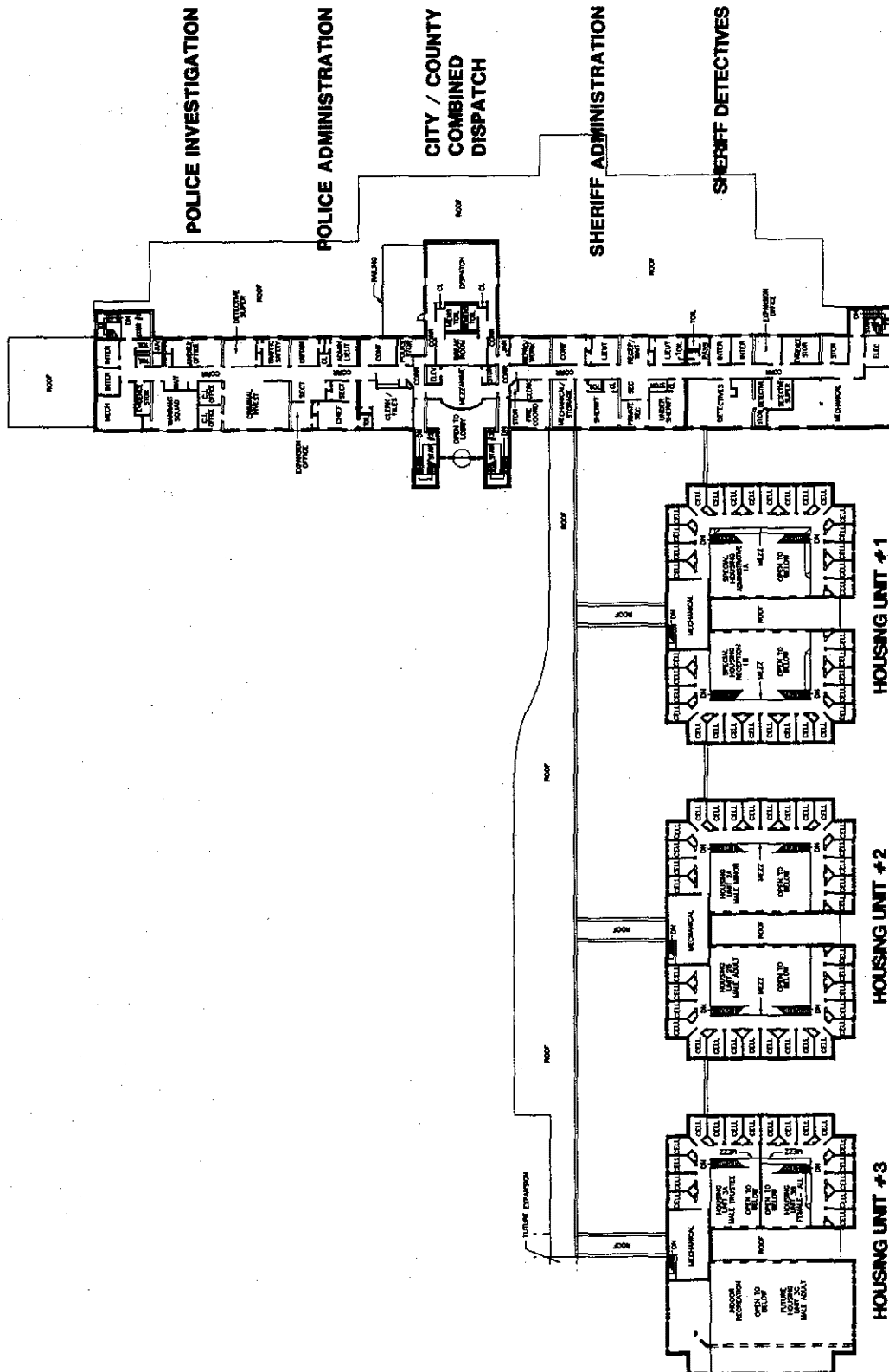
Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, phased construction (fast track); good competition; less expensive materials
Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Phased construction (fast track), advanced order of materials, coordination of design
Negative: Slow response or delivery from vendor/supplier



SECOND FLOOR PLAN

Saratoga County Law Enforcement Center

Responsible official: Sheriff, Saratoga County

Contact: James Bowen, Sheriff, Saratoga County Law Enforcement Center, 5010 County Farm Road, Ballston Spa, NY 12020, 518-885-5381

Architect: Rosser Justice Systems, 524 West Peachtree Street, Atlanta, GA 30308, 404-876-3800

Construction Manager: N/A

Facility type: County jail, complex (combined use)

Jurisdiction type: County

Commitment type: Pretrial

Category: Unknown

Building configuration: Integrated structure

Complex use: Law enforcement

Facility location: Unknown

Amount of land: Unknown

Dimensions

Total GSF: Unknown

Total NSF: Unknown

Corrections GSF: 104,000

Corrections NSF: 64,000

Housing area GSF: 94,000

Housing area NSF: 54,000

GSF per inmate (design): 619

GSF per inmate (current): Unknown

NSF per inmate (design): 381

NSF per inmate (current): Unknown

Size of cells: Unknown

Net/gross square feet: 62%

Inmate design capacity

General population

Single occupancy: 168

Double occupancy: 0

Dorms: 0

Special population

Single occupancy: 0

Double occupancy: 0

Dorms: 0

Total design: 168

Current population: Unknown

Inmate housing areas

Design: Modular/pod

Cells per unit: Unknown

Inmates per unit (design): Unknown

Inmates per unit (current): Unknown

Management type (design): Remote surveillance

Management type (current): Unknown

Means to handle crowding: Unknown

Total officers per unit

Day: Unknown

Evening: Unknown

Midnight: Unknown

Construction process

Contract method: Conventional design-bid-build

Finance method: Local general obligation bonds

Use of inmate labor: None

Use of prefabrication: None

Inmate cells

Door material(s): Steel

Type(s) of doors: Swinging

Type(s) of locks: Remote locking only

Floor surface: Sealed concrete

Intercom: Two-way to common areas, inmate duress alarm, general paging throughout

HVAC: Air-conditioning, gas heat, forced air

Plumbing: China

Furniture: Steel

Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations

Windows: Slit

Security

Perimeter: Building exterior only, double fence, perimeter detection/alarm; costs included

Inmate security level

Maximum: 38%

Medium: 62%

Minimum: 0

Current staff

Full-time equivalent

Administration: Unknown

Security: Unknown

Programs and treatment: Unknown

Maintenance: Unknown

Total: Unknown

Current inmate/staff ratio: Unknown

Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, less expensive materials

Negative: High labor costs

Factors affecting time schedule

Positive: Simple construction methods

Negative: Labor problems, weather problems

Time

Groundbreaking: October 1986

Finish date: April 1988

Construction time: 19 months

Costs

Total: \$10,000,000

Building only: \$9,200,000

Final construction cost: Higher

Housing area: \$7,000,000

Housing per inmate: \$41,667

Housing per cell: \$41,667

Total per inmate: N/A

Total per GSF: \$96.15

Total per NSF: \$156.25

Total annual operating costs: Unknown

Construction type

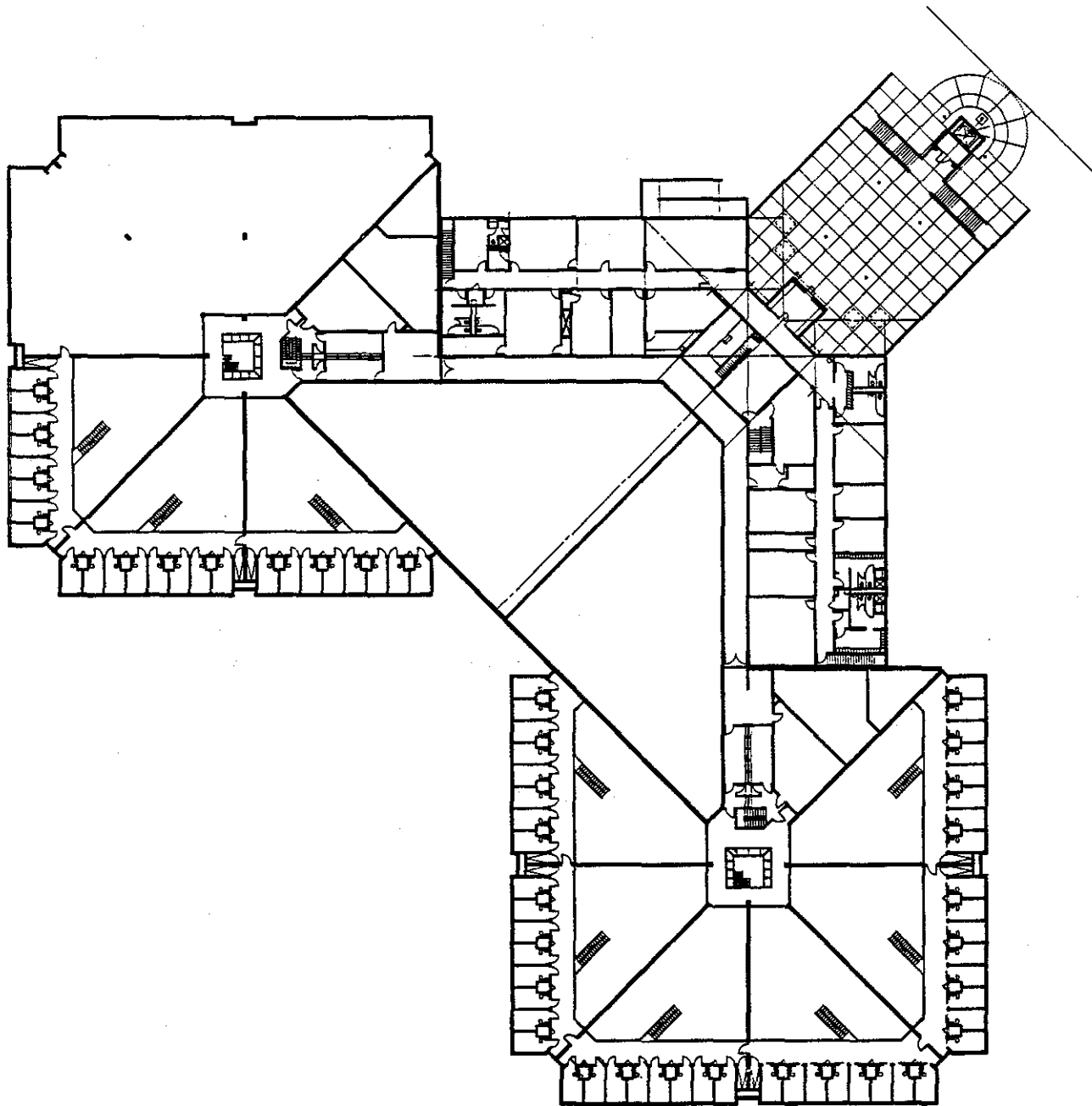
Structural: Steel frame, cast-in-place concrete frame, load-bearing CMU block

Exterior walls: CMU block

Interior walls: CMU block

Exterior surface or facade: EIFS

Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm, satellite/cable, metal detection, watch tower system



Duplin County Jail

Responsible official: Sheriff, Duplin County

Contact: Jesse Scott, Sergeant, Duplin County Jail, P.O. Box 206, NC 11 South, Kenansville, NC 28349, 919-296-2150

Architect: Ron Webb (out of business)

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County, State
Commitment type: Pretrial, sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Suburb
Amount of land: Unknown

Dimensions

Total GSF: 2,400
Total NSF: 2,400
Corrections GSF: 2,400
Corrections NSF: 2,400
Housing area GSF: 2,400
Housing area NSF: 2,400
GSF per inmate (design): 60
GSF per inmate (current): 160
NSF per inmate (design): 60
NSF per inmate (current): 160
Size of cells: N/A
Net/gross square feet: N/A

Inmate cells

Door material(s): Unknown
Type(s) of doors: Unknown
Type(s) of locks: Unknown
Floor surface: Sealed concrete
Intercom: N/A
HVAC: Heating/air circulation, forced air
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for dorms and common areas
Windows: No bars

Security

Perimeter: Single fence, perimeter detection/alarm, razor wire on fence(s); costs included

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 0
Security: 4
Programs and treatment: 0
Maintenance: 0
Total: 4
Current inmate/staff ratio: 3.8:1
Contracted services: None

Architect's reported analysis

Factors affecting construction costs

Positive: Good competition
Negative: N/A

Factors affecting time schedule

Positive: Simple construction methods
Negative: N/A

Time

Groundbreaking: September 1989
Finish date: March 1991
Construction time: 18 months

Costs

Total: \$125,000
Building only: \$125,000
Final construction cost: Unknown
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$3,125
Total per GSF: \$52.08
Total per NSF: \$52.08
Total annual operating costs: Unknown

Construction type

Structural: Steel frame
Exterior walls: Metal building
Interior walls: Metal, sheet rock
Electronic technology systems: Duress/fire alarm, door control/monitoring, perimeter detection/alarm

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 40

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 40

Current population: December 1992: 15

Inmate housing areas

Design: Dormitory
Cells per unit: 1
Inmates per unit (design): 40
Inmates per unit (current): 15
Management type (design): Direct supervision
Management type (current): Remote surveillance
Means to handle crowding: N/A
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Turnkey design-build
Finance method: County tax
Use of inmate labor: None
Use of prefabrication: None

(No floorplan available at time of publication)

Durham County Jail Annex

Responsible official: Sheriff, Durham County

Contact: Director Cote, Durham County Jail Annex, 300 East Main Street, Durham, NC 27701, 919-560-0910

Architect: O'Brien Atkins Associates, P.O. Box 12037, Research Triangle Park, NC 27709, 919-941-9000

Construction Manager: Davidson and Jones Construction, P.O. Box 19067, Raleigh, NC 27619, 919-828-6260

Facility type: County jail
Jurisdiction type: State, county
Commitment type: Pretrial, sentenced
Category: Conversion
Building configuration: Integrated structure
Complex use: N/A
Facility location: Urban
Amount of land: .43 acre

Dimensions

Total GSF: 42,000
Total NSF: 40,000
Corrections GSF: 42,000
Corrections NSF: 40,000
Housing area GSF: 38,000
Housing area NSF: 36,800
GSF per inmate (design): 259
GSF per inmate (current): 359
NSF per inmate (design): 247
NSF per inmate (current): 342
Size of cells: 8,100 (dorm)
Net/gross square feet: 95%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote and manual locking
Floor surface: Carpet
Intercom: Unknown
HVAC: Air-conditioning, heating, forced air
Plumbing: China
Furniture: Vinyl/plastic
Fire protection: Unknown
Windows: Special security

Time

Groundbreaking: January 1990
Finish date: September 1990
Construction time: 9 months

Costs

Total: \$2,300,000
Building only: Unknown
Final construction cost: Lower
Housing area: \$2,000,000
Housing per inmate: \$12,346
Housing per cell: \$400,000
Total per inmate: \$14,198
Total per GSF: \$54.76
Total per NSF: \$57.50
Total annual operating costs: \$3,265,430

Construction type

Structural: Preexisting cast-in-place concrete frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: Stucco, CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 162

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 162

Current population: January 1992: 117

Inmate housing areas

Design: Unknown
Cells per unit: 1
Inmates per unit (design): 32
Inmates per unit (current): 32
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Transfer to another facility, mattresses on floor
Total officers per unit
Day: 18
Evening: Unknown
Midnight: 18

Construction process

Contract method: Conventional design-bid-build
Finance method: Emergency mandate
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Costs excluded
Inmate security level
Maximum: Unknown
Medium: Unknown
Minimum: Unknown

Current staff

Full-time equivalent

Administration: 4
Security: 151
Programs and treatment: 7
Maintenance: 1
Total: 163
Current inmate/staff ratio: 1:1
Contracted services: Medical, food

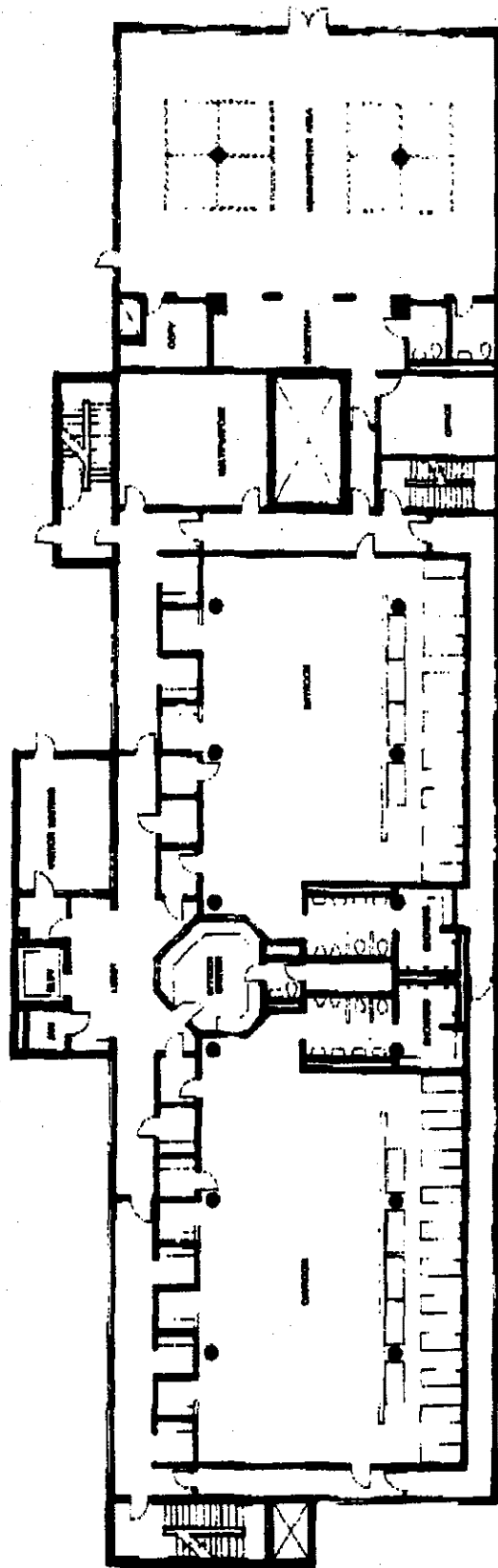
Architect's reported analysis

Factors affecting construction costs

Positive: N/A
Negative: Government procedures and regulations, site conditions

Factors affecting time schedule

Positive: Simple construction methods, phased construction; coordination of design
Negative: N/A



FLOOR PLAN

Wake County Public Safety Center

Responsible official: Sheriff, Wake County

Contact: John H. Baker, Jr., Sheriff, Wake County Public Safety Center, Salsbury Street, Raleigh, NC 27602, 919-856-6900

Architect: O'Brien Atkins Associates, P.O. Box 12037, Research Triangle Park, NC 27709, 919-941-9000

Construction Manager: Davidson and Jones, P.O. Box 19067, Raleigh, NC 27619

Facility type: County jail, complex (combined use)
Jurisdiction type: County, city
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure, highrise
Complex use: Law enforcement, courts, Bureau of Identification, EMS, Fire Marshal
Facility location: Urban
Amount of land: 2 acres

Dimensions

Total GSF: 231,060
Total NSF: 176,500
Corrections GSF: 195,600
Corrections NSF: 110,000
Housing area GSF: 114,720
Housing area NSF: 67,860
GSF per inmate (design): 408
GSF per inmate (current): 394
NSF per inmate (design): 229
NSF per inmate (current): 221
Size of cells: 70 (single)
Net/gross square feet: 76%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking
Floor surface: Sealed concrete
Intercom: Two-way to cells and common areas
HVAC: Forced air
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Special security

Time

Groundbreaking: N/A
Finish date: July 1991
Construction time: 42 months

Costs

Total: \$56,000,000
Building only: \$41,000,000
Final construction cost: Unknown
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: N/A
Total per GSF: \$242.36
Total per NSF: \$317.28
Total annual operating costs: \$8,000,000

Construction type

Structural: Cast-in-place concrete frame
Exterior walls: Precast panels
Interior walls: CMU block
Exterior surface or facade: Textured concrete
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, satellite/cable

Inmate design capacity

General population

Single occupancy: 456
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 24
Double occupancy: 0
Dorms: 0

Total design: 480

Current population: January 1993: 497

Inmate housing areas

Design: Modular/pod
Cells per unit: 24
Inmates per unit (design): 24
Inmates per unit (current): 24
Management type (design): Remote surveillance

Management type (current): Direct supervision

Means to handle crowding: Transfer to another facility, mattresses on floor

Total officers per unit

Day: 4
Evening: 3
Midnight: 3

Construction process

Contract method: Multiple bid packages (fast track)

Finance method: Local general obligation bonds

Use of inmate labor: None

Use of prefabrication: None

Security

Perimeter: Building exterior only; costs included

Inmate security level

Maximum: 100%
Medium: 0
Minimum: 0

Current staff

Full-time equivalent

Administration: 4
Security: 185
Programs and treatment: 28
Maintenance: 2
Total: 219

Current inmate/staff ratio: 2.3:1

Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

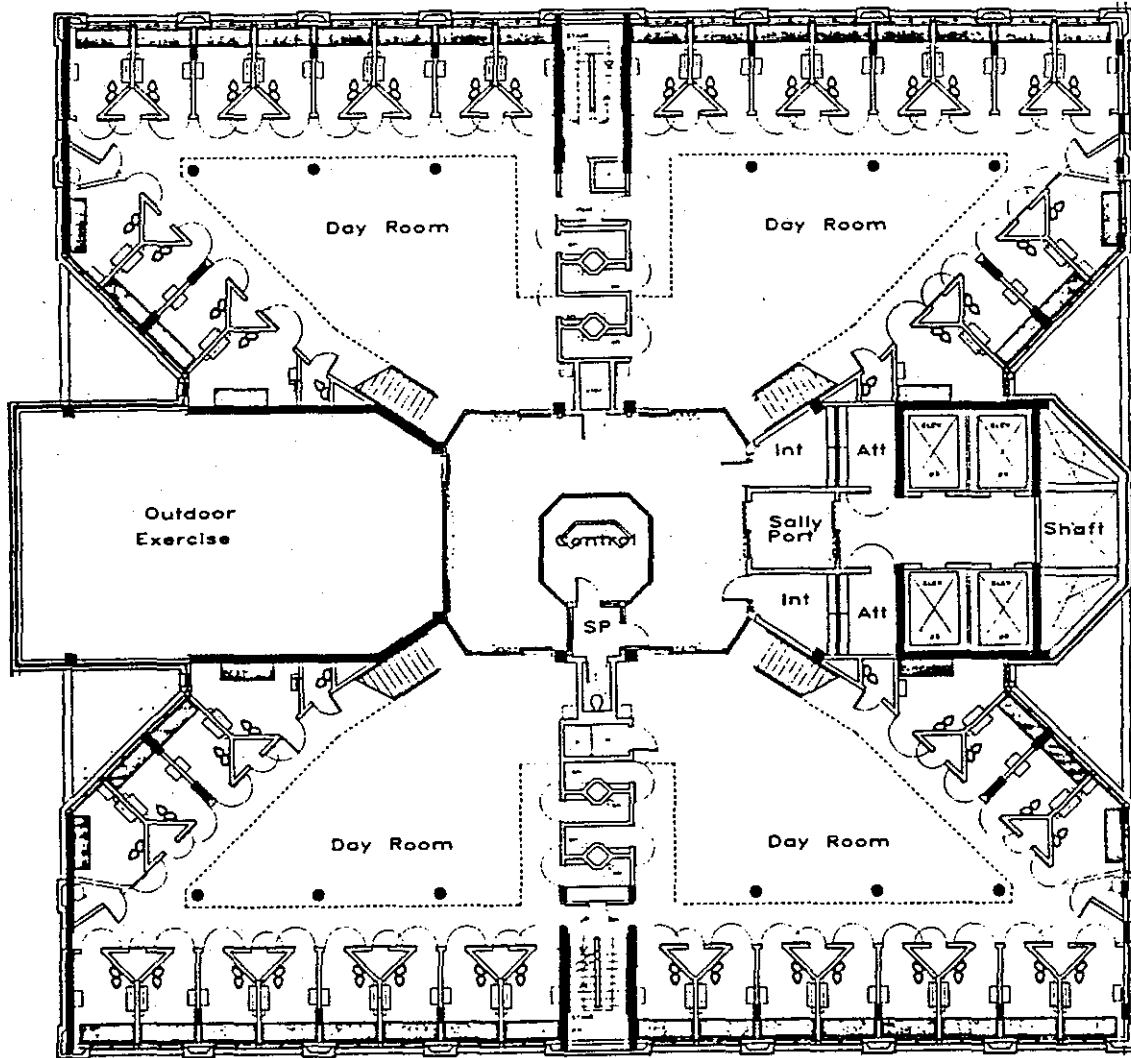
Positive: Simple construction methods, good competition

Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems

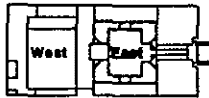
Factors affecting time schedule

Positive: Simple construction methods

Negative: N/A



Typical Housing
East Fifth-Ninth Levels Floor Plan



Grafton Correctional Institution

Responsible official: Director, Ohio Department of Rehabilitation and Correction

Contact: Carl Anderson, Warden, Grafton Correctional Institution, 2500 South Avon Belden Road, Grafton, OH 44044, 216-748-1161

Architect: Robert P. Madison International, 2930 Euclid Avenue, Cleveland, OH 44115, 216-861-8195

Construction Manager: Heery/Ozanne, 1635 East 25th Street, Cleveland, OH 44114, 216-696-2876

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 80 acres

Dimensions

Total GSF: 285,404
Total NSF: 228,370
Corrections GSF: 285,404
Corrections NSF: 228,370
Housing area GSF: 116,480
Housing area NSF: 93,844
GSF per inmate (design): 540
GSF per inmate (current): 294
NSF per inmate (design): 432
NSF per inmate (current): 235
Size of cells: 75 (single)
Net/gross square feet: 80%

Inmate design capacity

General population

Single occupancy: 496
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 32
Double occupancy: 0
Dorms: 0

Total design: 528

Current population: December 1992: 1,100

Inmate housing areas

Design: Modular/pod
Cells per unit: 124
Inmates per unit (design): 124
Inmates per unit (current): Unknown
Management type (design): Direct supervision

Management type (current): Direct supervision

Means to handle crowding: Bunk beds in cells, mattresses in gymnasium

Total officers per unit

Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build

Finance method: Capital Improvement
State House Bill 530

Use of inmate labor: None
Use of prefabrication: None

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Unknown
Floor surface: Carpet, sealed concrete, vinyl tile
Intercom: Two-way to cells and common areas, inmate duress alarm
HVAC: Gas heat, forced air
Plumbing: China, stainless steel combination unit
Furniture: Steel, wood, vinyl/plastic
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Standard and bars, security screens

Security

Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on and between fence(s), video camera surveillance; costs included

Inmate security level

Maximum: 0
Medium: 100%
Minimum: 0

Current staff

Full-time equivalent

Administration: 63
Security: 157
Programs and treatment: 27
Maintenance: 33
Total: 280

Current inmate/staff ratio: 3.9:1

Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs

Positive: N/A
Negative: N/A

Factors affecting time schedule

Positive: N/A
Negative: N/A

Time

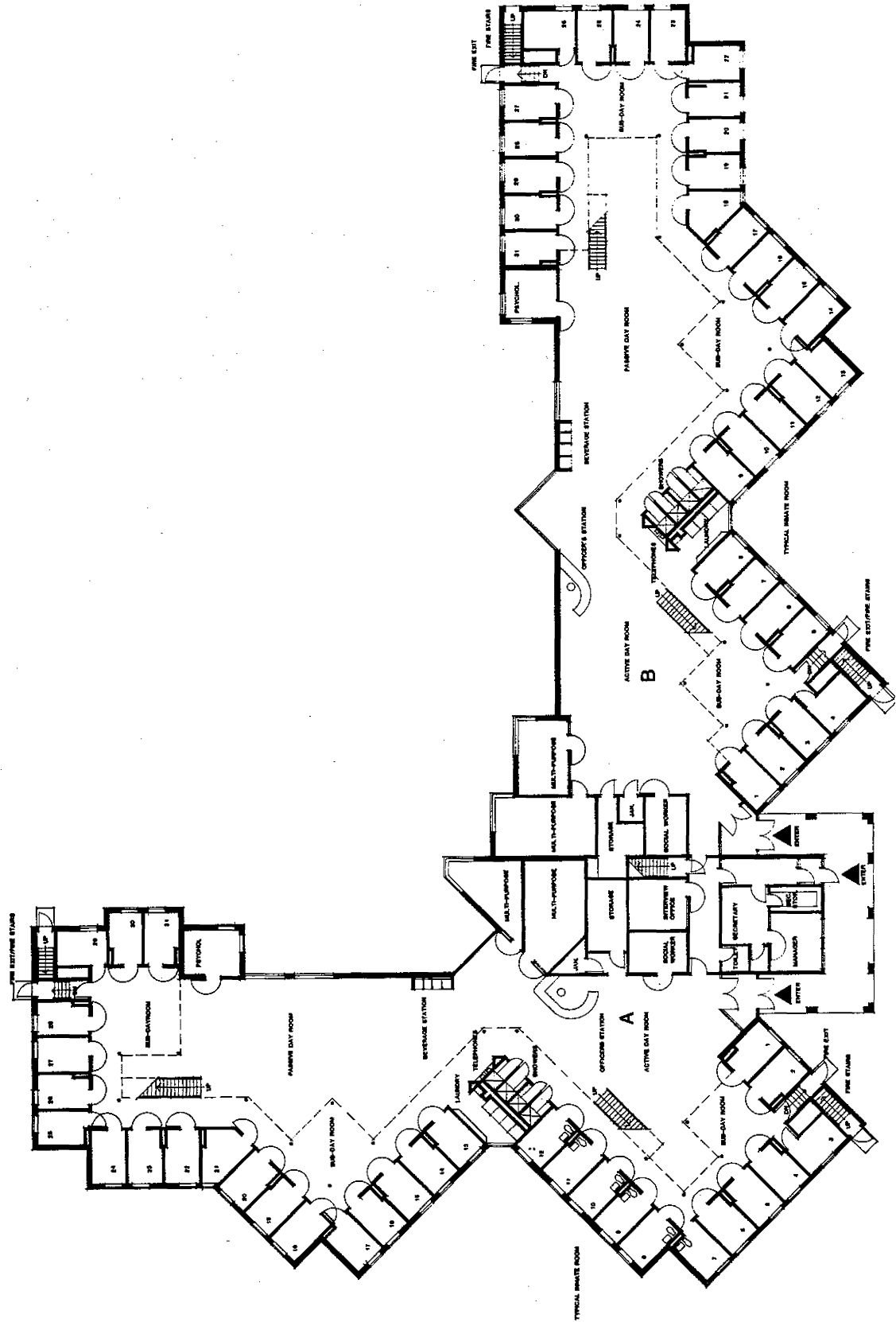
Groundbreaking: May 1986
Finish date: October 1988
Construction time: 29 months

Costs

Total: \$30,000,000
Building only: Unknown
Final construction cost: Higher
Housing area: \$12,000,000
Housing per inmate: \$24,194
Housing per cell: \$22,727
Total per inmate: \$56,818
Total per GSF: \$105.11
Total per NSF: \$131.37
Total annual operating costs: \$13,500,000

Construction type

Structural: Steel frame, load-bearing masonry
Exterior walls: CMU block, brick, metal roofing
Interior walls: CMU block
Exterior surface or facade: Brick
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, perimeter detection/alarm, satellite/cable



Lorain Correctional Institution

Responsible official: Director, Ohio Department of Rehabilitation and Correction

Contact: Terry Collins, Warden, Lorain Correctional Institution, 2075 South Avon Belden Road, Grafton, OH 44044, 216-748-1049

Architect: Richard Bowen and Associates, Incorporated, 13000 Shaker Boulevard, Cleveland, OH 44120, 216-491-9300

Construction Manager: Turner Construction, 100 Erieview Tower, Cleveland, OH 44114, 216-522-1180

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (independent facility), phased project (future)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 110 acres

Dimensions

Total GSF: 348,430
Total NSF: 197,200
Corrections GSF: 348,430
Corrections NSF: 197,200
Housing area GSF: 182,286
Housing area NSF: 107,682
GSF per inmate (design): 173
GSF per inmate (current): 176
NSF per inmate (design): 98
NSF per inmate (current): 100
Size of cells: 35 (double)
Net/gross square feet: 57%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: No intercom system
HVAC: Heating/air circulation, gas heat
Plumbing: Stainless steel, china
Furniture: Steel
Fire protection: Sprinklers for cells and common areas
Windows: Standard and bars

Security

Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on and between fence(s), video camera surveillance; costs excluded

Inmate security level

Maximum: 11%
Medium: 75%
Minimum: 6%
Short-term holds and medical: 8%

Current staff

Full-time equivalent

Administration: 44
Security: 171
Programs and treatment: 42
Maintenance: 14
Total: 271

Current inmate/staff ratio: 7.3:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, phased construction (fast track)
Negative: Slow construction and lengthy building time, high labor costs, government procedures and regulations

Factors affecting time schedule

Positive: Simple construction methods, phased construction (fast track); advanced order of materials; coordination of design
Negative: Slow response or delivery from vendor/supplier, labor problems, weather problems, government procedures and regulations, obsolete materials, work done out of order

Time

Groundbreaking: April 1987
Finish date: April 1990
Construction time: 36 months

Costs

Total: \$40,000,000
Building only: \$31,000,000
Final construction cost: Higher
Housing area: \$18,226,123
Housing per inmate: \$9,256
Housing per cell: \$24,301
Total per inmate: \$19,860
Total per GSF: \$114.80
Total per NSF: \$202.84
Total annual operating costs: \$14,639,193

Construction type

Structural: Steel frame, load-bearing precast columns, cast concrete
Exterior walls: Concrete block with brick overlay
Interior walls: Precast columns, concrete block
Exterior surface or facade: Brick, stucco
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm, satellite/cable

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 1,969
Dorms: 0

Special population

Single occupancy: 9
Double occupancy: 36
Dorms: 0
Total design: 2,014
Current population: December 1991: 1,976

Inmate housing areas

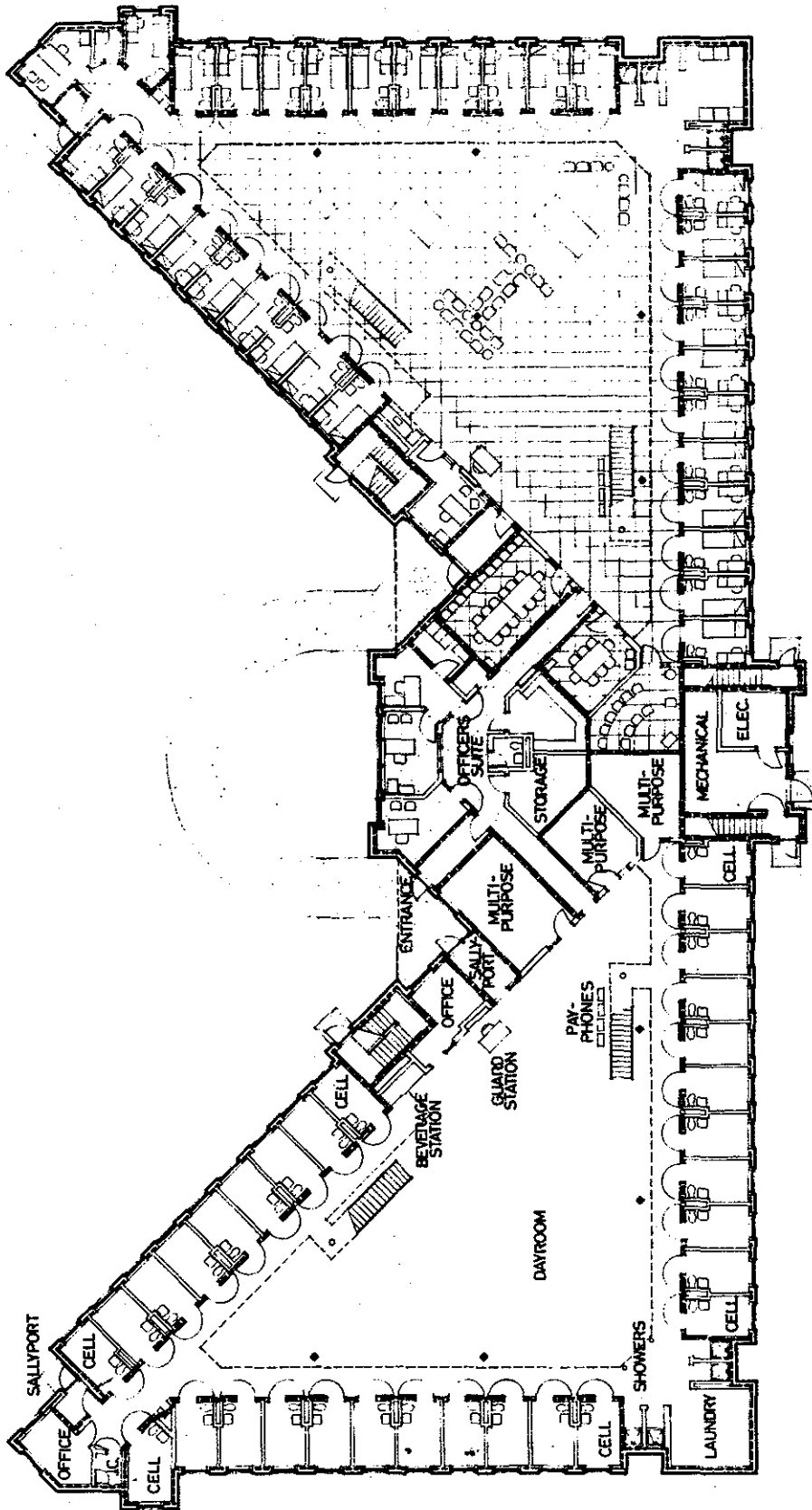
Design: Modular/pod
Cells per unit: 124
Inmates per unit (design): 248
Inmates per unit (current): 248
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Transfer to another facility, bunk beds in cells, beds in dayroom

Total officers per unit

Day: 4
Evening: 4
Midnight: 4

Construction process

Contract method: Conventional design-bid-build
Finance method: Unknown
Use of inmate labor: None
Use of prefabrication: None



CLOSE SECURITY HOUSING FIRST FLOOR PLAN

Northwest Ohio Regional Jail

Responsible official: Director, Corrections Commission of Northwest Ohio, William County

Contact: Jim Dennis, Executive Director, Northwest Ohio Regional Jail, 03151 Road 24.25, Route 1, Box 100-A, Stryker, OH 43557, 419-428-3800

Architect: Rosser Justice Systems, 524 West Peachtree Street, Atlanta, GA 30308, 404-876-3800

Construction Manager: Unknown

Facility type: Regional jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Courtyard
Complex use: N/A
Facility location: Rural
Amount of land: 46 acres

Time

Groundbreaking: July 1988
Finish date: November 1990
Construction time: 30 months

Costs

Total: \$15,000,000
Building only: \$14,300,000
Final construction cost: Higher
Housing area: \$9,700,000
Housing per inmate: \$20,464
Housing per cell: Unknown
Total per inmate: \$29,528
Total per GSF: \$84.27
Total per NSF: \$130.43
Total annual operating costs: \$9,326,109

Construction type

Structural: Steel frame, cast-in-place concrete frame, modular metal cells, load-bearing CMU block
Exterior walls: CMU block
Interior walls: Cast-in-place concrete, CMU block
Exterior surface or facade: Brick, CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable, remote arraignment court, metal detection, watch tower system

Dimensions

Total GSF: 178,000
Total NSF: 115,000
Corrections GSF: 178,000
Corrections NSF: 115,000
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 350
GSF per inmate (current): 390
NSF per inmate (design): 226
NSF per inmate (current): 252
Size of cells: 80 (single)
Net/gross square feet: 65%

Inmate design capacity

General population
Single occupancy: 174
Double occupancy: 0
Dorms: 300
Special population
Single occupancy: 14
Double occupancy: 0
Dorms: 20
Total design: 508
Current population: April 1993: 456

Inmate housing areas

Design: Modular/pod
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): 45
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Administrative release
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Multiple bid packages (fast track)
Finance method: Cost shared by local jurisdictions
Use of inmate labor: None
Use of prefabrication: Limited; hollow-core floor and ceiling panels

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: General paging throughout
HVAC: Air-conditioning, gas heat, forced air
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Security

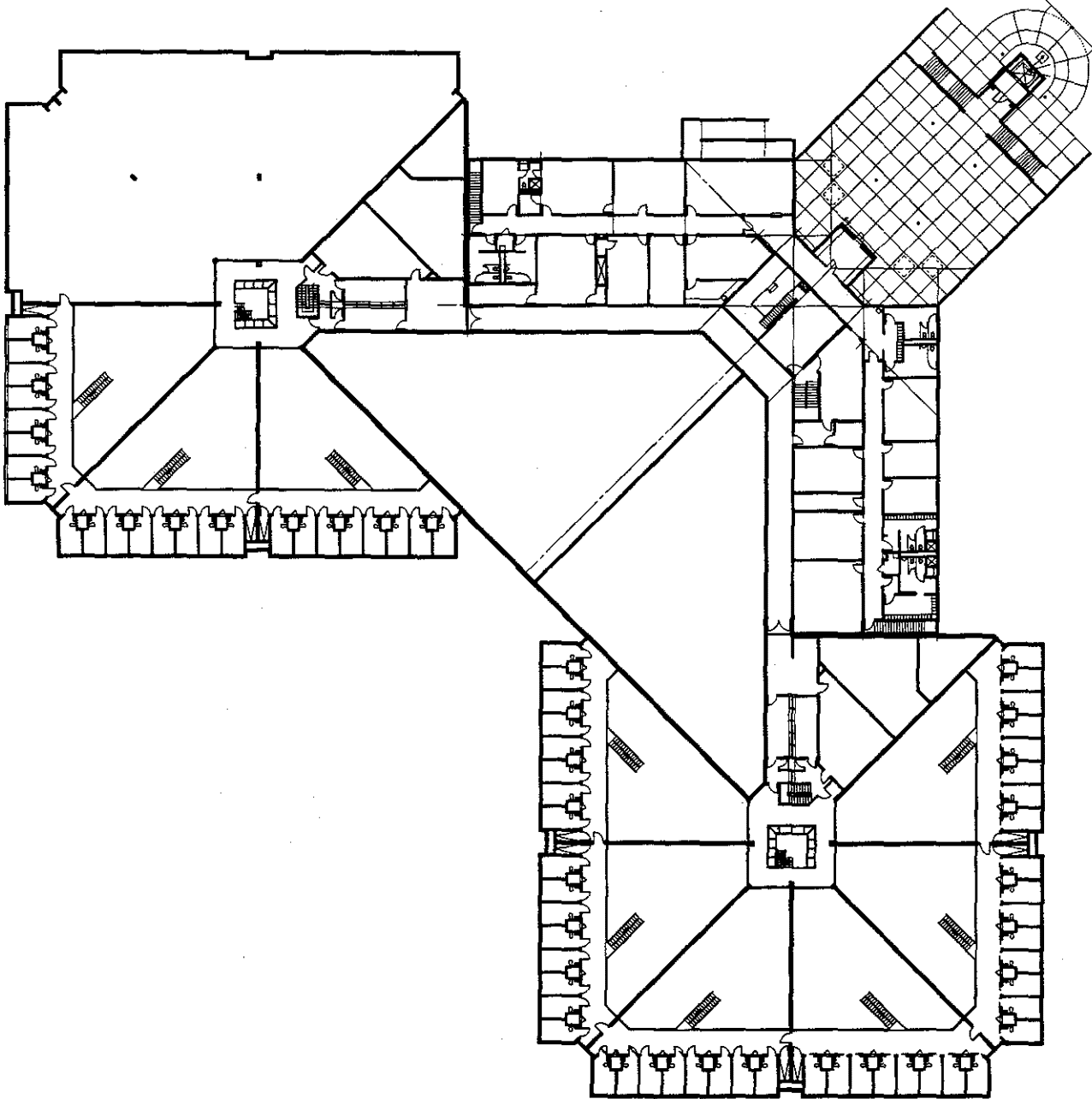
Perimeter: Single fence, razor wire on fence(s), video camera surveillance; costs included
Inmate security level
Maximum: 10%
Medium: 26%
Minimum: 64%

Current staff

Full-time equivalent
Administration: 8
Security: 126
Programs and treatment: 29
Maintenance: 5
Total: 168
Current inmate/staff ratio: 2.7:1
Contracted services: Medical, mental health

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods
Negative: High labor costs
Factors affecting time schedule
Positive: Prefabricated components; simple construction methods, phased construction (fast track)
Negative: Slow response or delivery from vendor/supplier, weather problems



Warren Correctional Institution

Responsible official: Director, Ohio Department of Rehabilitation and Correction

Contact: Anthony Brigano, Warden, Warren Correctional Institution, 5787 State Route 63, P.O. Box 120, Lebanon, OH 45036, 513-932-3388

Architect: Lorenz & Williams, Inc., 120 West Third Street, Dayton, OH 45402-1819, 513-223-6500

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 45

Dimensions

Total GSF: 396,795
Total NSF: Unknown
Corrections GSF: 396,795
Corrections NSF: Unknown
Housing area GSF: 192,381
Housing area NSF: Unknown
GSF per inmate (design): 511
GSF per inmate (current): 284
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: Unknown
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Motor driven and remote locking, manual locking
Floor surface: Sealed concrete, vinyl tile
Intercom: Inmate duress alarm
HVAC: Heating/air circulation only, gas heat
Plumbing: Stainless steel, china
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas
Windows: Standard and bars

Time

Groundbreaking: July 1986
Finish date: August 1989
Construction time: 37 months

Costs

Total: \$33,067,000
Building only: \$28,504,095
Final construction cost: Unknown
Housing area: \$14,465,259
Housing per inmate: \$20,724
Housing per cell: \$24,110
Total per inmate: \$42,612
Total per GSF: \$83.34
Total per NSF: Unknown
Total annual operating costs: \$13,649,879

Construction type

Structural: Precast concrete frame, CMU block (walls) P.C.C. (floors)
Exterior walls: CMU block, brick
Interior walls: CMU block
Exterior surface or facade: Brick
Electronic technology systems: Lighting protection, staff intercommunication, duress/fire alarm, door control/monitoring

Inmate design capacity

General population
Single occupancy: 598
Double occupancy: 0
Dorms: 100
Special population
Single occupancy: 78
Double occupancy: 0
Dorms: 0
Total design: 776
Current population: March 1993: 1,399

Inmate housing areas

Design: Modular/pod
Cells per unit: 62
Inmates per unit (design): 62
Inmates per unit (current): 124
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Bunk beds in cells
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Multiple prime contracts
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: Limited; precast concrete floors, roofs

Security

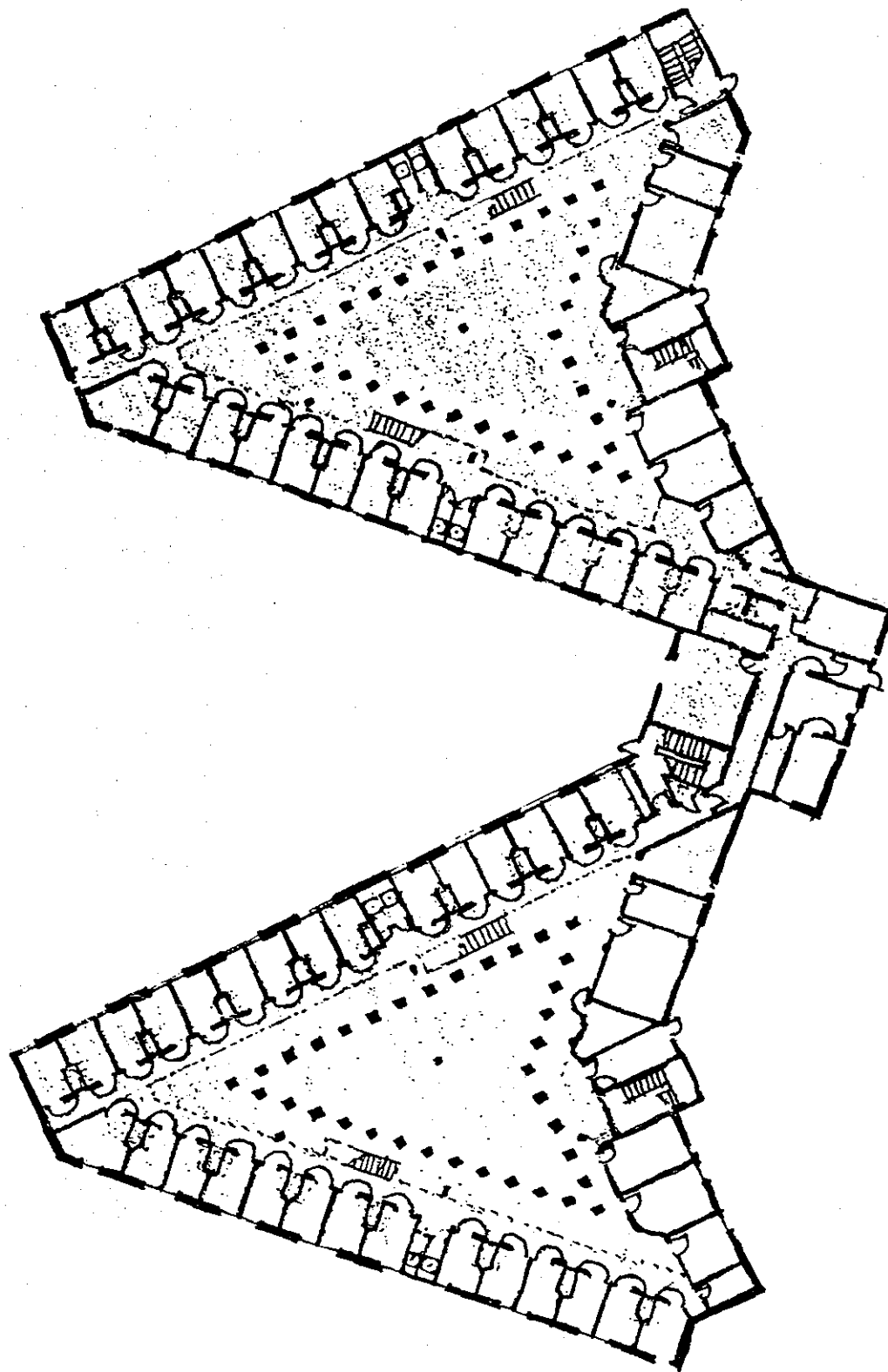
Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on fence(s); costs included
Inmate security level
Maximum: 3%
Medium: 3%
Minimum: 10%
Close security: 84%

Current staff

Full-time equivalent
Administration: 52
Security: 172
Programs and treatment: 36
Maintenance: 23
Total: 283
Current inmate/staff ratio: 4.9:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, good competition
Negative: Slow construction and lengthy building time, high labor costs
Factors affecting time schedule
Positive: Simple construction methods
Negative: Slow response or delivery from vendor/supplier



Federal Correctional Institution—Sheridan

Responsible official: Director, Federal Bureau of Prisons

Contact: Joe Crabtree, Warden, Federal Correctional Institution—Sheridan, P.O. Box 5001, 27072 Ballston Road, Sheridan, OR 97378, 503-843-4442

Architect: Zimmer Gunsul Frasca Partnership, 1191 Second Avenue, Suite 800, Seattle, WA 98101, 206-623-9414

Construction Manager: N/A

Facility type: Federal prison
Jurisdiction type: Federal
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Suburb
Amount of land: 100 acres

Dimensions

Total GSF: 471,789
Total NSF: 322,414
Corrections GSF: 471,789
Corrections NSF: 322,414
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 359
GSF per inmate (current): 266
NSF per inmate (design): 245
NSF per inmate (current): 182
Size of cells: 77 (single and double)
Net/gross square feet: 68%

Inmate cells

Door material(s): Wood
Type(s) of doors: Swinging
Type(s) of locks: Manual locking
Floor surface: Vinyl tile
Intercom: N/A
HVAC: Air-conditioning, gas heat
Plumbing: China
Furniture: Wood
Fire protection: Smoke detectors for cells
and common areas, sprinklers for common
areas, manual alarm stations
Windows: Standard and bars

Time

Groundbreaking: August 1987
Finish date: June 1989
Construction time: 24 months

Costs

Total: 51,400,000
Building only: 42,700,000
Final construction cost: Lower
Housing area: \$16,602,989
Housing per inmate: 13,094
Housing per cell: Unknown
Total per inmate: 39,058
Total per GSF: 108.95
Total per NSF: 159.42
Total annual operating costs: 19,500,000

Construction type

Structural: Load-bearing precast panels,
steel frame
Exterior walls: Precast panels, CMU block
Interior walls: Precast panels, CMU block
Exterior surface or facade: Natural wall,
CMU block, metal panels, wood
Electronic technology systems: Paging and
sound system, duress/fire alarm, door
control/monitoring, custom control panels,
perimeter detection/alarm

Inmate design capacity

General population

Single occupancy: 256
Double occupancy: 512
Dorms: 500

Special population

Single occupancy: 48
Double occupancy: 0
Dorms: 0

Total design: 1,316

Current population: May 1993: 1,773

Inmate housing areas

Design: Modular/pod
Cells per unit: 128
Inmates per unit (design): 192
Inmates per unit (current): 317
Management type (design): Direct
supervision
Management type (current): Direct
supervision
Means to handle crowding: Bunk beds in
cells, transfer to another facility
Total officers per unit
Day: 2
Evening: 2
Midnight: 1

Construction process

Contract method: Conventional design-bid-
build
Finance method: Federal funds
Use of inmate labor: None
Use of prefabrication: Moderate; precast
concrete, inmate cells

Security

Perimeter: Double fence, perimeter patrols
and detection/alarm, razor wire on and
between fence(s), video camera
surveillance; costs excluded

Inmate security level

Maximum: 0
Medium: 75%
Minimum: 25%

Current staff

Full-time equivalent

Administration: 45
Security: 129
Programs and treatment: 136
Maintenance: 25
Total: 335
Current inmate/staff ratio: 5.3:1
Contracted services: Unknown

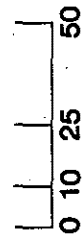
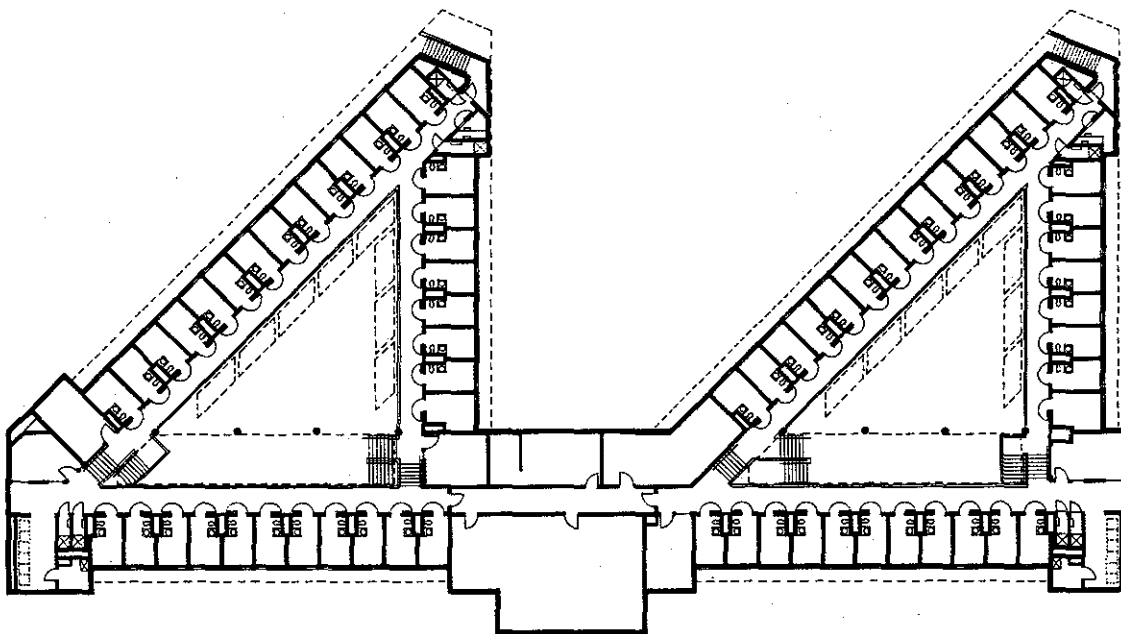
Architect's reported analysis

Factors affecting construction costs

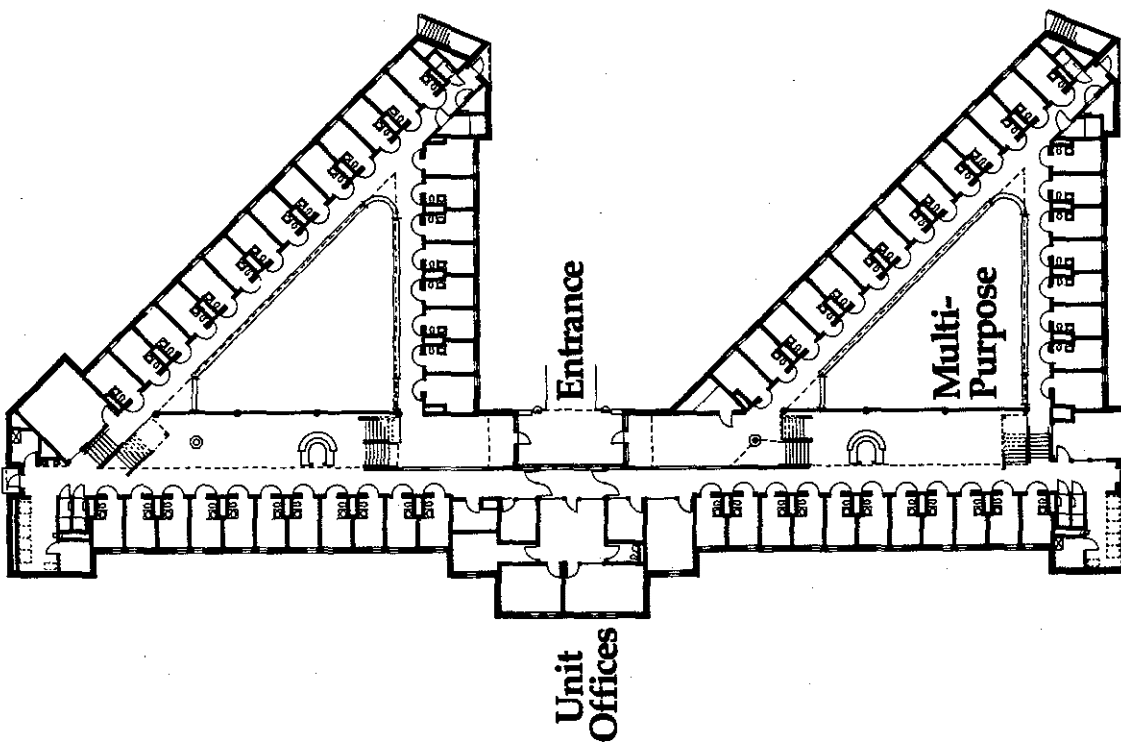
Positive: Simple construction methods,
good competition, less expensive materials
Negative: High labor costs

Factors affecting time schedule

Positive: Prefabricated components; simple
construction methods, phased construction
(fast track)
Negative: Weather problems; complex
electronic, mechanical, and electrical
systems



Second Floor



Ground Floor

Marion County Corrections Facility

Responsible official: Director, Marion County Department of Corrections

Contact: Bill Wasson, Director, Marion County Corrections Facility, 3950 Aumsville Highway, Salem, OR 97301, 503-588-8417

Architect: Lescher & Mahoney/DLR Group, 2141 East Camelback Road, Suite 100, Phoenix, AZ 85016, 602-381-8580

Construction Manager: N/A

Facility type: County jail, complex (combined use)
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: Law enforcement, courts
Facility location: Suburb
Amount of land: 20 acres

Dimensions

Total GSF: 115,465
Total NSF: 80,825
Corrections GSF: 85,964
Corrections NSF: 60,174
Housing area GSF: 73,000
Housing area NSF: 51,125
GSF per inmate (design): 451
GSF per inmate (current): 391
NSF per inmate (design): 316
NSF per inmate (current): 294
Size of cells: 75 (single)
Net/gross square feet: 70%

Inmate cells

Door material(s): Wood
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: Two-way to common areas, inmate duress alarm
HVAC: Steam heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: September 1987
Finish date: January 1988
Construction time: 4 months

Costs

Total: \$11,287,000
Building only: \$11,177,000
Final construction cost: Lower
Housing area: \$7,400,000
Housing per inmate: \$35,577
Housing per cell: \$35,577
Total per inmate: N/A
Total per GSF: \$97.75
Total per NSF: \$139.65
Total annual operating costs: \$6,800,000

Construction type

Structural: Load-bearing masonry with precast roof
Exterior walls: CMU block, brick
Interior walls: CMU block
Exterior surface or facade: Brick, CMU block split face
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population

Single occupancy: 208
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 48
Double occupancy: 0
Dorms: 0

Total design: 256
Current population: February 1993: 295

Inmate housing areas

Design: Modular/pod
Cells per unit: 12
Inmates per unit (design): 12
Inmates per unit (current): Unknown
Management type (design): Remote surveillance, direct supervision
Management type (current): Direct supervision
Means to handle crowding: Adjust release policies
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: Limited

Security

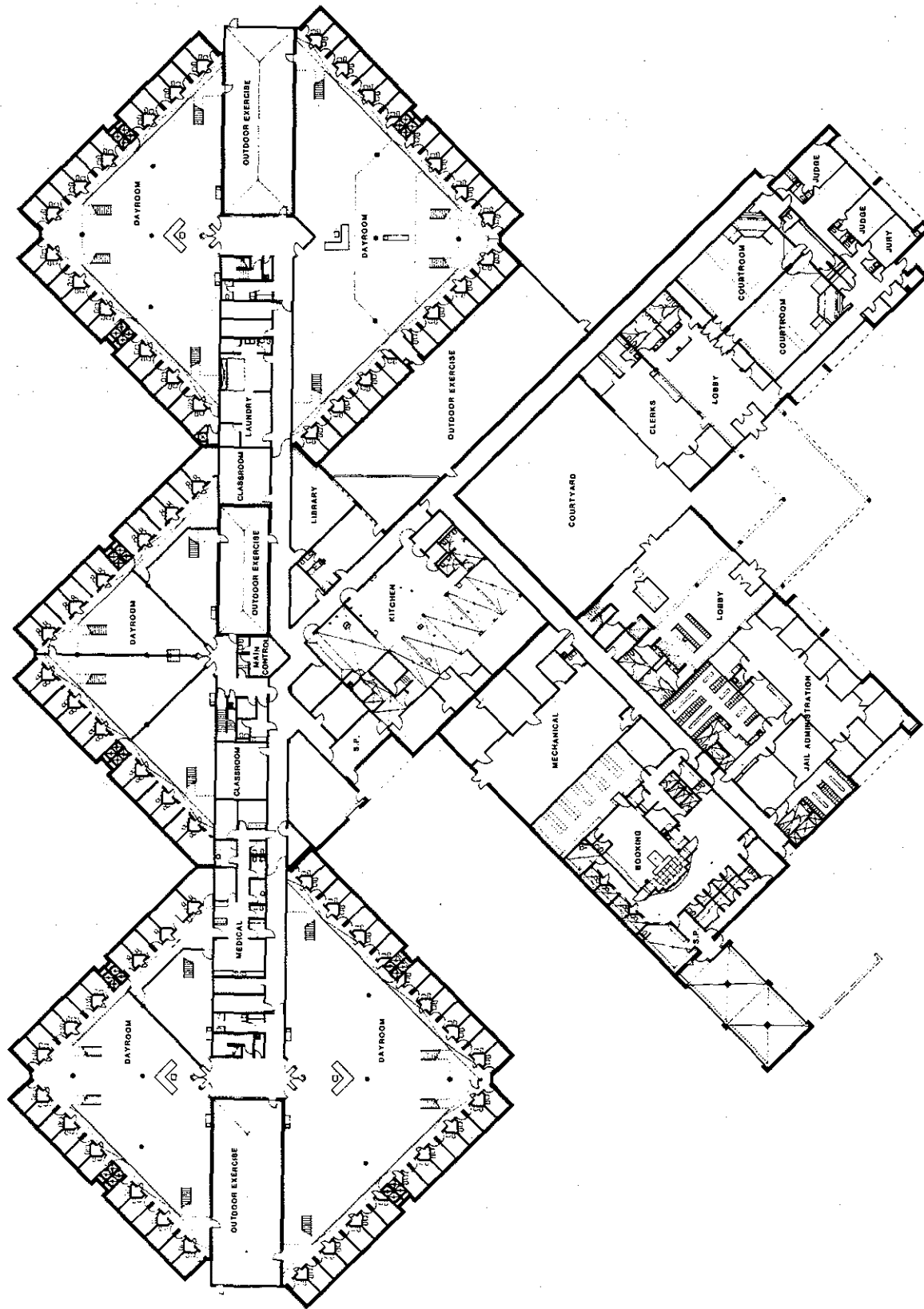
Perimeter: Building exterior only; costs included
Inmate security level
Maximum: 14%
Medium: 86%
Minimum: 0

Current staff

Full-time equivalent
Administration: 16
Security: 70
Programs and treatment: 12
Maintenance: 2
Total: 100
Current inmate/staff ratio: 3:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods
Negative: High labor costs
Factors affecting time schedule
Positive: Simple construction methods
Negative: Slow response or delivery from vendor/supplier, labor problems



FIRST FLOOR PLAN

Bucks County Rehabilitation Center

Responsible official: Commissioners, Bucks County Prison Board

Contact: J. Allen Nesbitt, Director, Bucks County Department of Corrections, Bucks County Rehabilitation Center, 1730 South Easton Road, Doylestown, PA 18901, 215-345-3702

Architect: Vitetta Group, 642 North Broad Street, The Wallace Building, Philadelphia, PA 19130, 215-345-3500

Construction Manager: O'Donnell and Maccarato, Inc., 9 West Court Street, Doylestown, PA 18901, 215-340-2420

Facility type: County jail
Jurisdiction type: Federal, State, county
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Wheel, spoke, or radial
Complex use: N/A
Facility location: Suburb
Amount of land: 8 acres

Dimensions

Total GSF: 62,230
Total NSF: 49,784
Corrections GSF: 62,230
Corrections NSF: 49,784
Housing area GSF: 34,861
Housing area NSF: 20,916
GSF per inmate (design): 230
GSF per inmate (current): 244
NSF per inmate (design): 184
NSF per inmate (current): 195
Size of cells: 123 (double)
Net/gross square feet: 80%

Inmate cells

Door material(s): Wood
Type(s) of doors: Swinging
Type(s) of locks: Manual locking
Floor surface: Carpet, vinyl tile
Intercom: Two-way to common areas, inmate duress alarm
HVAC: Forced air
Plumbing: China
Furniture: Wood, vinyl/plastic
Fire protection: Smoke detectors for cells and common areas, manual alarm stations
Windows: Custom hollow metal and security glass

Time

Groundbreaking: Unknown
Finish date: July 1991
Construction time: Unknown

Costs

Total: \$4,525,050
Building only: Unknown
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$16,636
Total per GSF: \$72.71
Total per NSF: \$90.89
Total annual operating costs: \$3,247,702

Construction type

Structural: Load-bearing CMU block
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: Paging and sound system

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 270
Dorms: 0

Special population

Single occupancy: 2
Double occupancy: 0
Dorms: 0

Total design: 272

Current population: December 1991: 255

Inmate housing areas

Design: Modular/pod
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Intermittent surveillance, direct supervision
Management type (current): Intermittent surveillance

Means to handle crowding: N/A

Total officers per unit

Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: Moderate; roof, decks, precast planks

Security

Perimeter: Building exterior only, perimeter detection/alarm; costs included

Inmate security level

Maximum: 0
Medium: 0
Minimum: 95%
Disciplinary: 5%

Current staff

Full-time equivalent

Administration: 9
Security: 32
Programs and treatment: 12
Maintenance: 7
Total: 60

Current inmate/staff ratio: 4.3:1

Contracted services: Medical, mental health services, educational instructors

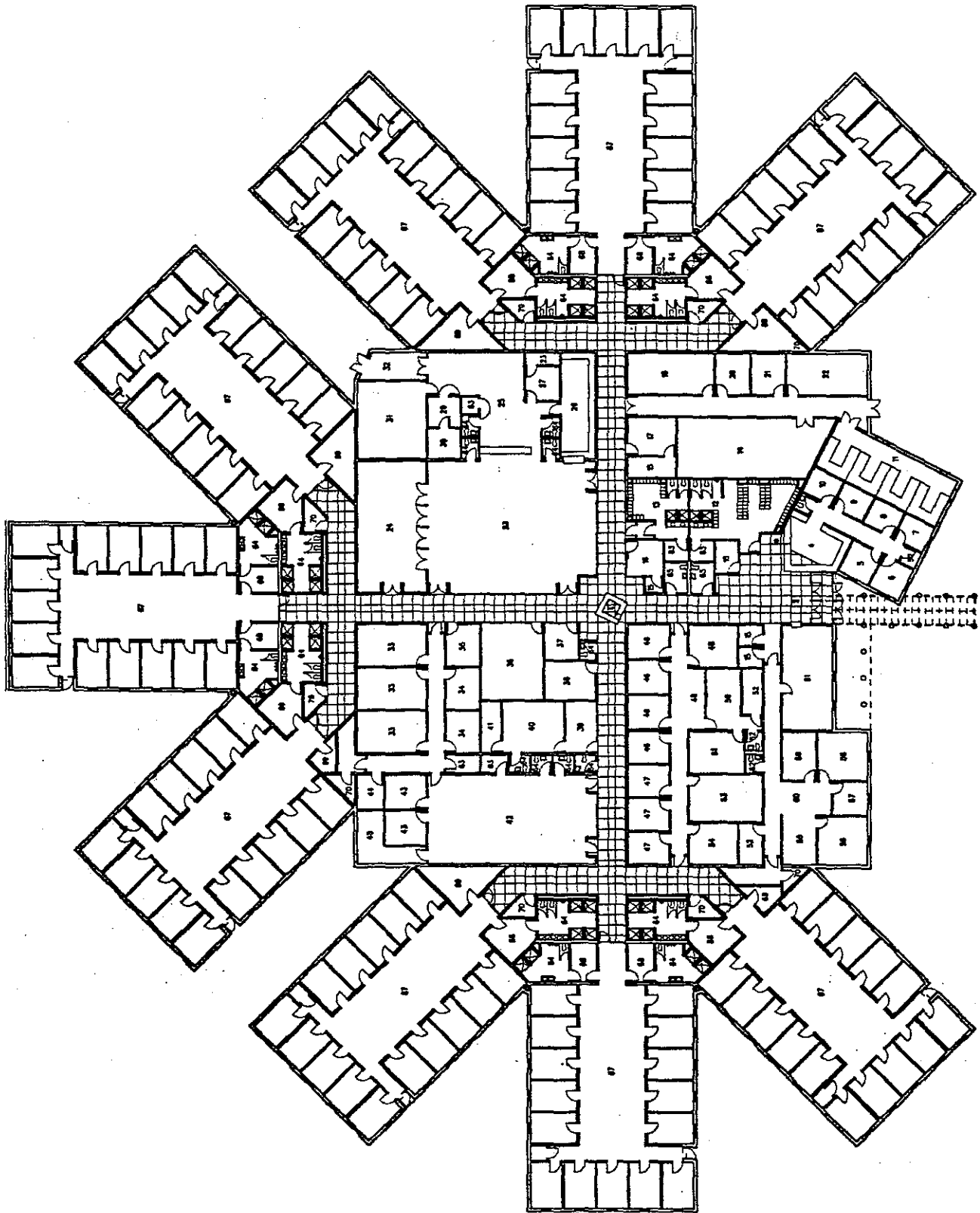
Architect's reported analysis

Factors affecting construction costs

Positive: N/A
Negative: N/A

Factors affecting time schedule

Positive: N/A
Negative: N/A



Federal Correctional Institution—McKean

Responsible official: Director, Federal Bureau of Prisons

Contact: Dennis M. Luther, Warden, Federal Correctional Institution—McKean, P.O. Box 5000, Bradford, PA 16701-0950, 814-362-8900

Architect: Geddes, Brecher, Qualls, Cunningham, 2401 Locust Street, Philadelphia, PA 19103, 215-561-2401

Construction Manager: N/A

Facility type: Federal prison
Jurisdiction type: Federal
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 188 acres

Dimensions

Total GSF: 492,505
Total NSF: 307,000
Corrections GSF: 492,505
Corrections NSF: 307,000
Housing area GSF: 145,000
Housing area NSF: 87,760
GSF per inmate (design): 474
GSF per inmate (current): 439
NSF per inmate (design): 295
NSF per inmate (current): 273
Size of cells: 77 (single)
Net/gross square feet: 62%

Inmate design capacity

General population

Single occupancy: 248
Double occupancy: 496
Dorms: 248

Special population

Single occupancy: 48
Double occupancy: 0
Dorms: 0
Total design: 1,040
Current population: April 1993: 1,123

Inmate housing areas

Design: Modular/pod
Cells per unit: 124
Inmates per unit (design): 124
Inmates per unit (current): 248
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Bunk beds in cells

Total officers per unit

Day: 2
Evening: 2
Midnight: 2

Construction process

Contract method: Conventional design-bid-build
Finance method: Federal funds
Use of inmate labor: None
Use of prefabrication: None

Inmate cells

Door material(s): Wood
Type(s) of doors: Swinging
Type(s) of locks: Manual locking
Floor surface: Vinyl tile
Intercom: N/A
HVAC: Air-conditioning, MTHW central boiler
Plumbing: China
Furniture: Wood
Fire protection: Smoke detectors for common areas, sprinklers for cells and common areas, manual alarm stations, smoke detectors in ducts
Windows: Standard and bars

Security

Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on and between fence(s); costs excluded

Inmate security level

Administrative: 0
High: 5%
Medium: 70%
Low: 24.4%
Minimum: .6%

Current staff

Full-time equivalent

Administration: 14
Security: 124
Programs and treatment: 184
Maintenance: 27
Total: 349
Current inmate/staff ratio: 3.2:1
Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs

Positive: Phased construction (fast track), good competition

Negative: Difficult site conditions

Factors affecting time schedule

Positive: N/A

Negative: Labor problems, weather problems

Time

Groundbreaking: June 1987
Finish date: October 1989
Construction time: 25 months

Costs

Total: \$50,300,000
Building only: \$43,000,000
Final construction cost: Lower
Housing area: \$15,000,000
Housing per inmate: \$15,121
Housing per cell: Unknown
Total per inmate: \$48,365
Total per GSF: \$102.13
Total per NSF: \$163.84
Total annual operating costs: \$18,900,000

Construction type

Structural: Steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: Natural wall, CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, perimeter detection/alarm, satellite/cable

(No floorplan available at time of publication)

Federal Correctional Institution—Schuylkill

Responsible official: Director, Federal Bureau of Prisons

Contact: George C. Wigen, Warden, Federal Correctional Institution—Schuylkill, P.O. Box 700, Minersville, PA 17954, 717-544-7100

Architect: Benatec Associates, 101 Erford Road, Camp Hill, PA 17011-8866, 717-763-7391

Construction Manager: N/A

Facility type: Federal prison
Jurisdiction type: Federal
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 650 acres

Dimensions

Total GSF: 424,300
Total NSF: 265,000
Corrections GSF: 399,411
Corrections NSF: 265,000
Housing area GSF: 120,976
Housing area NSF: 87,760
GSF per inmate (design): 390
GSF per inmate (current): 293
NSF per inmate (design): 243
NSF per inmate (current): 183
Size of cells: 78 (single)
Net/gross square feet: 62.5%

Inmate cells

Door material(s): Wood
Type(s) of doors: Swinging
Type(s) of locks: Manual locking
Floor surface: Vinyl tile
Intercom: No intercom system
HVAC: Heating/air circulation, MTHW
central boiler plant
Plumbing: China
Furniture: Wood
Fire protection: Smoke detectors for
common areas, sprinklers for cells and
common areas, smoke detectors in ducts
Windows: Standard and bars

Time

Groundbreaking: June 1989
Finish date: April 1991
Construction time: 23 months

Costs

Total: \$53,904,873
Building only: \$44,500,000
Final construction cost: Higher
Housing area: \$22,800,000
Housing per inmate: \$20,000
Housing per cell: \$40,000
Total per inmate: \$43,612
Total per GSF: \$127.04
Total per NSF: \$203.41
Total annual operating costs: \$16,300,000

Construction type

Structural: Steel frame
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: Natural wall,
CMU block, metal panel siding
Electronic technology systems: Lighting
protection, CCTV surveillance, staff
intercommunication, paging and sound
system, duress/fire alarm, door control/
monitoring, perimeter detection/alarm,
satellite/cable

Inmate design capacity

General population

Single occupancy: 248
Double occupancy: 496
Dorms: 296

Special population

Single occupancy: 48
Double occupancy: 0
Dorms: 0

Total design: 1,088

Current population: May 1993: 1,448

Inmate housing areas

Design: Modular/pod
Cells per unit: 124
Inmates per unit (design): 186
Inmates per unit (current): 248
Management type (design): Direct
supervision
Management type (current): Direct
supervision
Means to handle crowding: N/A

Total officers per unit

Day: 2
Evening: 2
Midnight: 2

Construction process

Contract method: Multiple bid packages
(fast track)
Finance method: Federal funds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Double fence, perimeter patrols
and detection/alarm, razor wire on and
between fence(s); costs excluded
Inmate security level
High: 2%
Medium: 52%
Low: 25%
Minimum: 21%

Current staff

Full-time equivalent

Administration: 45
Security: 129
Programs and treatment: 136
Maintenance: 25
Total: 335
Current inmate/staff ratio: 3.2:1
Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs

Positive: Phased construction (fast track)

Negative: Difficult site conditions

Factors affecting time schedule

Positive: Phased construction (fast track)

Negative: Weather problems

(No floorplan available at time of publication)

Philadelphia Industrial Correctional Center

Responsible official: Commissioner, Philadelphia Prison System

Contact: Thomas Shields, Warden, Philadelphia Industrial Correctional Center, 8301 State Road, Philadelphia, PA 19136, 215-335-7104

Architect: Jacobs, Wyner, Ehrenfrantz, 1232 Chancellor Street, Philadelphia, PA 19107, 215-985-0900

Construction Manager: Morrison-Knudsen Parametric Co., P.O. Box 7808, Boise ID, 83729, 208-386-5000

Facility type: City jail

Jurisdiction type: Federal, State, county, city

Commitment type: Pretrial, sentenced

Category: New construction (independent facility)

Building configuration: Integrated structure

Complex use: N/A

Facility location: Urban

Amount of land: Unknown

Dimensions

Total GSF: 280,000

Total NSF: Unknown

Corrections GSF: 280,000

Corrections NSF: Unknown

Housing area GSF: 126,020

Housing area NSF: 79,586

GSF per inmate (design): 431

GSF per inmate (current): 316

NSF per inmate (design): Unknown

NSF per inmate (current): Unknown

Size of cells: 70 (single)

Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel

Type(s) of doors: Swinging

Type(s) of locks: Motor driven and remote locking

Floor surface: Carpet, sealed concrete, vinyl tile

Intercom: One-way to common areas, inmate duress alarm

HVAC: Forced air

Plumbing: Stainless steel

Furniture: Wood, vinyl/plastic

Fire protection: Smoke detectors and sprinklers for cells and common areas

Windows: Slit

Time

Groundbreaking: July 1984

Finish date: June 1986

Construction time: 24 months

Costs

Total: \$46,000,000

Building only: \$44,500,000

Final construction cost: Higher

Housing area: Unknown

Housing per inmate: Unknown

Housing per cell: Unknown

Total per inmate: \$70,769

Total per GSF: \$164.28

Total per NSF: Unknown

Total annual operating costs: Unknown

Construction type

Structural: Steel frame

Exterior walls: CMU block, brick

Interior walls: CMU block

Exterior surface or facade: Brick, CMU block

Electronic technology systems: CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm, satellite/cable

Inmate design capacity

General population

Single occupancy: 600

Double occupancy: 0

Dorms: 0

Special population

Single occupancy: 50

Double occupancy: 0

Dorms: 0

Total design: 650

Current population: January 1992: 885

Inmate housing areas

Design: Modular/pod

Cells per unit: 50

Inmates per unit (design): 50

Inmates per unit (current): 70

Management type (design): Direct supervision

Management type (current): Direct supervision

Means to handle crowding: Second bunk permanently attached

Total officers per unit

Day: 2

Evening: 2

Midnight: 1

Construction process

Contract method: Conventional design-bid-build, multiple bid packages (fast track)

Finance method: Lease-purchase through municipal authority via sale bonds

Use of inmate labor: None

Use of prefabrication: None

Security

Perimeter: Building exterior only, double fence, razor wire on fence(s), perimeter patrols; costs included

Inmate security level

Maximum: 61%

Medium: 39%

Minimum: 0

Current staff

Full-time equivalent

Administration: 9

Security: 290

Programs and treatment: 47

Maintenance: 19

Total: 365

Current inmate/staff ratio: 2.4:1

Contracted services: Medical, equipment service contracts

Architect's reported analysis

Factors affecting construction costs

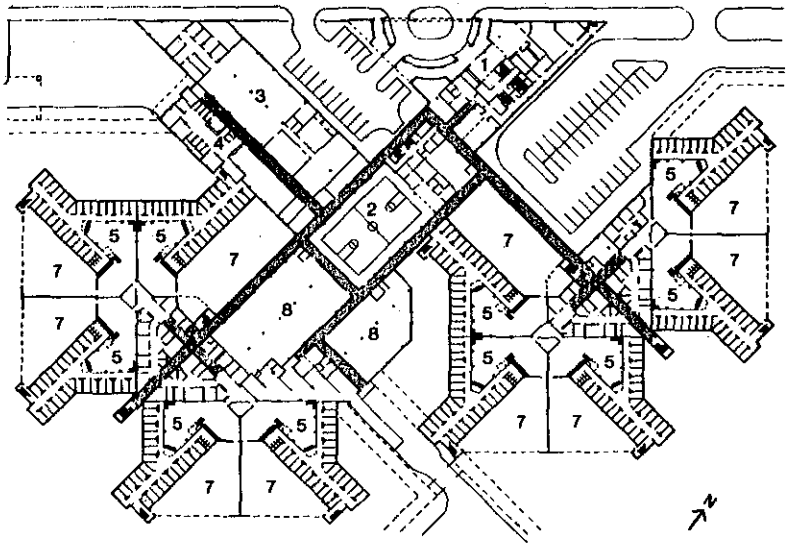
Positive: Simple const. methods, phased const. (fast track); less expensive materials

Negative: Difficult site conditions; gov. procedures/regulations; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

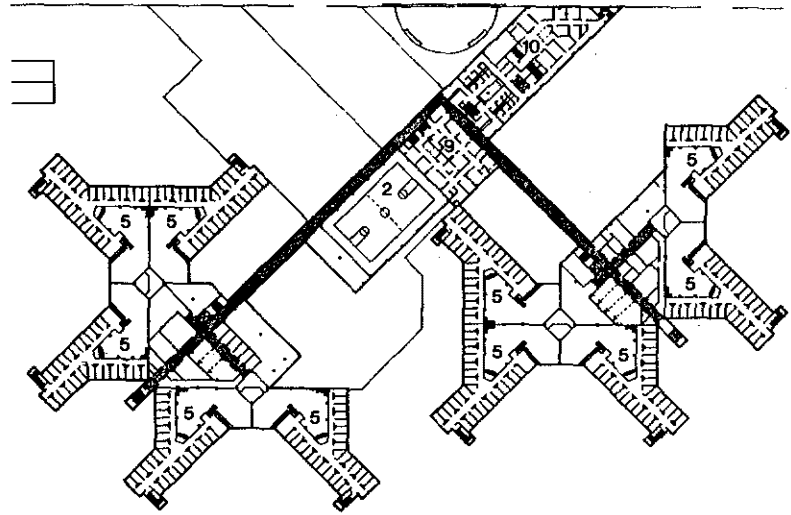
Positive: Simple construction methods, phased construction (fast track); coordination of design

Negative: Slow response or delivery from vendor/supplier; complex electronic, mechanical, and electrical systems



GROUND FLOOR

- | | |
|----------------------------------|-----------------------|
| 1. Entrance/visitor registration | 5. Housing unit |
| 2. Gym | 6. Management unit |
| 3. Kitchen | 7. Recreation |
| 4. Intake | 8. Industry/shop area |



SECOND FLOOR

- | |
|--------------------|
| 9. Infirmary |
| 10. Administration |

State Correctional Institution at Waymart

Responsible official: Commissioner, Pennsylvania Department of Corrections

Contact: Charles H. Zimmerman, Superintendent, State Correctional Institution at Waymart, Route 6, P.O. Box 256, Waymart, PA 18472, 717-488-2500

Architect: Multiple

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: Remodeling/renovation, conversion
Building configuration: Clusters
Complex use: N/A
Facility location: Rural
Amount of land: 1,400 acres

Dimensions

Total GSF: 492,206
Total NSF: 435,045
Corrections GSF: 492,206
Corrections NSF: 435,045
Housing area GSF: 200,708
Housing area NSF: 121,320
GSF per inmate (design): 480
GSF per inmate (current): 484
NSF per inmate (design): 424
NSF per inmate (current): 428
Size of cells: 95 (single and double)
Net/gross square feet: 88%

Inmate design capacity

General population

Single occupancy: 8
Double occupancy: 160
Dorms: 823

Special population

Single occupancy: 14
Double occupancy: 20
Dorms: 0
Total design: 1,025
Current population: April 1993: 1,017

Inmate housing areas

Design: Linear, cells on outside walls and building interior
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Intermittent surveillance, direct supervision
Management type (current): Intermittent surveillance, direct supervision
Means to handle crowding: Bunk beds in cells, beds in dayroom

Total officers per unit

Day: 15
Evening: 15
Midnight: 13

Construction process

Contract method: Conventional design-bid-build
Finance method: Fixed financing rate
Use of inmate labor: None
Use of prefabrication: Moderate; prefabrication of some units

Inmate cells

Door material(s): Wood, steel
Type(s) of doors: Swinging
Type(s) of locks: Manual locking
Floor surface: Lino/sheet vinyl, epoxy coating, sealed concrete, vinyl tile
Intercom: Two-way to common areas
HVAC: Steam heat, forced air, electric heat pumps, air-conditioning
Plumbing: Stainless steel, china, stainless steel combination unit
Furniture: Steel, wood
Fire protection: Smoke detectors and sprinklers for common areas, manual alarm stations
Windows: Standard and bars, special security and screens

Security

Perimeter: Building exterior only, single fence, perimeter patrols and detection/ alarm, razor wire on fence(s), video camera surveillance; costs excluded

Inmate security level

Maximum: 4%
Medium: 20%
Minimum: 76%

Current staff

Full-time equivalent

Administration: 48
Security: 196
Programs and treatment: 48
Maintenance: 63
Total: 355
Current inmate/staff ratio: 2.9:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs

Positive: Prefabricated components
Negative: Slow construction and lengthy building time, difficult site conditions, quality of materials

Factors affecting time schedule

Positive: Coordination of design
Negative: N/A

Time

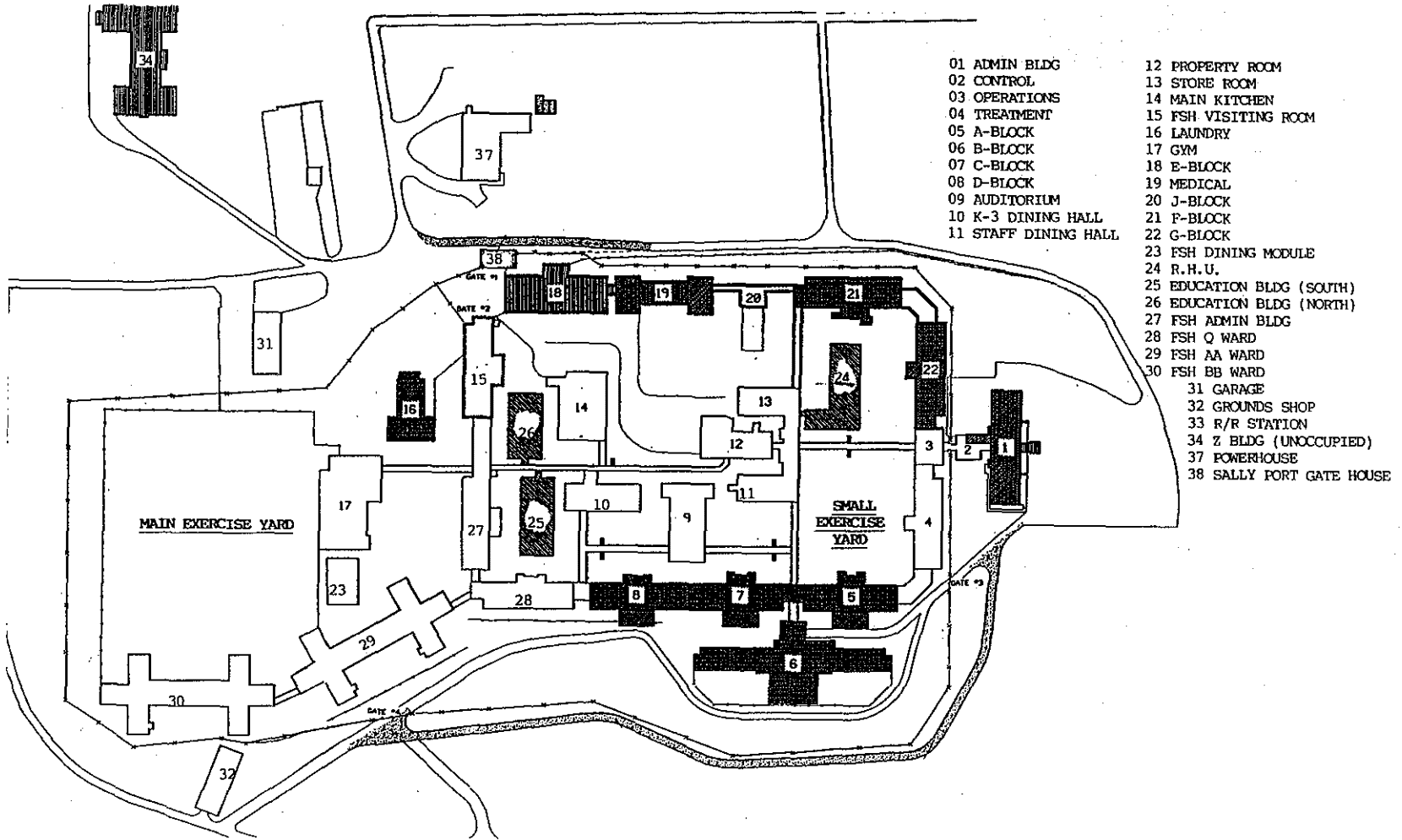
Groundbreaking: Unknown
Finish date: October 1989
Construction time: Unknown

Costs

Total: \$14,000,000
Building only: Unknown
Final construction cost: Higher
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$13,658
Total per GSF: \$28.44
Total per NSF: \$32.18
Total annual operating costs: \$30,837,000

Construction type

Structural: Modular metal cells
Exterior walls: Brick
Interior walls: Cast-in-place concrete, brick
Exterior surface or facade: Brick
Electronic technology systems: CCTV surveillance, staff intercommunication, paging and sound system, duress/fire alarm, perimeter detection/alarm, satellite/ cable



- | | |
|----------------------|---------------------------|
| 01 ADMIN BLDG | 12 PROPERTY ROOM |
| 02 CONTROL | 13 STORE ROOM |
| 03 OPERATIONS | 14 MAIN KITCHEN |
| 04 TREATMENT | 15 FSH VISITING ROOM |
| 05 A-BLOCK | 16 LAUNDRY |
| 06 B-BLOCK | 17 GYM |
| 07 C-BLOCK | 18 E-BLOCK |
| 08 D-BLOCK | 19 MEDICAL |
| 09 AUDITORIUM | 20 J-BLOCK |
| 10 K-3 DINING HALL | 21 F-BLOCK |
| 11 STAFF DINING HALL | 22 G-BLOCK |
| | 23 FSH DINING MODULE |
| | 24 R.H.U. |
| | 25 EDUCATION BLDG (SOUTH) |
| | 26 EDUCATION BLDG (NORTH) |
| | 27 FSH ADMIN BLDG |
| | 28 FSH Q WARD |
| | 29 FSH AA WARD |
| | 30 FSH BB WARD |
| | 31 GARAGE |
| | 32 GROUNDS SHOP |
| | 33 R/R STATION |
| | 34 Z BLDG (UNOCCUPIED) |
| | 37 POWERHOUSE |
| | 38 SALLY PORT GATE HOUSE |

York County Prison

Responsible official: President, York County Commissioners

Contact: Richard J. Hahn, Warden, York County Prison, 3400 Concord Road, York, PA 17402, 717-771-9599

Architect: BASCO Associates, 611 West Market Street, York, PA 17404, 717-843-3854

Construction Manager: Quandel, 4309 Lingelstown Road, Suite 114, Harrisburg, PA 17112, 717-657-0909

Facility type: County jail

Jurisdiction type: Federal, State, county

Commitment type: Pretrial, sentenced

Category: New construction (separate but ancillary building), remodel/renovation, expansion

Building configuration: Integrated structure, courtyard

Complex use: N/A

Facility location: Suburb

Amount of land: 27 acres

Dimensions

Total GSF: 146,100

Total NSF: Unknown

Corrections GSF: 146,100

Corrections NSF: Unknown

Housing area GSF: Unknown

Housing area NSF: Unknown

GSF per inmate (design): 235

GSF per inmate (current): 239

NSF per inmate (design): Unknown

NSF per inmate (current): Unknown

Size of cells: 70 (single), 100 (double)

Net/gross square feet: Unknown

Inmate design capacity

General population

Single occupancy: 96

Double occupancy: 328

Dorms: 0

Special population

Single occupancy: 30

Double occupancy: 24

Dorms: 144

Total design: 622

Current population: March 1992: 612

Inmate housing areas

Design: Modular/pod

Cells per unit: 32

Inmates per unit (design): 64

Inmates per unit (current): 100

Management type (design): Remote surveillance

Management type (current): Remote surveillance, direct supervision

Means to handle crowding: Beds in dayroom, second bunk permanently attached

Total officers per unit

Day: 3

Evening: 3

Midnight: 3

Construction process

Contract method: Multiple bid packages (fast track)

Finance method: Local general obligation bonds

Use of inmate labor: None

Use of prefabrication: Limited; precast roof plank, concrete floor and wall panels

Inmate cells

Door material(s): Steel

Type(s) of doors: Sliding

Type(s) of locks: Motor driven and remote locking, manual locking

Floor surface: Sealed concrete

Intercom: Two-way to common areas, inmate duress alarm

HVAC: Gas heat, forced air

Plumbing: China, stainless steel combination unit

Furniture: Steel

Fire protection: Smoke detectors and sprinklers for common areas, manual alarm stations

Windows: Special security

Security

Perimeter: Double fence, razor wire on fence(s), perimeter patrols; costs included

Inmate security level

Maximum: 54%

Medium: 23%

Minimum: 23%

Current staff

Full-time equivalent

Administration: 11

Security: 179

Programs and treatment: 12

Maintenance: 10

Total: 212

Current inmate/staff ratio: 2.9:1

Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition

Negative: Slow construction and lengthy building time, special security needed to keep part of facility operational

Factors affecting time schedule

Positive: Simple construction methods, phased construction (fast track); coordination of design

Negative: Slow response or delivery from vendor/supplier, special security needed to keep part of facility operational

Time

Groundbreaking: November 1990

Finish date: October 1992

Construction time: 23 months

Costs

Total: \$16,085,105

Building only: \$15,453,746

Final construction cost: Lower

Housing area: Unknown

Housing per inmate: Unknown

Housing per cell: Unknown

Total per inmate: \$25,860

Total per GSF: \$110.10

Total per NSF: Unknown

Total annual operating costs: \$6,600,000

Construction type

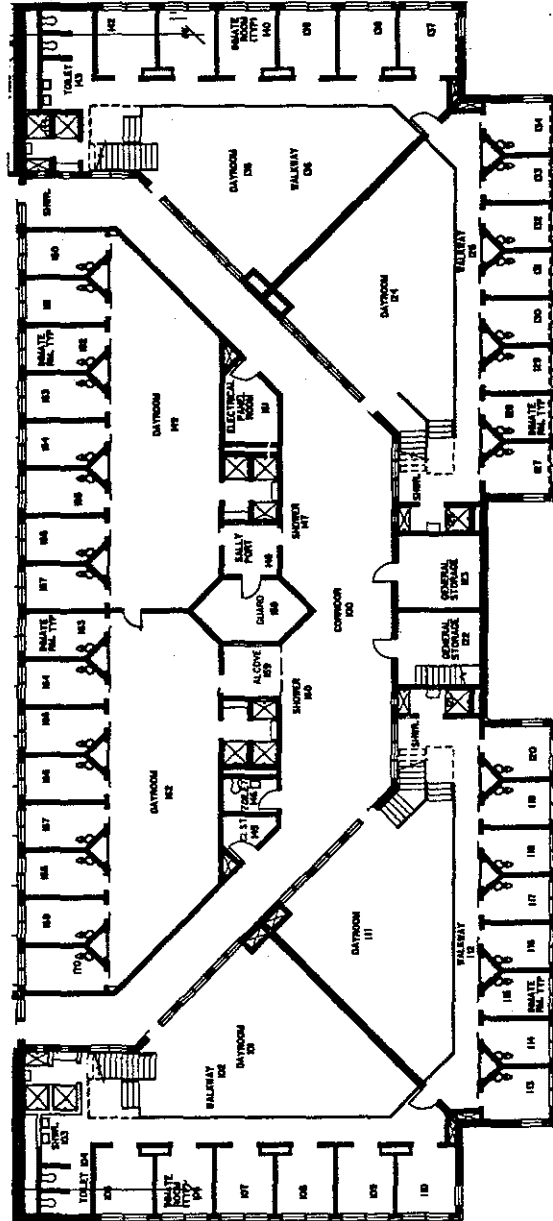
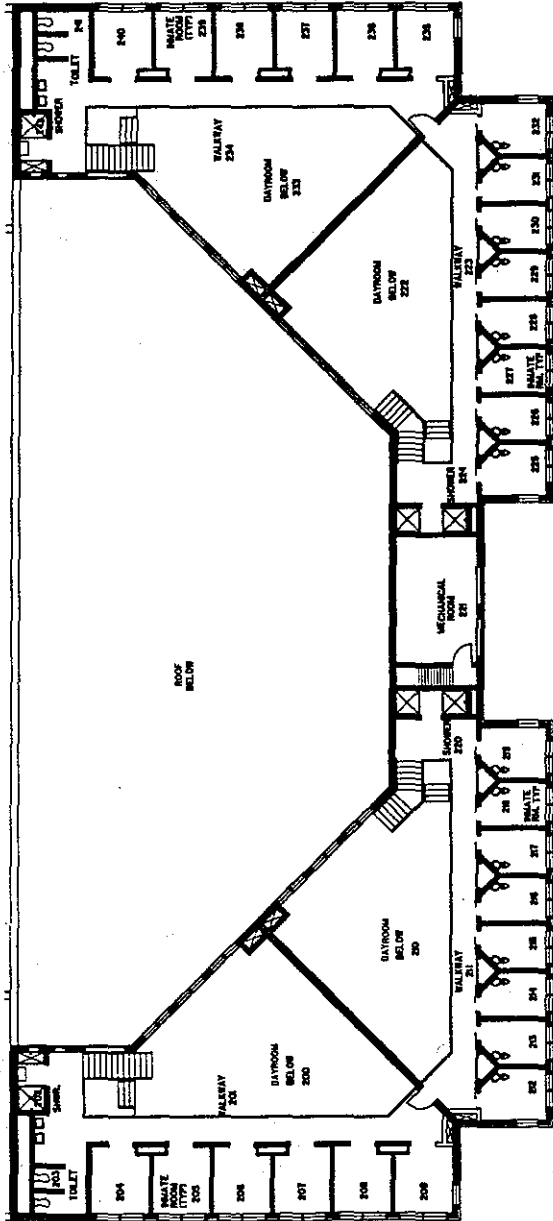
Structural: Steel frame, precast plank on load-bearing masonry

Exterior walls: Precast panels, CMU block

Interior walls: CMU block

Exterior surface or facade: Textured concrete, CMU block

Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable



Bee County Jail

Responsible official: Sheriff, Bee County

Contact: Robert L. Horn, Sheriff, Bee County Jail, 407 Hillside Drive, Beeville, TX 78102-5300, 512-362-3221

Architect: Di Stefano/Santopetro Architects, Inc., 10260 Westheimer, Suite 390, Houston, TX 77042, 713-953-9032

Construction Manager: N/A

Facility type: County jail, complex (combined use)
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: Law enforcement
Facility location: Unknown
Amount of land: Unknown

Dimensions

Total GSF: 28,800
Total NSF: 23,600
Corrections GSF: 22,000
Corrections NSF: 18,000
Housing area GSF: 22,000
Housing area NSF: 18,000
GSF per inmate (design): 172
GSF per inmate (current): Unknown
NSF per inmate (design): 141
NSF per inmate (current): Unknown
Size of cells: 58.5 (single), 520 (dorm)
Net/gross square feet: 82%

Inmate cells

Door material(s): Steel
Type(s) of doors: Sliding
Type(s) of locks: Motor driven and remote locking
Floor surface: Epoxy coating, sealed concrete, vinyl tile
Intercom: Two-way to cells and common areas
HVAC: Electric
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors for cells and common areas
Windows: Unknown

Time

Groundbreaking: June 1988
Finish date: July 1989
Construction time: 13 months

Costs

Total: \$2,660,000
Building only: \$2,575,000
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: N/A
Total per GSF: \$92.36
Total per NSF: \$112.71
Total annual operating costs: Unknown

Construction type

Structural: Load-bearing precast panels, concrete columns and steel beams
Exterior walls: Precast panels
Interior walls: CMU block, steel plate
Exterior surface or facade: Textured concrete
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, duress/fire alarm, door control/monitoring

Inmate design capacity

General population
Single occupancy: 34
Double occupancy: 0
Dorms: 48

Special population
Single occupancy: 2
Double occupancy: 0
Dorms: 44

Total design: 128
Current population: Unknown

Inmate housing areas

Design: Linear, cells on building interior
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Intermittent and remote surveillance
Management type (current): Unknown
Means to handle crowding: Unknown

Total officers per unit

Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Conventional design-bid-build
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only, video camera surveillance; costs included

Inmate security level

Maximum: 28%
Medium: 38%
Minimum: 34%

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition
Negative: Slow construction and lengthy building time; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: N/A
Negative: Slow response or delivery from vendor/supplier, labor problems, weather problems

Caldwell County Jail

Responsible official: Sheriff, Caldwell County

Contact: Dian Bolton, Jail Administrator, Caldwell County Jail, 202 East San Antonio Street, P.O. Box 422, Lockhart, TX 78644, 512-398-4343

Architect: Di Stefano/Santopetro Architects, 10260 Westheimer, Suite 390, Houston, TX 77042, 713-953-9032

Construction Manager: N/A

Facility type: County jail, complex (combined use)

Jurisdiction type: Federal, State, county

Commitment type: Pretrial, sentenced

Category: New construction (independent facility)

Building configuration: Integrated structure

Complex use: Law enforcement

Facility location: Urban

Amount of land: Unknown

Dimensions

Total GSF: 32,500

Total NSF: 31,000

Corrections GSF: 24,500

Corrections NSF: 23,000

Housing area GSF: 24,500

Housing area NSF: 23,000

GSF per inmate (design): 220

GSF per inmate (current): 175

NSF per inmate (design): 209

NSF per inmate (current): 164

Size of cells: 58.5 (single), 492 (dorm)

Net/gross square feet: 95%

Inmate cells

Door material(s): Steel

Type(s) of doors: Sliding

Type(s) of locks: Motor driven and remote locking

Floor surface: Sealed concrete, vinyl tile

Intercom: Two-way to cells and common areas

HVAC: Heating/air circulation, electric

Plumbing: Stainless steel combination unit

Furniture: Steel

Fire protection: Smoke detectors for cells and common areas

Windows: Unknown

Time

Groundbreaking: April 1989

Finish date: September 1990

Construction time: 17 months

Costs

Total: \$3,000,000

Building only: \$2,860,000

Final construction cost: Lower

Housing area: Unknown

Housing per inmate: Unknown

Housing per cell: Unknown

Total per inmate: N/A

Total per GSF: \$92.31

Total per NSF: \$96.77

Total annual operating costs: Unknown

Construction type

Structural: Load-bearing precast panels, concrete columns and steel beams

Exterior walls: Precast panels

Interior walls: CMU block, steel plate

Exterior surface or facade: Paint, textured concrete

Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 50

Double occupancy: 0

Dorms: 48

Special population

Single occupancy: 2

Double occupancy: 0

Dorms: 48

Total design: 148

Current population: April 1993: 140

Inmate housing areas

Design: Linear, cells on building interior

Cells per unit: 1

Inmates per unit (design): 48

Inmates per unit (current): 48

Management type (design): Intermittent and remote surveillance

Management type (current): Direct supervision

Means to handle crowding: Transfer to another facility

Total officers per unit

Day: Unknown

Evening: Unknown

Midnight: Unknown

Construction process

Contract method: Conventional design-bid-build

Finance method: Local general obligation bonds

Use of inmate labor: None

Use of prefabrication: None

Security

Perimeter: Building exterior only, video camera surveillance; costs included

Inmate security level

Maximum: 35%

Medium: 33%

Minimum: 32%

Current staff

Full-time equivalent

Administration: Unknown

Security: Unknown

Programs and treatment: Unknown

Maintenance: Unknown

Total: Unknown

Current inmate/staff ratio: Unknown

Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition

Negative: Government procedures and regulations

Factors affecting time schedule

Positive: Simple construction methods

Negative: Slow response or delivery from vendor/supplier, weather problems, government procedures and regulations

Federal Correctional Institution—Three Rivers

Responsible official: Director, Federal Bureau of Prisons

Contact: Philip Spears, Warden, Federal Correctional Institution—Three Rivers, P.O. Box 4000, Three Rivers, TX 78071, 512-786-3576

Architect: Hellmuth, Obata & Kassabaum, Inc., 6688 North Central Expressway, Suite 700, Dallas, TX 75206, 214-739-6688

Construction Manager: N/A

Facility type: Federal prison
Jurisdiction type: Federal
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 165 acres

Dimensions

Total GSF: 471,789
Total NSF: 322,414
Corrections GSF: 471,789
Corrections NSF: 322,414
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): 443
GSF per inmate (current): 312
NSF per inmate (design): 302
NSF per inmate (current): 213
Size of cells: 77 (single and double)
Net/gross square feet: 68%

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Manual locking
Floor surface: Vinyl tile
Intercom: N/A
HVAC: Gas heat, forced air
Plumbing: China, stainless steel
combination unit in special housing
Furniture: Steel, wood, vinyl/plastic
Fire protection: Sprinklers
Windows: Standard and bars

Security

Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on and between fence(s), video camera surveillance; costs excluded

Inmate security level

Maximum: 0
Medium: 80%
Minimum: 20%

Current staff

Full-time equivalent
Administration: 45
Security: 129
Programs and treatment: 136
Maintenance: 25
Total: 335
Current inmate/staff ratio: 4.5:1
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Prefab components; simple construction methods, phased construction (fast track); good competition
Negative: Slow construction; high labor costs; difficult site conditions; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Prefab components; simple construction methods, phased construction (fast track); advanced order of materials; coordination of design
Negative: Slow response or delivery from vendor/supplier; labor problems; complex electronic, mechanical, and electrical systems

Time

Groundbreaking: Unknown
Finish date: June 1990
Construction time: Unknown

Costs

Total: \$54,800,000
Building only: \$46,000,000
Final construction cost: Lower
Housing area: \$14,700,000
Housing per inmate: \$14,440
Housing per cell: Unknown
Total per inmate: \$51,407
Total per GSF: \$116.15
Total per NSF: \$169.97
Total annual operating costs: \$17,300,000

Construction type

Structural: Steel frame, precast concrete cells
Exterior walls: CMU block
Interior walls: Precast panels, CMU block
Exterior surface or facade: Stucco, CMU block
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, perimeter detection/alarm, satellite/cable

Inmate design capacity

General population

Single occupancy: 256
Double occupancy: 512
Dorms: 250

Special population

Single occupancy: 48
Double occupancy: 0
Dorms: 0

Total design: 1,066
Current population: May 1993: 1,513

Inmate housing areas

Design: Modular/pod
Cells per unit: 128
Inmates per unit (design): 192
Inmates per unit (current): 292
Management type (design): Direct supervision
Management type (current): Remote surveillance, direct supervision
Means to handle crowding: Transfer to another facility, bunk beds in cells
Total officers per unit
Day: 2
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: Federal funds
Use of inmate labor: None
Use of prefabrication: Moderate; cells prefabricated

(No floorplan available at time of publication)

Frio County Jail

Responsible official: Sheriff, Frio County

Contact: Gabriel DelToro Jr., Sheriff, Frio County Jail, 505 Cedar Street (at Leona Street), Pearsall, TX 78061, 512-334-3311

Architect: Di Stefano/Santopetro Architects, Inc., 10260 Westheimer, #390, Houston, TX 77042, 713-953-9032

Construction Manager: N/A

Facility type: County jail, complex (combined use)
Jurisdiction type: Federal, county
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: Law enforcement
Facility location: Unknown
Amount of land: Unknown

Dimensions

Total GSF: 40,000
Total NSF: 35,700
Corrections GSF: 30,000
Corrections NSF: 27,000
Housing area GSF: 30,000
Housing area NSF: 27,000
GSF per inmate (design): 176
GSF per inmate (current): Unknown
NSF per inmate (design): 159
NSF per inmate (current): Unknown
Size of cells: 58.5 (single), 383.5 (double), 1,424.5 (dorm)
Net/gross square feet: 89%

Inmate cells

Door material(s): Steel
Type(s) of doors: Sliding
Type(s) of locks: Motor driven and remote locking
Floor surface: Epoxy coating, sealed concrete, vinyl tile
Intercom: Unknown
HVAC: Electric
Plumbing: Stainless steel combination unit
Furniture: Unknown
Fire protection: Unknown
Windows: Unknown

Time

Groundbreaking: September 1987
Finish date: June 1988
Construction time: 9 months

Costs

Total: \$3,100,000
Building only: \$3,018,000
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: N/A
Total per GSF: \$77.50
Total per NSF: \$86.83
Total annual operating costs: Unknown

Construction type

Structural: Load-bearing precast panels, concrete columns and steel beams
Exterior walls: Precast panels
Interior walls: CMU block, steel plate
Exterior surface or facade: Textured concrete
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 50
Double occupancy: 6
Dorms: 40

Special population

Single occupancy: 2
Double occupancy: 0
Dorms: 72

Total design: 170
Current population: Unknown

Inmate housing areas

Design: Linear, cells on building interior
Cells per unit: Unknown
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Intermittent surveillance
Management type (current): Unknown
Means to handle crowding: Unknown
Total officers per unit
Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Conventional design-bid-build
Finance method: Private-sector funds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only, single fence, video camera surveillance; costs included

Inmate security level

Maximum: 31%
Medium: 69%
Minimum: 0

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

Positive: Good competition
Negative: N/A

Factors affecting time schedule

Positive: Simple construction methods, advanced order of materials
Negative: N/A

(No floorplan available at time of publication)

Low Sterrett Justice Center

Responsible official: Sheriff, Dallas County

Contact: Chuck Fawns, Director, Low Sterrett Justice Center, Dallas, TX 79202, 214-653-8704

Architect: Vitetta Group, Inc., 642 North Broad Street, The Wallace Building, Philadelphia, PA 19130;

Harwood K. Smith & Partners, 1111 Plaza of America North, LB 307, Dallas, TX 75201, 214-969-5599

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County
Commitment type: Pretrial, sentenced
Category: Remodel/renovation
Building configuration: Highrise
Complex use: N/A
Facility location: Urban
Amount of land: Unknown

Dimensions

Total GSF: 59,914
Total NSF: 41,931
Corrections GSF: 59,914
Corrections NSF: 41,931
Housing area GSF: 59,914
Housing area NSF: 41,931
GSF per inmate (design): 141
GSF per inmate (current): Unknown
NSF per inmate (design): 99
NSF per inmate (current): Unknown
Size of cells: 246 (dorm)
Net/gross square feet: 70%

Inmate cells

Door material(s): Steel
Type(s) of doors: Sliding
Type(s) of locks: Motor driven and remote locking
Floor surface: Epoxy coating
Intercom: Two-way to cells and common areas
HVAC: Forced air
Plumbing: Stainless steel combination unit
Furniture: Steel, concrete
Fire protection: Smoke detectors for dorms and common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: Unknown
Finish date: March 1991
Construction time: 24 months

Costs

Total: Unknown
Building only: Unknown
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: Unknown
Total per GSF: Unknown
Total per NSF: Unknown
Total annual operating costs: Unknown

Construction type

Structural: Precast concrete
Exterior walls: CMU block-filled panels, brick
Interior walls: Structural clay tile block units, reinforced CMU block
Exterior surface or facade: Brick face
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 352

Special population

Single occupancy: 13
Double occupancy: 0
Dorms: 60

Total design: 425
Current population: Unknown

Inmate housing areas

Design: Linear, cells on interior walls
Cells per unit: 1
Inmates per unit (design): 8
Inmates per unit (current): Unknown
Management type (design): Intermittent and remote surveillance
Management type (current): Intermittent surveillance

Means to handle crowding: Mattresses on floor, second bunk permanently attached

Total officers per unit

Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Unknown
Finance method: State general obligation bonds
Use of inmate labor: Limited; demolition and painting
Use of prefabrication: None

Security

Perimeter: Building exterior only, perimeter detection/alarm, video camera surveillance; costs excluded

Inmate security level

Maximum: 100%
Medium: 0
Minimum: 0

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

Architect's reported analysis

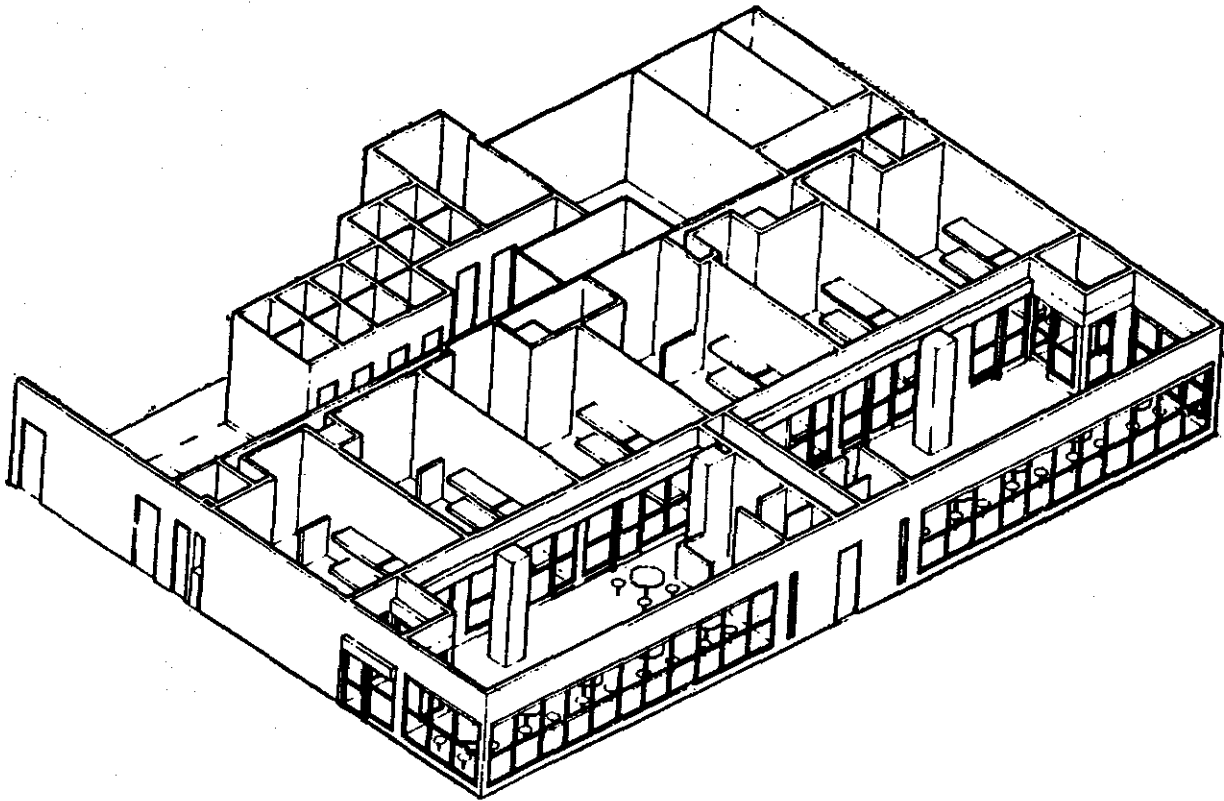
Factors affecting construction costs

Positive: Simple construction methods, phased construction (fast track); good competition

Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems

Factors affecting time schedule

Positive: Advanced order of materials, coordination of design
Negative: Renovation occurred in operational areas



SECOND THROUGH NINTH FLOORS BUILDING - A

Nacogdoches County Law Enforcement Center

Responsible official: Sheriff, Nacogdoches County

Contact: Jack West, Jail Administrator, Nacogdoches County Jail, 2306 Douglas Highway, Nacogdoches, TX 75961, 409-560-7783
Architect: Di Stefano/Santopetro Architects, Inc., 10260 Westheimer, Houston, TX 77042, 713-953-9032
Construction Manager: N/A

Facility type: County jail, complex (combined use)
Jurisdiction type: State, county
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: Law enforcement, courts
Facility location: Urban
Amount of land: 8 acres

Dimensions

Total GSF: 41,000
Total NSF: 38,000
Corrections GSF: 29,000
Corrections NSF: 27,000
Housing area GSF: 29,000
Housing area NSF: 27,000
GSF per inmate (design): 196
GSF per inmate (current): 220
NSF per inmate (design): 182
NSF per inmate (current): 205
Size of cells: 58.5 (single), 533 (dorm)
Net/gross square feet: 93%

Inmate cells

Door material(s): Steel
Type(s) of doors: Sliding
Type(s) of locks: Motor driven and remote locking, electromechanical
Floor surface: Sealed concrete, vinyl tile
Intercom: Two-way to cells and common areas
HVAC: Other energy recycle unit, electric
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors for cells and common areas
Windows: Unknown

Time

Groundbreaking: November 1988
Finish date: January 1990
Construction time: 13 months

Costs

Total: \$3,999,000
Building only: \$3,914,000
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: N/A
Total per GSF: \$97.54
Total per NSF: \$105.24
Total annual operating costs: \$612,367

Construction type

Structural: Load-bearing precast panels, concrete columns and steel beams
Exterior walls: Precast panels
Interior walls: CMU block, steel plate at detention
Exterior surface or facade: Textured concrete
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, duress/fire alarm, door control/monitoring

Inmate design capacity

General population
Single occupancy: 50
Double occupancy: 0
Dorms: 48
Special population
Single occupancy: 2
Double occupancy: 0
Dorms: 48
Total design: 148
Current population: January 1992: 132

Inmate housing areas

Design: Linear, cells on interior of building
Cells per unit: 8
Inmates per unit (design): 8
Inmates per unit (current): 8
Management type (design): Intermittent surveillance, direct supervision
Management type (current): Intermittent and remote surveillance
Means to handle crowding: N/A
Total officers per unit
Day: 4
Evening: 4
Midnight: 4

Construction process

Contract method: Conventional design-bid-build
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only, video camera surveillance; costs included
Inmate security level
Maximum: 34%
Medium: 34%
Minimum: 32%

Current staff

Full-time equivalent
Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs
Positive: Simple construction methods, good competition
Negative: Complex electronic, mechanical, and electrical systems
Factors affecting time schedule
Positive: Simple construction methods
Negative: Slow response or delivery from vendor/supplier

Rusk County Sheriff's Department

Responsible official: Sheriff, Rusk County

Contact: Dale Summers, Lieutenant, Rusk County Sheriff's Department, 210 Charlevoix, Henderson, TX 75652, 903-657-3581

Architect: Creative Environmental Concepts, Inc., 1313 South John Redditt, Lufkin, TX 75901, 409-637-6969

Construction Manager: N/A

Facility type: County jail, complex (combined use)
Jurisdiction type: Federal, State, county, city
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: Law enforcement
Facility location: Urban
Amount of land: 1 acre

Dimensions

Total GSF: Unknown
Total NSF: Unknown
Corrections GSF: Unknown
Corrections NSF: Unknown
Housing area GSF: Unknown
Housing area NSF: Unknown
GSF per inmate (design): Unknown
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: N/A
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Two-way to cells and common areas
HVAC: Heating/air circulation only
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Smoke detectors for cells and common areas, manual alarm stations
Windows: Special security

Time

Groundbreaking: Unknown
Finish date: February 1988
Construction time: Unknown

Costs

Total: \$3,040,510
Building only: \$2,815,510
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: N/A
Total per GSF: Unknown
Total per NSF: Unknown
Total annual operating costs: \$382,115

Construction type

Structural: Cast-in-place concrete frame
Exterior walls: CMU block, brick
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, duress/fire alarm, door control/monitoring, custom control panels, satellite/cable

Inmate design capacity

General population
Single occupancy: 26
Double occupancy: 0
Dorms: 54
Special population
Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 80
Current population: February 1993: 80

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 15
Inmates per unit (design): 15
Inmates per unit (current): 15
Management type (design): Intermittent surveillance
Management type (current): Intermittent surveillance
Means to handle crowding: N/A
Total officers per unit
Day: 3
Evening: 3
Midnight: 3

Construction process

Contract method: Unknown
Finance method: Unknown
Use of inmate labor: Unknown
Use of prefabrication: Unknown

Security

Perimeter: Building exterior only, perimeter patrols and detection/alarm; costs included
Inmate security level
Maximum: 100%
Medium: 0
Minimum: 0

Current staff

Full-time equivalent
Administration: 1
Security: 12
Programs and treatment: 0
Maintenance: 0
Total: 14
Current inmate/staff ratio: 5.7:1
Contracted services: N/A

Architect's reported analysis

Factors affecting construction costs
Positive: N/A
Negative: N/A
Factors affecting time schedule
Positive: N/A
Negative: N/A

(No floorplan available at time of publication)

Oxbow Jail Facility

Responsible official: Sheriff, Salt Lake County

Contact: Captain Dan Ipson, Oxbow Jail Facility, 3152 South 1100 West, South Salt Lake City, UT 84119, 801-974-7727

Architect: Gillies, Stransky, Brems & Smith Architects, 175 South Main Street, Salt Lake City, UT 84101, 801-521-8600

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: County
Commitment type: Sentenced
Category: New construction (independent facility)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Urban
Amount of land: 30 acres

Dimensions

Total GSF: 118,455
Total NSF: 97,130
Corrections GSF: 118,455
Corrections NSF: 97,130
Housing area GSF: 83,186
Housing area NSF: 75,878
GSF per inmate (design): 322
GSF per inmate (current): 643
NSF per inmate (design): 264
NSF per inmate (current): 528
Size of cells: Unknown
Net/gross square feet: 82%

Inmate cells

Door material(s): Polycarbonate
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: One-way to cells, two-way to common areas
HVAC: Gas heat, forced air
Plumbing: Stainless steel
Furniture: Steel, vinyl/plastic
Fire protection: Smoke detectors and sprinklers for cells and common areas
Windows: Slit

Time

Groundbreaking: July 1990
Finish date: October 1991
Construction time: 15 months

Costs

Total: \$9,731,250
Building only: \$9,731,250
Final construction cost: Lower
Housing area: \$6,834,000
Housing per inmate: \$18,571
Housing per cell: Unknown
Total per inmate: \$26,443
Total per GSF: \$82.15
Total per NSF: \$100.18
Total annual operating costs: \$2,947,335

Construction type

Structural: Load-bearing CMU block with metal deck and steel joists
Exterior walls: CMU block
Interior walls: CMU block
Exterior surface or facade: CMU block
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, door control/monitoring, custom control panels, satellite/cable

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 368

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 368

Current population: April 1993: 184

Inmate housing areas

Design: Modular/pod
Cells per unit: 2
Inmates per unit (design): 184
Inmates per unit (current): 184
Management type (design): Remote surveillance, direct supervision
Management type (current): Direct supervision
Means to handle crowding: Open additional unit
Total officers per unit
Day: 3
Evening: 3
Midnight: 2

Construction process

Contract method: Conventional design-bid-build
Finance method: Local general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Building exterior only, video camera surveillance; costs included

Inmate security level

Maximum: 0
Medium: 0
Minimum: 100%

Current staff

Full-time equivalent

Administration: 3
Security: 34
Programs and treatment: 17
Maintenance: 8
Total: 62
Current inmate/staff ratio: 3:1
Contracted services: N/A

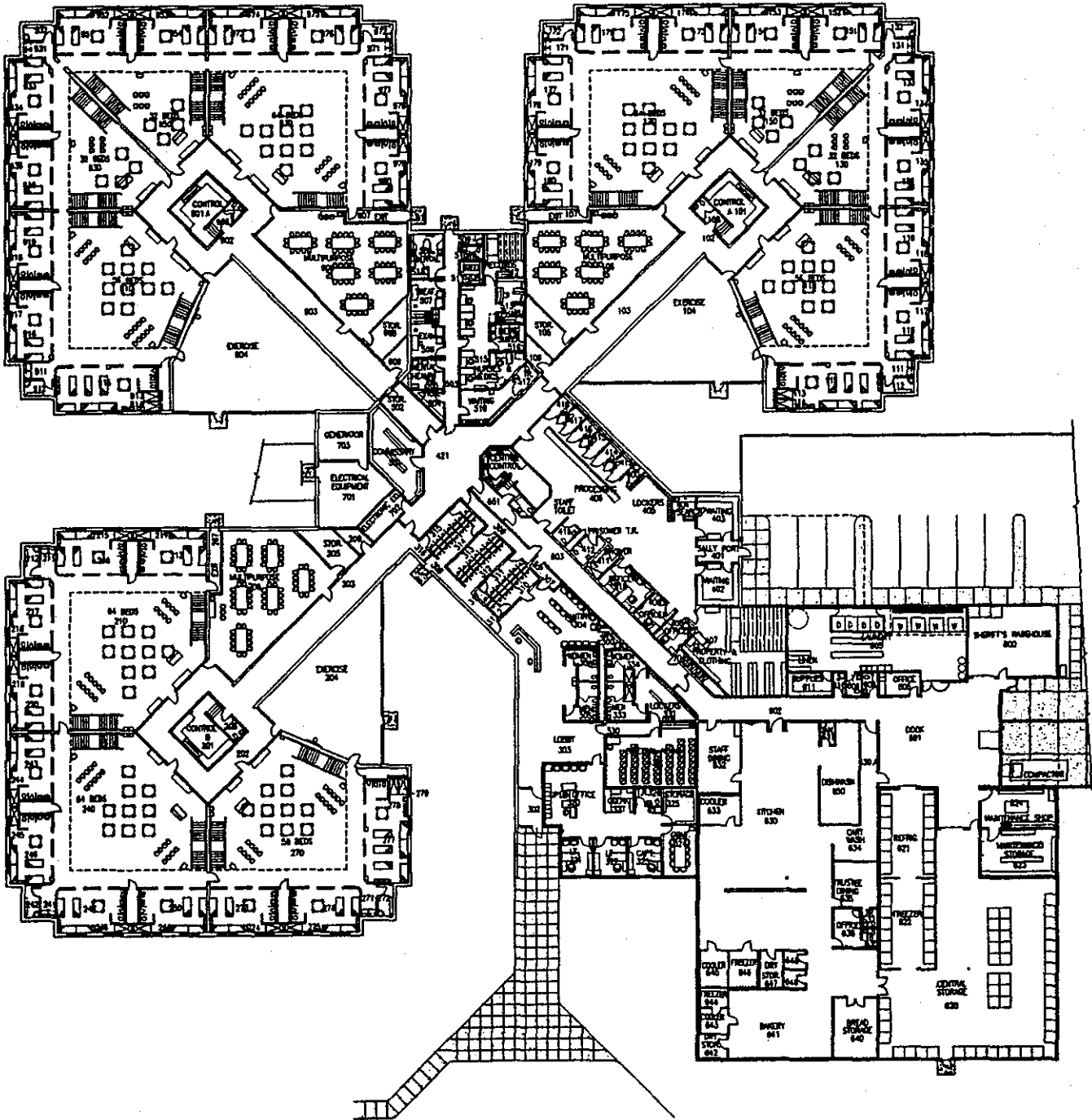
Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition, less expensive materials
Negative: Difficult site conditions

Factors affecting time schedule

Positive: Simple construction methods, coordination of design
Negative: N/A



Clarke-Frederick-Winchester Regional Adult Detention Center

Responsible official: County Administrator, Jail Board Chairman

Contact: Darnley R. Hodge, Administrator, Clarke-Frederick-Winchester Regional Adult Detention Center, 1026 Fort Collier Road, Winchester, VA 22601, 703-665-6374

Architect: Sherertz Franklin Crawford Shaffner, 305 South Jefferson Street, Roanoke, VA 24011, 703-344-6664

Construction Manager: N/A

Facility type: Regional jail
Jurisdiction type: Federal, State, county, city
Commitment type: Pretrial, sentenced
Category: New construction (independent facility)
Building configuration: Clusters
Complex use: N/A
Facility location: Suburb
Amount of land: 20 acres

Dimensions

Total GSF: 99,000
Total NSF: Unknown
Corrections GSF: 99,000
Corrections NSF: Unknown
Housing area GSF: 62,900
Housing area NSF: Unknown
GSF per inmate (design): Unknown
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: N/A
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Unknown
HVAC: Forced air
Plumbing: Stainless steel
Furniture: Concrete
Fire protection: Smoke detectors for common areas, sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: October 1989
Finish date: March 1991
Construction time: 17 months

Costs

Total: \$15,400,000
Building only: \$13,500,000
Final construction cost: Higher
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: Unknown
Total per GSF: Unknown
Total per NSF: Unknown
Total annual operating costs: \$3,352,591

Construction type

Structural: Load-bearing masonry, precast planks
Exterior walls: Brick
Interior walls: CMU block
Exterior surface or facade: Brick
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population

Single occupancy: 194
Double occupancy: 0

Dorms: 0

Special population

Single occupancy: 34
Double occupancy: 0
Dorms: 72

Total design: 300

Current population: May 1992: 255

Inmate housing areas

Design: Modular/pod
Cells per unit: 96
Inmates per unit (design): 96
Inmates per unit (current): Unknown
Management type (design): Direct supervision
Management type (current): Remote surveillance, direct supervision
Means to handle crowding: N/A
Total officers per unit
Day: 1
Evening: 1
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: Cost shared by local jurisdictions
Use of inmate labor: None
Use of prefabrication: Limited; structural planks

Security

Perimeter: Building exterior only, video camera surveillance; costs excluded

Inmate security level

Maximum: 17%
Medium: 57%
Minimum: 13%
Other: 13%

Current staff

Full-time equivalent

Administration: 9
Security: 73
Programs and treatment: 7
Maintenance: 6
Total: 95
Current inmate/staff ratio: 2.7:1
Contracted services: Medical

Architect's reported analysis

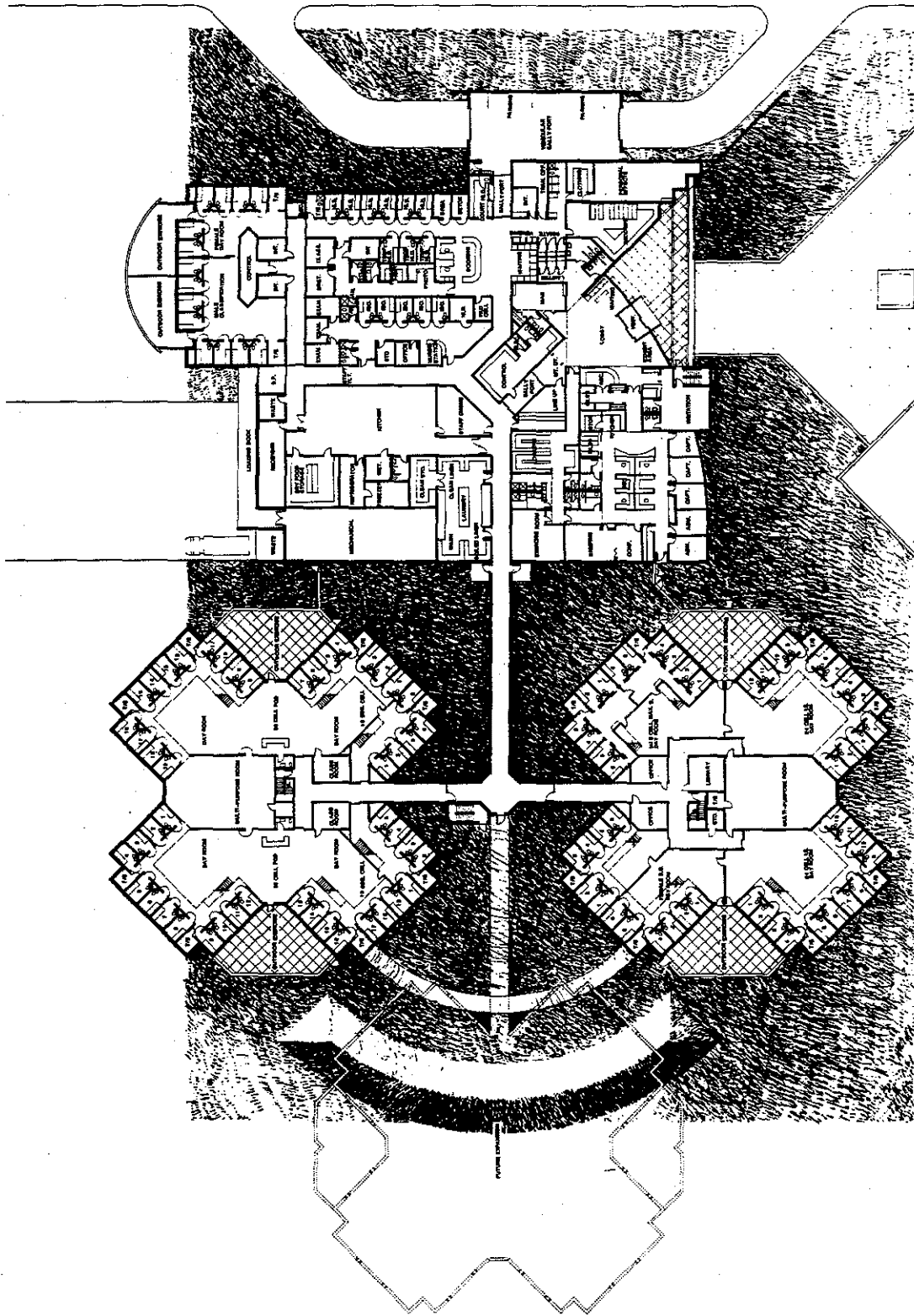
Factors affecting construction costs

Positive: Simple construction methods, good competition, less expensive materials
Negative: N/A

Factors affecting time schedule

Positive: Simple construction methods, coordination of design
Negative: N/A

SFCS
ARCHITECTS



FIRST FLOOR PLAN 1" = 16'-0"

Greensville Correctional Center

Responsible official: Director, Virginia Department of Corrections

Contact: Ellis B. Wright Jr., Chief Warden, Greensville Correctional Center, 901 Corrections Way, Jarratt, VA 23870-9614, 804-535-7000

Architect: Daniel, Mann, Johnson & Mendenhall (DMJM), 300 East 42nd Street, New York, NY 10017, 212-983-2400

Construction Manager: Morrison Knudson, 2430 Southland Drive, Chester, VA 23831, 804-796-1555

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Rural
Amount of land: 1,125 acres

Dimensions

Total GSF: 883,211
Total NSF: 560,000
Corrections GSF: 883,211
Corrections NSF: 560,000
Housing area GSF: 425,736
Housing area NSF: 281,592
GSF per inmate (design): 387
GSF per inmate (current): 359
NSF per inmate (design): 245
NSF per inmate (current): 228
Size of cells: 74.5 (single and double)
Net/gross square feet: 63%

Inmate cells

Door material(s): Steel
Type(s) of doors: Sliding
Type(s) of locks: Remote locking
Floor surface: Sealed concrete
Intercom: Inmate duress alarm
HVAC: Heating/air circulation, forced air
Plumbing: Stainless steel combination unit
Furniture: Steel
Fire protection: Smoke detectors and
sprinklers for cells and common areas
Windows: Special security and screens

Security

Perimeter: Double fence, perimeter patrols
and detection/alarm, razor wire on and
between fence(s), towers, video camera
surveillance; costs included

Inmate security level

Maximum: 100%
Medium: 0
Minimum: 0

Current staff

Full-time equivalent

Administration: 65
Security: 673
Programs and treatment: 38
Maintenance: 39
Total: 910
Current inmate/staff ratio: 2.7:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs

Positive: Prefabricated components; simple
construction methods, phased construction
(fast track); less expensive materials

Negative: Difficult site conditions

Factors affecting time schedule

Positive: N/A
Negative: N/A

Time

Groundbreaking: December 1988
Finish date: June 1991
Construction time: 22 months

Costs

Total: \$106,000,000
Building only: Unknown
Final construction cost: Higher
Housing area: \$42,397,596
Housing per inmate: \$20,286
Housing per cell: \$27,400
Total per inmate: \$46,450
Total per GSF: \$120.02
Total per NSF: \$189.28
Total annual operating costs: \$36,016,016

Construction type

Structural: Load-bearing precast panels,
precast concrete frame
Exterior walls: Precast panels
Interior walls: Precast panels, cast-in-place
concrete, CMU block
Exterior surface or facade: Natural wall,
textured concrete
Electronic technology systems: Lighting
protection, CCTV surveillance, staff
intercommunication, paging and sound
system, duress/fire alarm, door control/
monitoring, card access, custom control
panels, perimeter detection/alarm, satellite/
cable

Inmate design capacity

General population

Single occupancy: 1,006
Double occupancy: 1,084
Dorms: 0

Special population

Single occupancy: 192
Double occupancy: 0
Dorms: 0

Total design: 2,282

Current population: April 1993: 2,459

Inmate housing areas

Design: Modular/pod
Cells per unit: 43
Inmates per unit (design): 58
Inmates per unit (current): 67
Management type (design): Remote
surveillance

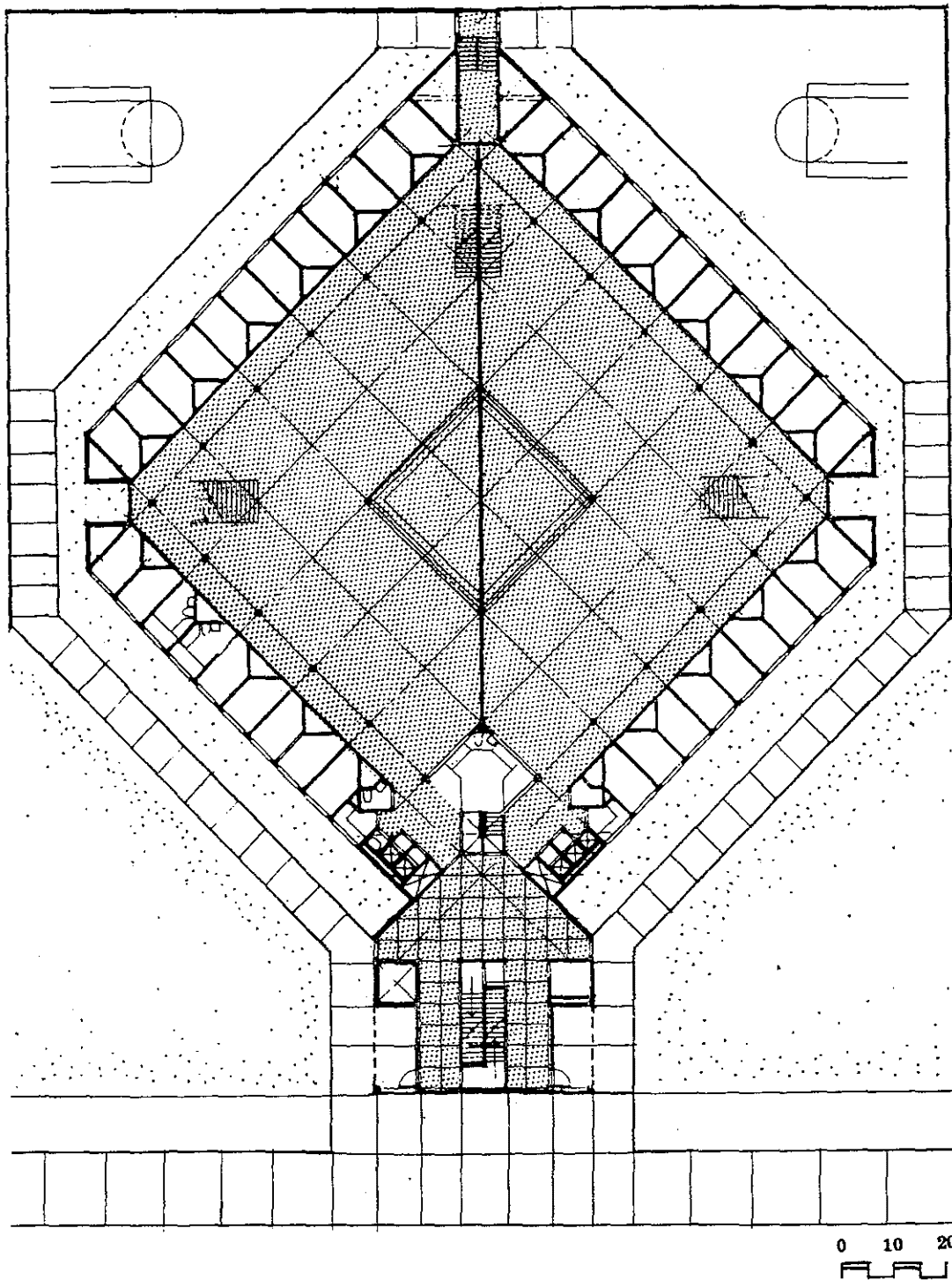
Management type (current): Intermittent
and remote surveillance, direct supervision
Means to handle crowding: Bunk beds in
cells, second bunk permanently attached

Total officers per unit

Day: 4
Evening: 4
Midnight: 4

Construction process

Contract method: Construction manager/
guaranteed maximum price (GMP)
Finance method: State general obligation
bonds
Use of inmate labor: None
Use of prefabrication: Extensive; precast
concrete walls and structural tees



Keen Mountain Correctional Center

Responsible official: Director, Virginia Department of Corrections

Contact: Bob Beck, Warden, Keen Mountain Correctional Center, P.O. Box 860, Oakwood, VA 24631, 703-498-7411

Architect: Daniel, Mann, Johnson & Mendenhall (DMJM), 300 East 42nd Street, New York, NY 10017, 212-983-2400

Construction Manager: Fluor Daniel, 100 Fluor Daniel Drive, Greenville, SC 29607-2762, 803-281-4400

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Unknown
Amount of land: Unknown

Dimensions

Total GSF: 306,414
Total NSF: 205,000
Corrections GSF: 306,414
Corrections NSF: 205,000
Housing area GSF: 141,912
Housing area NSF: 93,864
GSF per inmate (design): 440
GSF per inmate (current): Unknown
NSF per inmate (design): 294
NSF per inmate (current): Unknown
Size of cells: 74.5 (single and double)
Net/gross square feet: 67%

Inmate cells

Door material(s): Steel
Type(s) of doors: Sliding
Type(s) of locks: Remote locking only
Floor surface: Sealed concrete
Intercom: Two-way to common areas
HVAC: Heating/air circulation, forced air
Plumbing: China, stainless steel
combination unit
Furniture: Steel
Fire protection: Smoke detectors and
sprinklers for cells and common areas
Windows: Special security, security screens

Time

Groundbreaking: December 1988
Finish date: Unknown
Construction time: 22 months

Costs

Total: \$41,000,000
Building only: Unknown
Final construction cost: Unknown
Housing area: \$14,132,532
Housing per inmate: \$20,305
Housing per cell: \$27,389
Total per inmate: \$58,908
Total per GSF: \$133.81
Total per NSF: \$200
Total annual operating costs: Unknown

Construction type

Structural: Load-bearing precast panels,
precast concrete cells
Exterior walls: Precast panels
Interior walls: Precast panels, cast-in-place
concrete, CMU block
Exterior surface or facade: Natural wall,
textured concrete
Electronic technology systems: Lighting
protection, CCTV surveillance, staff
intercommunication, paging and sound
system, duress/fire alarm, door control/
monitoring, card access, custom control
panels, perimeter detection/alarm, satellite/
cable

Inmate design capacity

General population

Single occupancy: 336
Double occupancy: 360
Dorms: 0

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 696
Current population: Unknown

Inmate housing areas

Design: Modular/pod
Cells per unit: 43
Inmates per unit (design): 58
Inmates per unit (current): Unknown
Management type (design): Remote
surveillance
Management type (current): Unknown
Means to handle crowding: Unknown

Total officers per unit

Day: Unknown
Evening: Unknown
Midnight: Unknown

Construction process

Contract method: Construction Manager/
Guaranteed Maximum Price (GMP)
Finance method: State general obligation
bonds
Use of inmate labor: None
Use of prefabrication: Extensive; precast
concrete cells, precast concrete structural
tees for roofs and exterior walls

Security

Perimeter: Double fence, perimeter patrols
and detection/alarm, razor wire on and
between fence(s), towers; costs included

Inmate security level

Maximum: 100%
Medium: 0
Minimum: 0

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: Unknown
Current inmate/staff ratio: Unknown
Contracted services: Unknown

Architect's reported analysis

Factors affecting construction costs

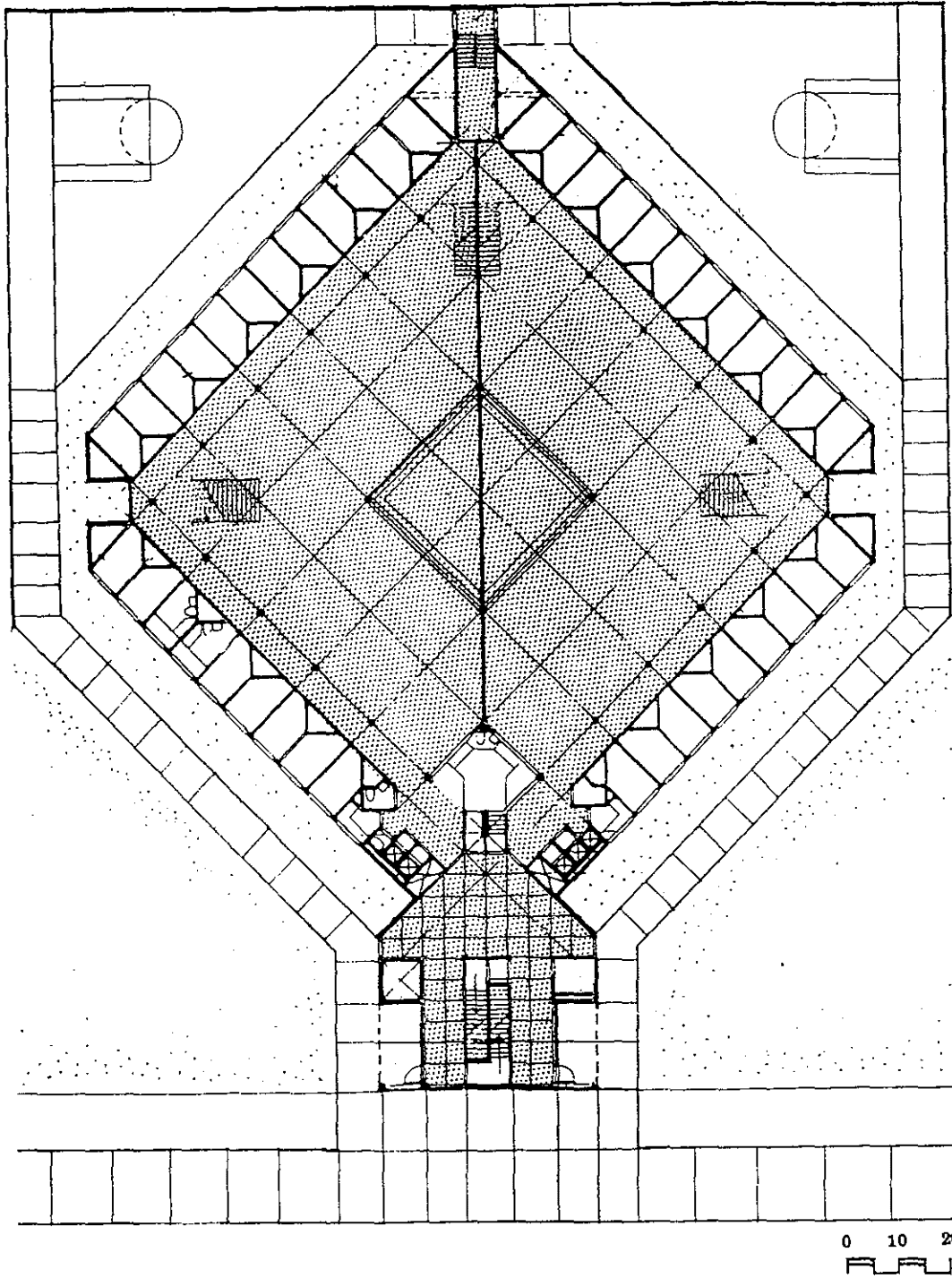
Positive: Prefabricated components, simple
construction methods

Negative: Difficult site conditions

Factors affecting time schedule

Positive: N/A

Negative: N/A



Lorton Maximum Security Facility

Responsible official: Administrator, District of Columbia Department of Corrections

Contact: Clarence Cotton, Project Manager, Lorton Maximum Security Facility, Furnace Road, Lorton, VA 22079, 202-939-7198

Architect: N/A

Construction Manager: Scotsman Buildings, 8211 Town Center Drive, Baltimore, MD 21236, 410-931-6000

Facility type: State prison
Jurisdiction type: City
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Integrated structure
Complex use: N/A
Facility location: Suburb
Amount of land: 10 acres

Dimensions

Total GSF: Unknown
Total NSF: Unknown
Corrections GSF: Unknown
Corrections NSF: Unknown
Housing area GSF: 22,320
Housing area NSF: Unknown
GSF per inmate (design): Unknown
GSF per inmate (current): Unknown
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 3,240 (dorm)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Vinyl tile
Intercom: Two-way to cells and common areas
HVAC: Forced air
Plumbing: China
Furniture: Unknown
Fire protection: Smoke detectors and sprinklers for dorms and common areas, manual alarm stations
Windows: Standard and bars, security screens

Time

Groundbreaking: March 1990
Finish date: September 1990
Construction time: 6 months

Costs

Total: \$4,100,000
Building only: \$2,400,000
Final construction cost: Lower
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: \$20,500
Total per GSF: Unknown
Total per NSF: Unknown
Total annual operating costs: \$1,188,000

Construction type

Structural: Steel frame
Exterior walls: Steel stud, drywall
Interior walls: Steel stud, drywall
Exterior surface or facade: Metal siding
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring

Inmate design capacity

General population

Single occupancy: 0
Double occupancy: 0
Dorms: 200

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 200
Current population: Unknown

Inmate housing areas

Design: Dorms
Cells per unit: 1
Inmates per unit (design): 50
Inmates per unit (current): 85
Management type (design): Remote surveillance
Management type (current): Remote surveillance
Means to handle crowding: Transfer to another facility

Total officers per unit

Day: 4
Evening: 4
Midnight: 2

Construction process

Contract method: Turnkey design-build
Finance method: Cost shared by local jurisdictions
Use of inmate labor: None
Use of prefabrication: Extensive; module buildings

Security

Perimeter: Double fence, razor wire on fence(s), towers, perimeter patrols, video camera surveillance; costs excluded

Inmate security level

Maximum: 100%
Medium: 0
Minimum: 0

Current staff

Full-time equivalent

Administration: Unknown
Security: Unknown
Programs and treatment: Unknown
Maintenance: Unknown
Total: 297
Current inmate/staff ratio: Unknown
Contracted services: Unknown

Architect's reported analysis

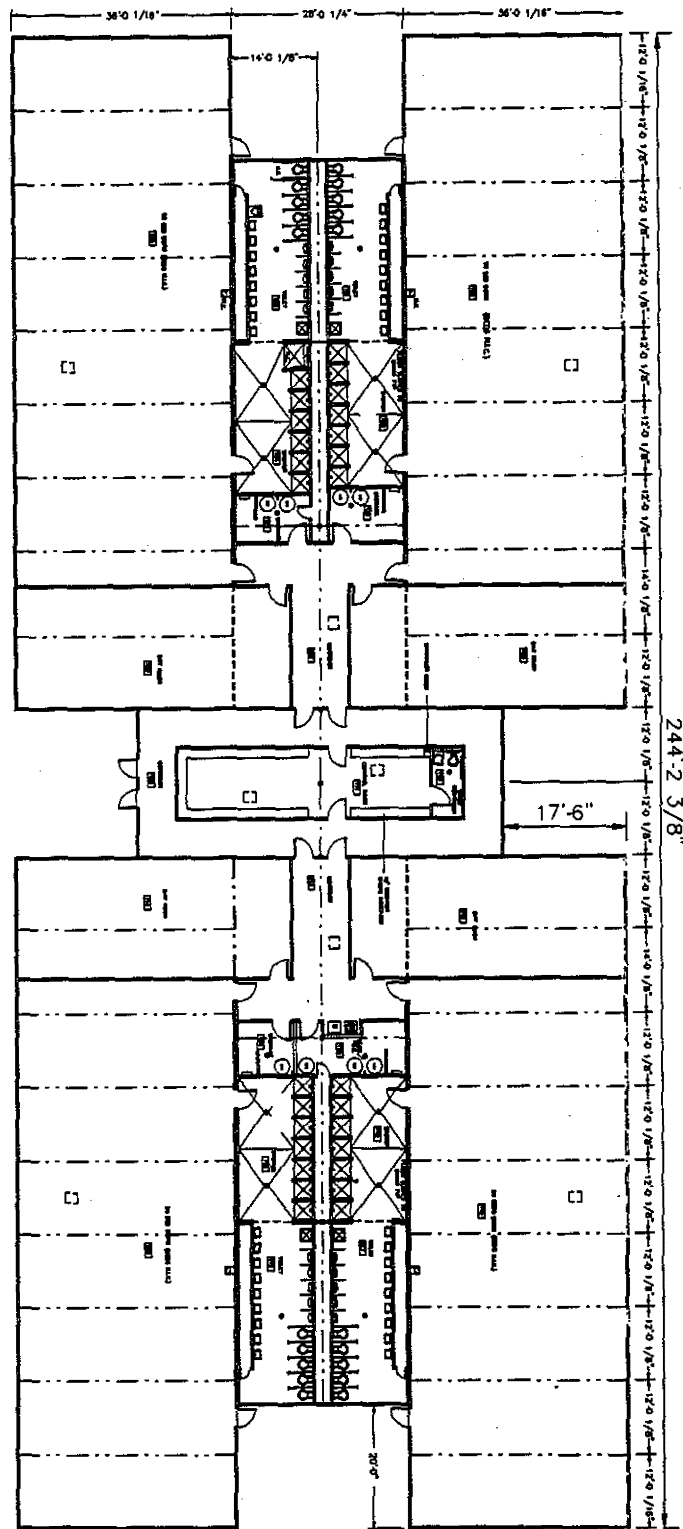
Factors affecting construction costs

Positive: Prefabricated components; simple construction methods, phased construction (fast track); fast track modular construction

Negative: Government procedures and regulations, high labor cost onsite and low labor cost for offsite module production

Factors affecting time schedule

Positive: Prefabricated components
Negative: Government procedures and regulations, lengthy approval time



Clallam Bay Correctional Center

Responsible official: Secretary, Washington Department of Corrections

Contact: Bob Wright, Superintendent, Clallam Bay Correctional Center, HC 63 Box 5000, Clallam Bay, WA 98326-9775, 206-963-3200

Architect: John Graham Associates, P.O. Box 521166, Tulsa, OK 74114-1720, 404-876-3800

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction (separate but ancillary building)
Building configuration: Campus style, clusters, courtyard
Complex use: N/A
Facility location: Rural
Amount of land: N/A

Dimensions

Total GSF: 127,228
Total NSF: Unknown
Corrections GSF: 127,228
Corrections NSF: Unknown
Housing area GSF: 66,435
Housing area NSF: 48,915
GSF per inmate (design): 318
GSF per inmate (current): 318
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: 88 (single)
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote locking only
Floor surface: Lino/sheet vinyl, epoxy coating, sealed concrete, vinyl tile
Intercom: Two-way to common areas
HVAC: Forced air
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit and special security

Time

Groundbreaking: July 1991
Finish date: February 1993
Construction time: 20 months

Costs

Total: \$13,200,000
Building only: \$13,200,000
Final construction cost: Lower
Housing area: \$6,155,995
Housing per inmate: \$15,400
Housing per cell: \$15,400
Total per inmate: \$33,000
Total per GSF: \$103.75
Total per NSF: Unknown
Total annual operating costs: \$2,974,236

Construction type

Structural: Steel frame, load-bearing masonry
Exterior walls: CMU block
Interior walls: Cast-in-place concrete, CMU block
Exterior surface or facade: Stucco
Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels

Inmate design capacity

General population

Single occupancy: 400
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 0
Double occupancy: 0
Dorms: 0

Total design: 400
Current population: October 1992: 400

Inmate housing areas

Design: Modular/pod
Cells per unit: 50
Inmates per unit (design): 50
Inmates per unit (current): 50
Management type (design): Direct supervision
Management type (current): Direct supervision
Means to handle crowding: Transfer to another facility, second bunk permanently attached

Total officers per unit

Day: 7
Evening: 7
Midnight: 7

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: Limited; painting, fabrication of cell furniture
Use of prefabrication: None

Security

Perimeter: Building exterior only, double fence, razor wire on and between fence(s), towers, perimeter patrols; costs included

Inmate security level

Maximum: 0
Medium: 100%
Minimum: 0

Current staff

Full-time equivalent

Administration: 14
Security: 111
Programs and treatment: 221
Maintenance: 25
Total: 371
Current inmate/staff ratio: 1.1:1
Contracted services: Medical, educational programs, water

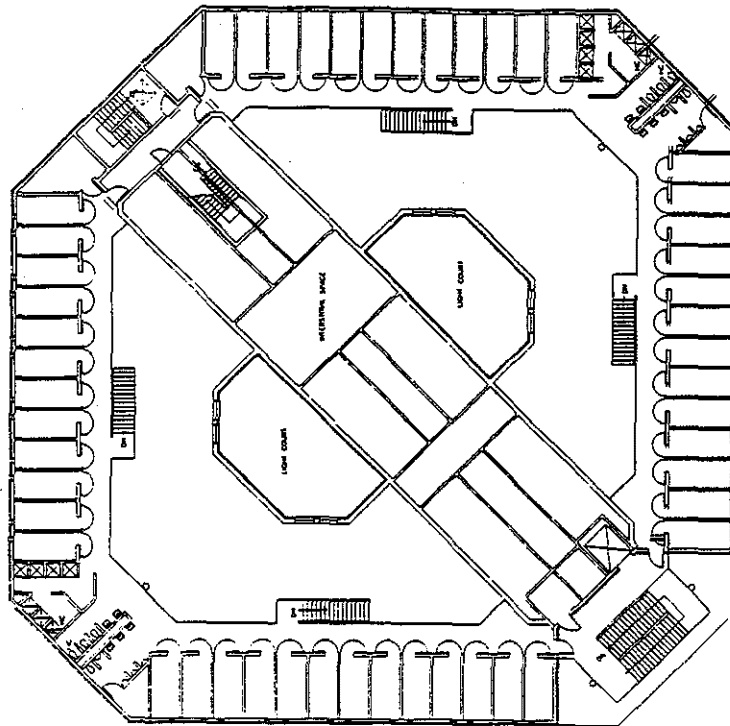
Architect's reported analysis

Factors affecting construction costs

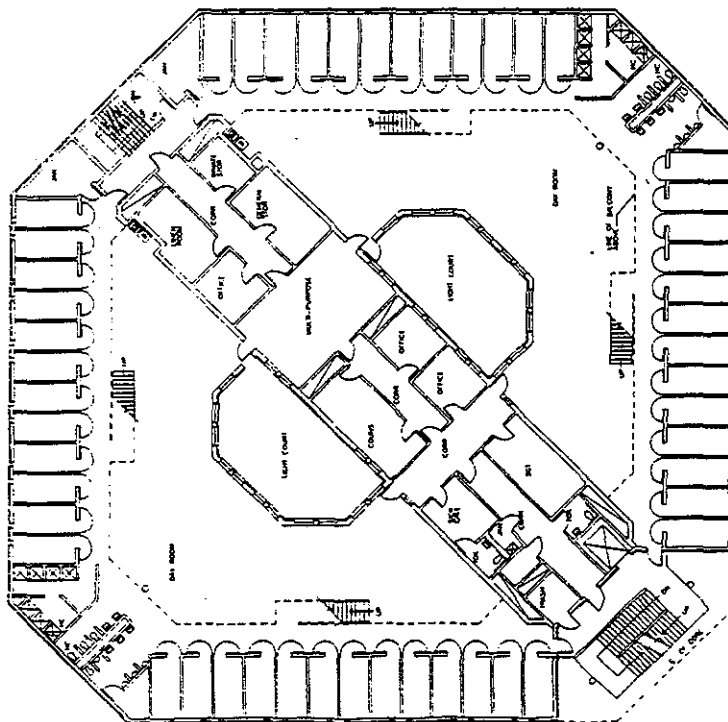
Positive: Simple construction methods, less expensive materials
Negative: Slow construction and lengthy building time, high labor costs, difficult site conditions

Factors affecting time schedule

Positive: N/A
Negative: Labor problems, weather problems



FOURTH FLOOR



THIRD FLOOR

Columbia Correctional Institution

Responsible official: Secretary, Wisconsin Department of Corrections

Contact: Jeff Endicott, Warden, Columbia Correctional Institution, Route 3, Highway 127, P.O. Box 950, Portage, WI 53901, 608-742-9100

Architect: Hellmuth, Obata & Kassabaum, 1831 Chestnut Street, St. Louis, MO 63103, 314-421-2000

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

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility)
Building configuration: Campus style
Complex use: N/A
Facility location: Urban
Amount of land: 150 acres

Dimensions

Total GSF: 296,600
Total NSF: 207,620
Corrections GSF: 296,600
Corrections NSF: 207,620
Housing area GSF: 176,860
Housing area NSF: 123,800
GSF per inmate (design): 580
GSF per inmate (current): 516
NSF per inmate (design): 406
NSF per inmate (current): 361
Size of cells: 80 (single)
Net/gross square feet: 70%

Inmate cells

Door material(s): Steel
Type(s) of doors: Sliding
Type(s) of locks: Motor driven and remote locking
Floor surface: Sealed concrete
Intercom: Two-way to cells
HVAC: Gas heat
Plumbing: China
Furniture: Steel
Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations
Windows: Slit

Time

Groundbreaking: February 1984
Finish date: May 1986
Construction time: 27 months

Costs

Total: \$30,362,286
Building only: \$27,739,014
Final construction cost: Lower
Housing area: \$18,100,000
Housing per inmate: \$40,222
Housing per cell: Unknown
Total per inmate: \$59,417
Total per GSF: \$102.37
Total per NSF: \$146.24
Total annual operating costs: \$13,083,358

Construction type

Structural: Steel frame
Exterior walls: CMU block
Interior walls: Cast-in-place concrete, CMU block
Exterior surface or facade: Brick
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, custom control panels, perimeter detection/alarm

Inmate design capacity

General population

Single occupancy: 450
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 61
Double occupancy: 0
Dorms: 0
Total design: 511
Current population: April 1993: 575

Inmate housing areas

Design: Linear, cells on outside walls
Cells per unit: 50
Inmates per unit (design): 50
Inmates per unit (current): 62
Management type (design): Intermittent surveillance
Management type (current): Remote surveillance, direct supervision
Means to handle crowding: Second bunk permanently attached
Total officers per unit
Day: 2
Evening: 2
Midnight: 1

Construction process

Contract method: Conventional design-bid-build
Finance method: State general obligation bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Double fence, perimeter patrols and detection/alarm, razor wire on and between fence(s), towers, video camera surveillance; costs included

Inmate security level

Maximum: 100%
Medium: 0
Minimum: 0

Current staff

Full-time equivalent

Administration: 12
Security: 218
Programs and treatment: 34
Maintenance: 10
Total: 274
Current inmate/staff ratio: 2.1:1
Contracted services: Medical

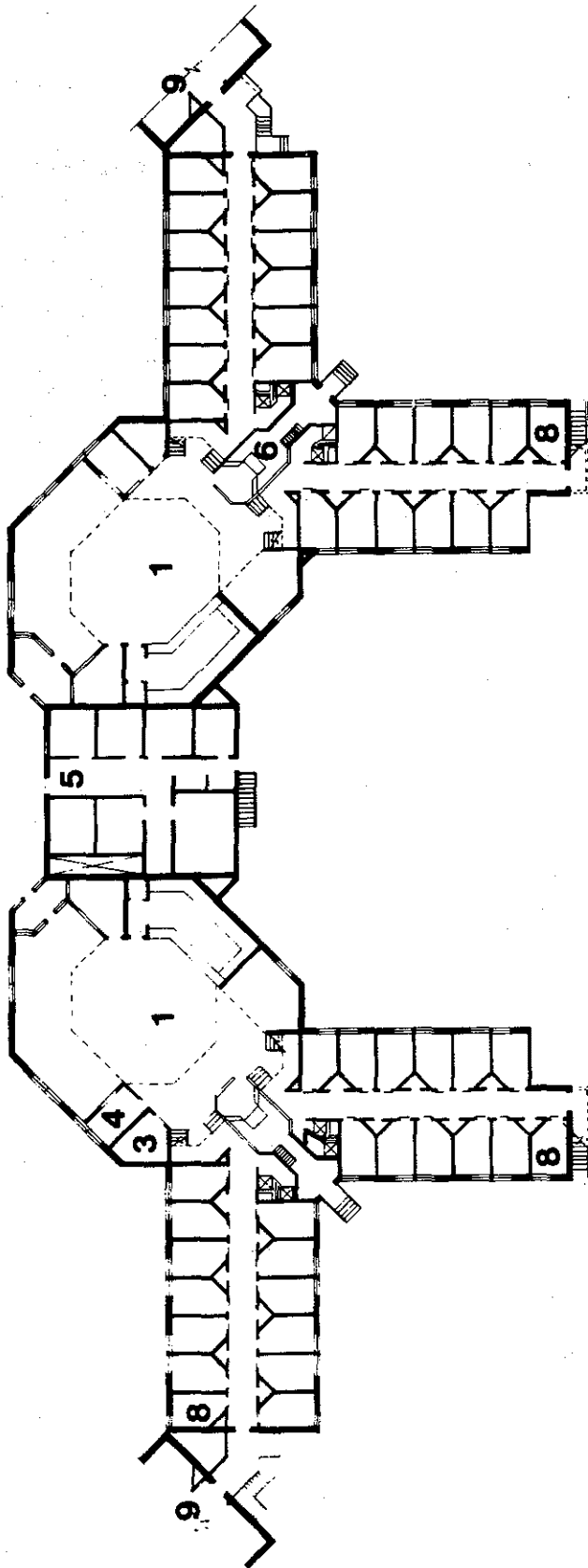
Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods, good competition, nine identical housing units
Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems; long lead time for detention equipment

Factors affecting time schedule

Positive: Simple construction methods, coordination of design, onsite supervision
Negative: Slow response or delivery from vendor/supplier; complex electronic, mechanical, and electrical systems



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

Milwaukee County Jail and Criminal Justice Facility

Responsible official: Sheriff, Milwaukee County

Contact: John Logowski, Acting Director, Milwaukee County Jail and Criminal Justice Facility, 949 North Ninth Street, Milwaukee, WI 53213, 414-226-7050

Architect: Venture Architects, 205 West Highland, Milwaukee, WI 53203, 414-271-3359

Construction Manager: CRSS/BOLDT, Oscar J. Boldt Construction Company, P.O. Box 8, Waukesha, WI 53188, 414-544-9118

Facility type: County jail, complex (combined use)

Jurisdiction type: State, county

Commitment type: Pretrial, sentenced

Category: New construction (separate but ancillary building)

Building configuration: Highrise

Complex use: Law enforcement, courts

Facility location: Urban

Amount of land: Unknown

Dimensions

Total GSF: 436,000

Total NSF: Unknown

Corrections GSF: 335,000

Corrections NSF: Unknown

Housing area GSF: 253,000

Housing area NSF: Unknown

GSF per inmate (design): 420

GSF per inmate (current): 447

NSF per inmate (design): Unknown

NSF per inmate (current): Unknown

Size of cells: 70 (single)

Net/gross square feet: Unknown

Inmate cells

Door material(s): Wood, metal

Type(s) of doors: Swinging, sliding

Type(s) of locks: Manual locking

Floor surface: Sealed concrete

Intercom: Two-way to cells

HVAC: Hot water, forced air

Plumbing: China, stainless steel

Furniture: Concrete

Fire protection: Smoke detectors and sprinklers for cells and common areas, manual alarm stations

Windows: Slit

Time

Groundbreaking: November 1989

Finish date: October 1992

Construction time: 36 months

Costs

Total: \$76,843,324

Building only: \$75,419,075

Final construction cost: Lower

Housing area: \$43,763,821

Housing per inmate: \$58,222

Housing per cell: \$54,842

Total per inmate: N/A

Total per GSF: \$176.25

Total per NSF: Unknown

Total annual operating costs: Unknown

Construction type

Structural: Cast-in-place concrete frame

Exterior walls: Precast panels, cast-in-place concrete, stone

Interior walls: Cast-in-place concrete, CMU block

Exterior surface or facade: Textured concrete, stone

Electronic technology systems: Lighting protection, CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, door control/monitoring, card access, custom control panels, integrated computerized information system for jail, booking, and court

Inmate design capacity

General population

Single occupancy: 744

Double occupancy: 0

Dorms: 0

Special population

Single occupancy: 54

Double occupancy: 0

Dorms: 0

Total design: 798

Current population: March 1993: 750

Inmate housing areas

Design: Modular/pod

Cells per unit: 48

Inmates per unit (design): 48

Inmates per unit (current): Unknown

Management type (design): Remote surveillance, direct supervision

Management type (current): Intermittent surveillance

Means to handle crowding: Transfer to another facility, release by special master

Total officers per unit

Day: 1

Evening: 1

Midnight: 1

Construction process

Contract method: Multiple bid packages (fast track)

Finance method: Local general obligation bonds

Use of inmate labor: None

Use of prefabrication: Extensive

Security

Perimeter: Building exterior only; costs excluded

Inmate security level

Maximum: 100%

Medium: 0

Minimum: 0

Current staff

Full-time equivalent

Administration: 21

Security: 128

Programs and treatment: 14

Maintenance: 9

Total: 172

Current inmate/staff ratio: 4.4:1

Contracted services: Food

Architect's reported analysis

Factors affecting construction costs

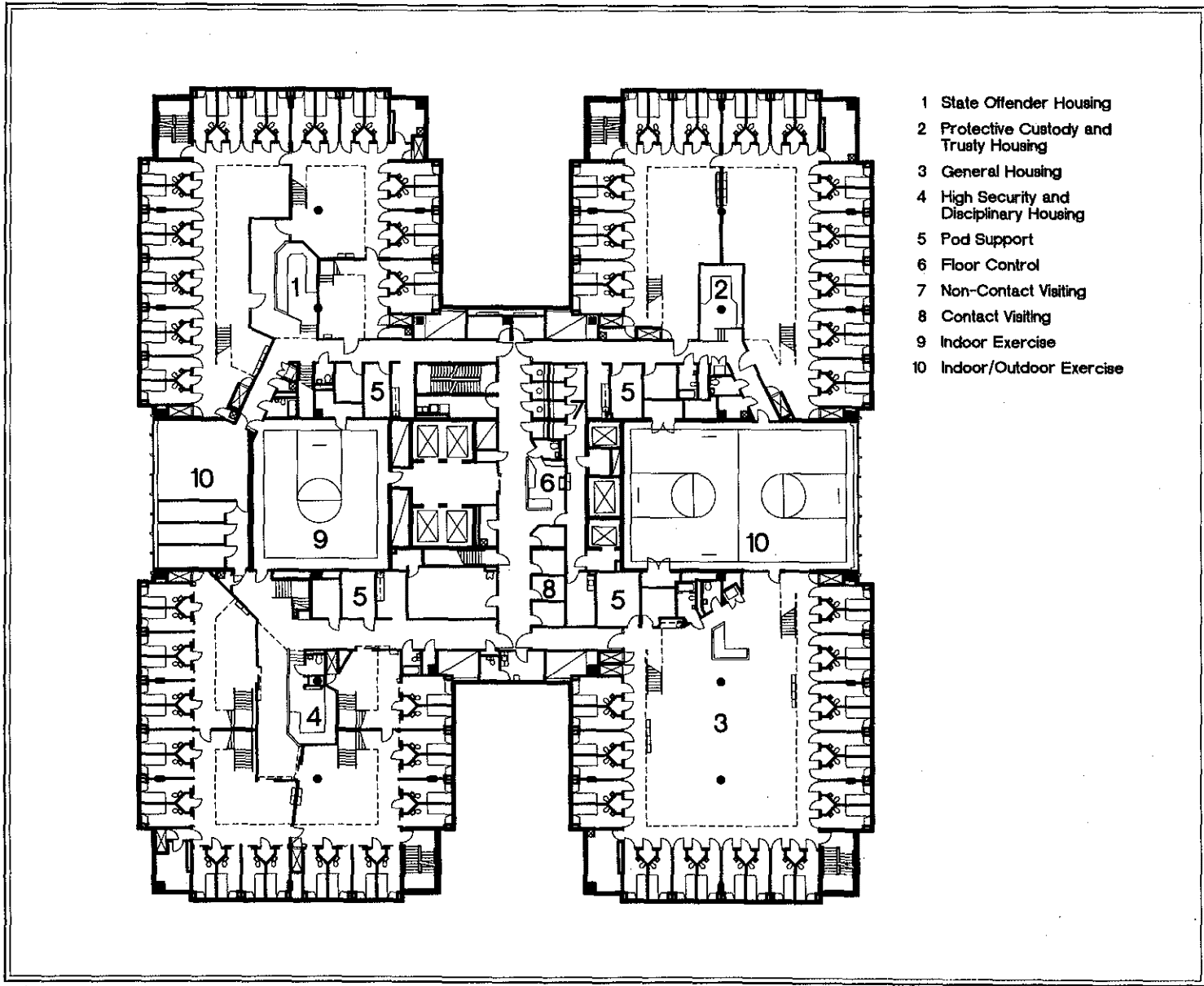
Positive: Prefabricated components; simple construction methods, phased construction (fast track); good competition, less expensive materials

Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems

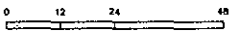
Factors affecting time schedule

Positive: Prefabricated components; simple construction methods, phased construction (fast track); advanced order of materials; coordination of design

Negative: Weather problems



- 1 State Offender Housing
- 2 Protective Custody and Trusty Housing
- 3 General Housing
- 4 High Security and Disciplinary Housing
- 5 Pod Support
- 6 Floor Control
- 7 Non-Contact Visiting
- 8 Contact Visiting
- 9 Indoor Exercise
- 10 Indoor/Outdoor Exercise



LEVEL FIVE MAIN



Racine Correctional Institution

Responsible official: Secretary, Wisconsin Department of Corrections

Contact: Oscar Shade, Warden, Racine Correctional Institution, P.O. Box 900, Sturtevant, WI 53177-0900, 414-886-3214

Architect: Venture Architects, 205 West Highland, Milwaukee, WI 53203, 414-271-3359

Construction Manager: N/A

Facility type: State prison
Jurisdiction type: State
Commitment type: Sentenced
Category: New construction
(independent facility), remodel/
renovation
Building configuration: Campus style
Complex use: N/A
Facility location: Suburb
Amount of land: 52 acres

Dimensions

Total GSF: 352,500
Total NSF: 188,500
Corrections GSF: 352,500
Corrections NSF: 188,500
Housing area GSF: 193,830
Housing area NSF: 116,300
GSF per inmate (design): 501
GSF per inmate (current): 402
NSF per inmate (design): 268
NSF per inmate (current): 215
Size of cells: 80 (single)
Net/gross square feet: 53%

Inmate cells

Door material(s): Wood, steel
Type(s) of doors: Swinging, sliding
Type(s) of locks: Remote and manual
locking
Floor surface: Sealed concrete, vinyl tile
Intercom: Two-way to cells
HVAC: Heating/air circulation, steam heat,
forced air, central plant/hot water
Plumbing: Unknown
Furniture: Steel
Fire protection: Smoke detectors and
sprinklers for cells and common areas,
manual alarm stations
Windows: Commercial grade with bars

Time

Groundbreaking: March 1989
Finish date: April 1991
Construction time: 25 months

Costs

Total: \$53,000,000
Building only: \$30,324,241
Final construction cost: Lower
Housing area: \$25,829,997
Housing per inmate: \$39,738
Housing per cell: \$39,738
Total per inmate: \$75,391
Total per GSF: \$150.35
Total per NSF: \$281.17
Total annual operating costs: \$12,312,734

Construction type

Structural: Precast concrete frame, load-
bearing masonry, brick
Exterior walls: CMU block, exterior
insulation finish system
Interior walls: CMU block
Exterior surface or facade: Brick, exterior
insulation finish system
Electronic technology systems: CCTV
surveillance, staff intercommunication,
inmate intercom, paging and sound
system, duress/fire alarm, door control/
monitoring, card access, custom control
panels, perimeter detection/alarm, satellite/
cable

Inmate design capacity

General population

Single occupancy: 650
Double occupancy: 0
Dorms: 0

Special population

Single occupancy: 53
Double occupancy: 0
Dorms: 0
Total design: 703
Current population: April 1993: 877

Inmate housing areas

Design: Modular/pod
Cells per unit: 100
Inmates per unit (design): 100
Inmates per unit (current): 125
Management type (design): Remote
surveillance, direct supervision
Management type (current): Direct
supervision
Means to handle crowding: Transfer to
another facility, bunk beds in cells,
mattresses on floor
Total officers per unit
Day: 2
Evening: 2
Midnight: 2

Construction process

Contract method: Conventional design-bid-
build
Finance method: State general obligation
bonds
Use of inmate labor: None
Use of prefabrication: None

Security

Perimeter: Double fence, perimeter patrols
and detection/alarm, razor wire on
fence(s), towers; costs excluded

Inmate security level

Maximum: 36%
Medium: 58%
Minimum: 0
Segregation cells: 6%

Current staff

Full-time equivalent

Administration: 50
Security: 211
Programs and treatment: 30
Maintenance: 20
Total: 311
Current inmate/staff ratio: 2.8:1
Contracted services: Medical

Architect's reported analysis

Factors affecting construction costs

Positive: Simple construction methods,
good competition, less expensive materials
Negative: Difficult site conditions; complex
electronic, mechanical, and electrical
systems

Factors affecting time schedule

Positive: Simple construction methods,
advanced order of materials, coordination
of design
Negative: Weather problems

Sublette County Jail

Responsible official: Sheriff, Sublette County

Contact: Robert Sutherland, Jail Administrator, Sublette County Jail, 33 1/2 South Tyler Avenue, Pinedale, WY 82941, 307-367-4378

Architect: Unknown

Construction Manager: N/A

Facility type: County jail
Jurisdiction type: State, county, city
Commitment type: Pretrial, sentenced
Category: Expansion
Building configuration: Integrated structure
Complex use: N/A
Facility location: Urban
Amount of land: Unknown

Dimensions

Total GSF: 4,000
Total NSF: Unknown
Corrections GSF: 4,000
Corrections NSF: Unknown
Housing area GSF: 4,000
Housing area NSF: Unknown
GSF per inmate (design): 182
GSF per inmate (current): 800
NSF per inmate (design): Unknown
NSF per inmate (current): Unknown
Size of cells: N/A
Net/gross square feet: Unknown

Inmate cells

Door material(s): Steel
Type(s) of doors: Swinging
Type(s) of locks: Remote and manual locking
Floor surface: Steel
Intercom: Two-way to cells
HVAC: Heating/air circulation, gas heat, forced air
Plumbing: Stainless steel
Furniture: Steel
Fire protection: Smoke detectors for cells
Windows: Slit, special security

Time

Groundbreaking: Unknown
Finish date: January 1985
Construction time: Unknown

Costs

Total: Unknown
Building only: Unknown
Final construction cost: Unknown
Housing area: Unknown
Housing per inmate: Unknown
Housing per cell: Unknown
Total per inmate: Unknown
Total per GSF: Unknown
Total per NSF: Unknown
Total annual operating costs: \$167,857

Construction type

Structural: Load-bearing precast panels, steel frame, cast-in-place concrete frame, modular metal cells
Exterior walls: Precast panels, cast-in-place concrete, CMU block
Interior walls: Precast panels, cast-in-place concrete, CMU block
Exterior surface or facade: Brick, stucco, textured concrete
Electronic technology systems: CCTV surveillance, staff intercommunication, inmate intercom, paging and sound system, duress/fire alarm, satellite/cable

Inmate design capacity

General population
Single occupancy: 6
Double occupancy: 12
Dorms: 4
Special population
Single occupancy: 0
Double occupancy: 0
Dorms: 0
Total design: 22
Current population: January 1992: 5

Inmate housing areas

Design: Linear, cells on outside walls and building interior
Cells per unit: 3
Inmates per unit (design): Unknown
Inmates per unit (current): Unknown
Management type (design): Intermittent surveillance, video
Management type (current): Intermittent surveillance
Means to handle crowding: N/A
Total officers per unit
Day: 2
Evening: 1
Midnight: 1

Construction process

Contract method: Turnkey design-build
Finance method: Local general obligation bonds, Federal funds
Use of inmate labor: None
Use of prefabrication: Extensive; steel modular system

Security

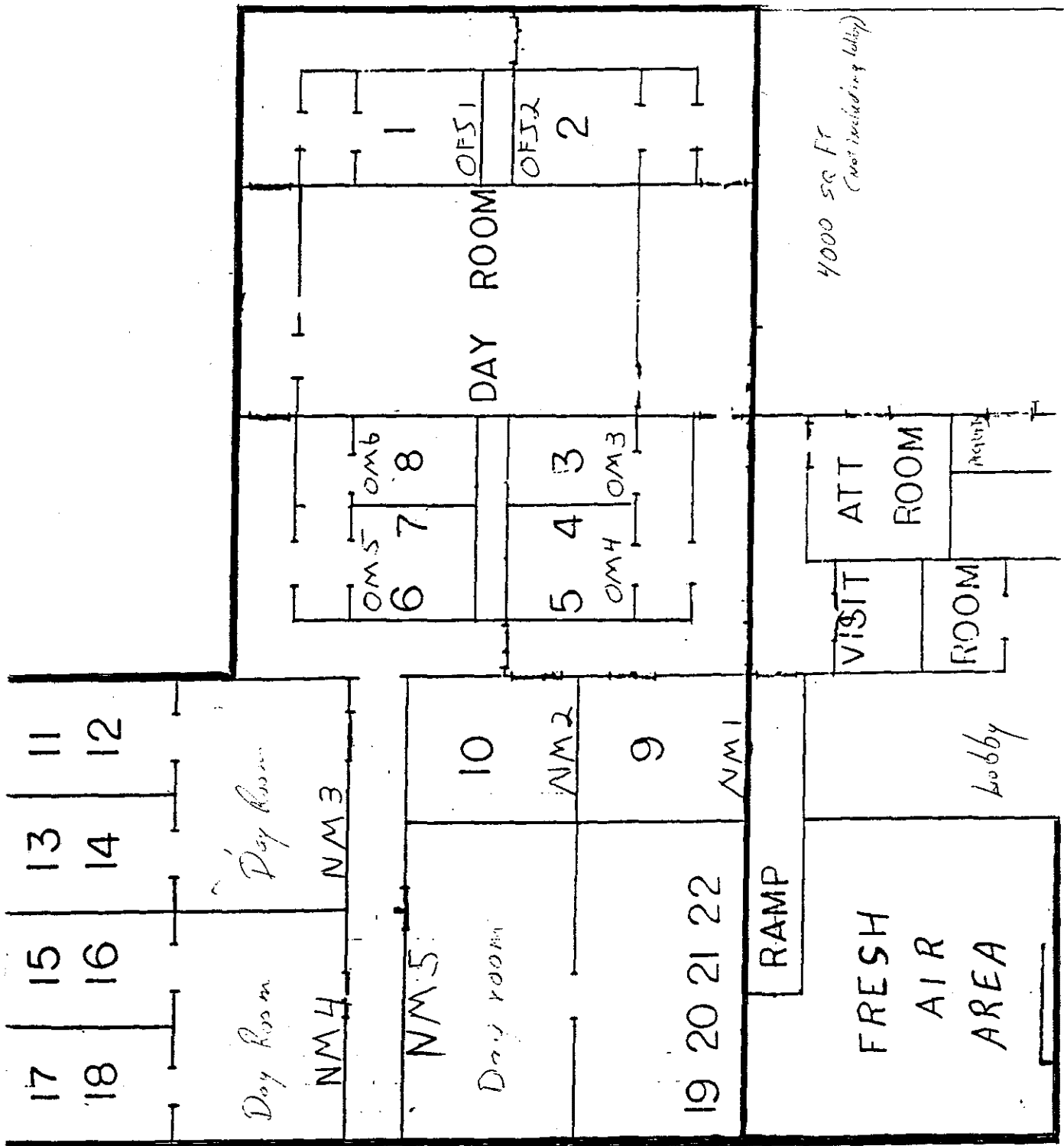
Perimeter: Building exterior only; costs included
Inmate security level
Maximum: 33%
Medium: 0
Minimum: 66%

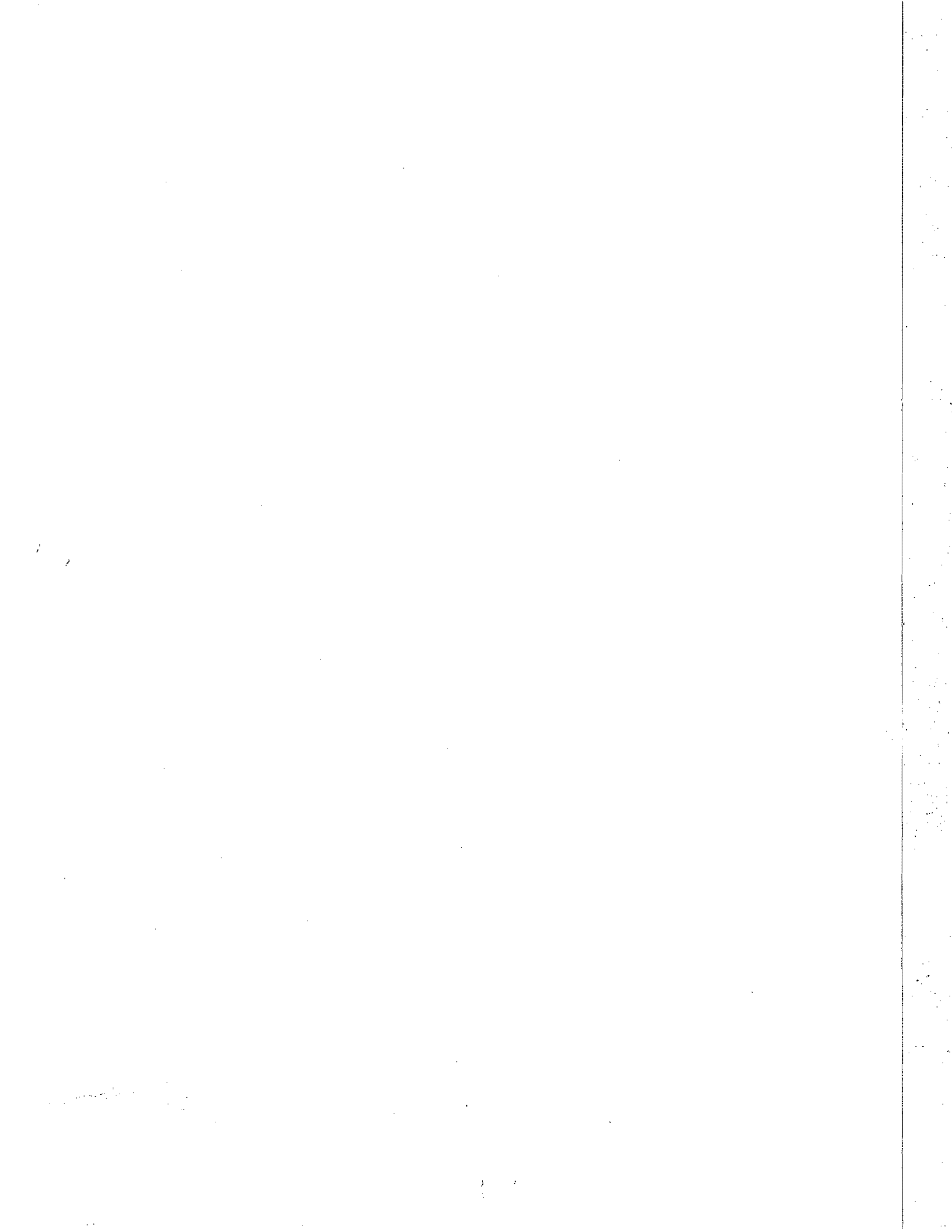
Current staff

Full-time equivalent
Administration: 1
Security: 5
Programs and treatment: 0
Maintenance: 0
Total: 6
Current inmate/staff ratio: 8
Contracted services: Medical, food

Architect's reported analysis

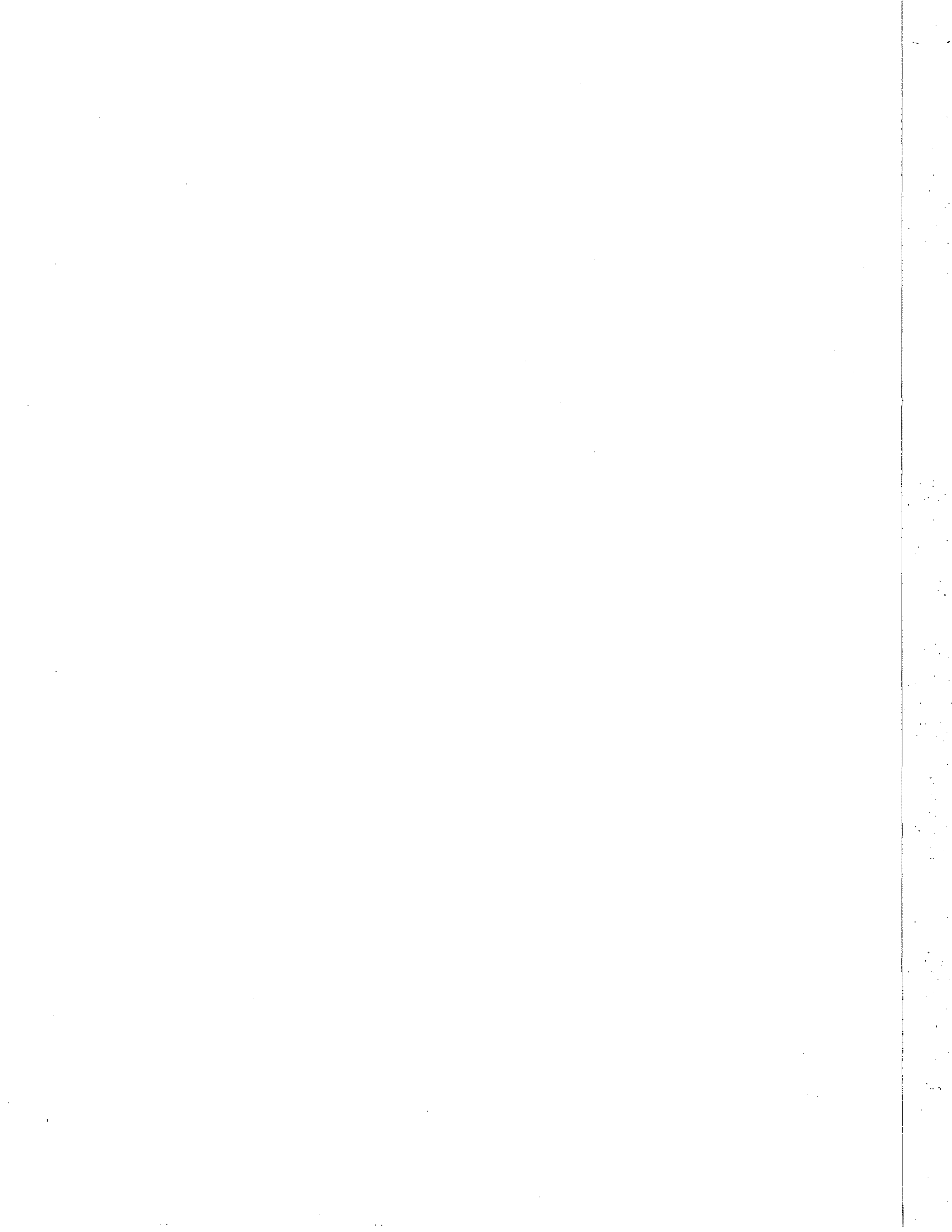
Factors affecting construction costs
Positive: Prefabricated components
Negative: Construction and equipment complications
Factors affecting time schedule
Positive: N/A
Negative: N/A





Appendix A

Reference: Architects and
Construction Managers



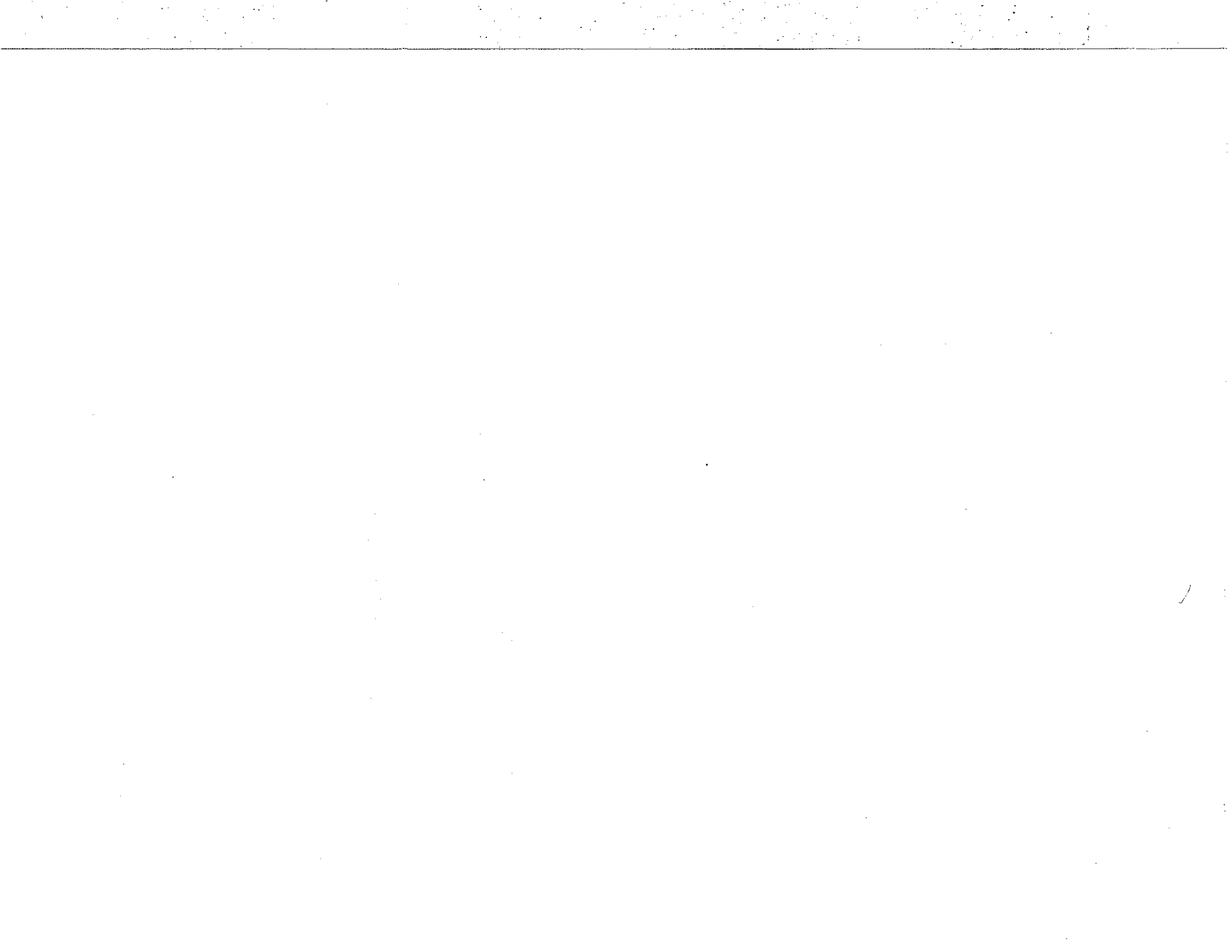
Firm name	Facility name	Facility type	Page
Abend Singleton Associates, Inc.	Marion County Jail and Law Enforcement Center	County complex	248
Alcon Associates, Inc.	Lowndes County Jail	County jail	124
Architectural Technologies, Inc.	Central Laundry Facility	State prison	218
Architectural Technologies, Inc.	Jessup Pre-Release Unit	State prison	220
Architectural Technologies, Inc.	Patuxent Institution	State prison	226
BASCO Associates	York County Prison	County jail	296
BLDD Architects	Danville Correctional Center	State prison	156
BLDD Architects	Hill Correctional Center	State prison	158
BLDD Architects	Illinois River Correctional Center	State prison	160
BLDD Architects	Western Illinois Correctional Center	State prison	170
BLI Construction	Henry County Jail	County jail	118
Barron, Heinberg & Brocato Architects & Engineers	Federal Correctional Institution—Oakdale I	Federal prison	204
Barron, Heinberg & Brocato Architects & Engineers	Federal Detention Center—Oakdale II	Federal detention/jail	206
Barton-Malow	Sergeant William Dickerson Detention Facility	County jail	234
Barton-Malow/Tompkins-Beckwith	John E. Goode Pre-Trial Detention Facility	County and city complex	92
Benatec Associates	Federal Correctional Institution—Schuylkill	Federal prison	290
Birkeland Architects (out of business)	Sherburne County Jail	County complex	240
Bowen & Watson	Northeast Probation Detention Center	State prison	126
CMW, Inc.	Carroll County Regional Detention Center	Regional jail	200
CRSS/BOLDT	Milwaukee County Jail and Criminal Justice Facility	County complex	326
CRSS Constructors, Inc.	Arapahoe County Justice Center	Jail complex	64
CRSS Constructors, Inc.	Boone County Jail	Jail complex	174
CRSS Constructors, Inc.	Denver Reception and Diagnostic Center	State prison	68
CRSS Constructors, Inc.	Fulton Reception and Diagnostic Center	State prison	246
CRSS Constructors, Inc.	Sedgwick County Adult Local Detention Facility	County jail	190
CRSS Constructors, Inc.	Sedgwick County Work Release	County jail	192
CRSS Constructors, Inc.	Will County Adult Detention Facility	County jail	172
Clark Construction Company	Ionia Maximum Correctional Facility	State prison	230
Creative Environmental Concepts, Inc.	Rusk County Sheriff's Department	County complex	310
Daniel, Mann, Johnson & Mendenhall (DMJM)	Arapahoe County Justice Center	County complex	64
Daniel, Mann, Johnson & Mendenhall (DMJM)	Eastern Kentucky Correctional Complex	State prison	202
Daniel, Mann, Johnson & Mendenhall (DMJM)	Greenville Correctional Center	State prison	316
Daniel, Mann, Johnson & Mendenhall (DMJM)	Keen Mountain Correctional Center	State prison	318
Davidson and Jones Construction	Durham County Jail Annex	County jail	270
Davidson and Jones Construction	Wake County Public Safety Center	County complex	272
Di Stefano/Santopetro Architects, Inc.	Bee County Jail	County complex	298
Di Stefano/Santopetro Architects, Inc.	Caldwell County Jail	County complex	300
Di Stefano/Santopetro Architects, Inc.	Frio County Jail	County complex	304
Di Stefano/Santopetro Architects, Inc.	Nacogdoches County Law Enforcement Center	County complex	308
Durrant Architects, Inc.	Boone County Jail	County jail	244
Dworsky Associates	Santa Clara County Main Jail	County complex	54
EDIS/CRSS	Multi-Purpose Criminal Justice Facility	State prison	82
E. George Wynn-Architect	Alamosa County Detention Center	County complex	62
E. George Wynn-Architect	Huerfano County Law Enforcement Center	County complex	70
Eddie Frances, A.I.A.	Metro West Detention Center	County jail	96
Ellerbe Becket, Inc.	Metropolitan Detention Center—Los Angeles	Federal detention/jail	50
Federal Construction Company	Pinellas County Jail	County jail	100
Flour Daniel	Keen Mountain Correctional Center	State prison	318

Firm name	Facility name	Facility type	Page
G.E. Johnson Construction	Boulder County Jail	County jail	66
G.E. Johnson Construction	Mesa County Detention Facility	County complex	72
GRW Engineers, Inc.	Eastern Kentucky Correctional Complex	State prison	202
Ganthner, Melby, Lee Architects & Planners	Ely State Prison	State prison	252
Geddes, Brecher, Qualls, Cunningham	Federal Correctional Institution—McKean	Federal prison	288
Gillies, Stransky, Brems & Smith Architects	Oxbow Jail Facility	County jail	312
Gossen Livingston Associates	El Dorado Correctional Facility	State prison	182
Gossen Livingston Associates	Lamed Correctional Mental Health Facility	State prison	188
Grad Partnership	Monmouth County Correction Institution	County jail	258
Guepel DeMars	Tippecanoe County Law Enforcement Center	County complex	180
H.D.R., Inc.	Mesa County Detention Facility	County complex	72
Habiterra Associates	Cattaraugus County Jail	County jail	260
Habiterra Associates	Genesee County Jail	County complex	262
Hansen Lind Meyer	Glynn County Detention Center	County complex	114
Hansen Lind Meyer	Genesis Unit 200 Bed Correctional Facility	County jail	86
Heery/Ozanne	Grafton Correctional Institution	State prison	274
Heery-Vanir	West Valley Detention Center	County jail	60
Hellmuth, Obata & Kassabaum, Inc.	Columbia Correctional Institution	State prison	324
Hellmuth, Obata & Kassabaum, Inc.	Federal Correctional Institution—Three Rivers	Federal prison	302
Hellmuth, Obata & Kassabaum, Inc.	James I. Montgomery Correctional Center	County jail	90
Hellmuth, Obata & Kassabaum, Inc.	Macomb County Jail	County jail	232
Hellmuth, Obata & Kassabaum, Inc.	Minnesota Correctional Facility—Shakopee	State prison	238
Hellmuth, Obata & Kassabaum, Inc.	Montgomery County Detention Center	County jail	222
Hellmuth, Obata & Kassabaum, Inc.	Sergeant William Dickerson Detention Facility	County jail	234
Hellmuth, Obata & Kassabaum, Inc.	Tippecanoe County Law Enforcement Center	County complex	180
Hellmuth, Obata & Kassabaum, Inc.	Wake County Public Safety Center	County jail	272
Hoffman DeMichele, Inc.	Fulton Reception and Diagnostic Center	State prison	246
Hoover, Berg, Desmond	Denver Reception and Diagnostic Center	State prison	68
Horst, Terrill & Karst Architects	Lansing Correctional Facility—East	State prison	186
Howard, Needles, Tammen & Bergendoff	Western Missouri Correctional Center	State prison	250
Hurtig, Gardner & Frolich Architects, Inc.	Pueblo County Detention Facility—Work Release	County jail	74
IPG, Inc.	Central Correctional Institute	State prison	102
IPG, Inc.	Central Probation Detention Center	State prison	104
IPG, Inc.	Clayton County Correctional Institution	County jail	106
IPG, Inc.	Coastal Correctional Institution	State prison	108
IPG, Inc.	Georgia Diagnostic and Classification Center	State prison	110
IPG, Inc.	Georgia Women's Correctional Institute	State prison	112
IPG, Inc.	Hays Correctional Institute—Boot Camp	State prison	116
IPG, Inc.	Henry County Jail	County jail	118
IPG, Inc.	Homerville Parole Center	State prison	120
IPG, Inc.	I.W. Davis Probation Detention Center	State prison	122
IPG, Inc.	Lowndes County Jail	County jail	124
IPG, Inc.	Northeast Probation Detention Center	State prison	126
IPG, Inc.	Northwest Probation Detention Center	State prison	128
IPG, Inc.	Phillips Correctional Institute—Boot Camp	State prison	130
IPG, Inc.	Rockdale-Dekalb Probation Detention Center	State prison	132
IPG, Inc.	Rogers Correctional Institute	State prison	134
IPG, Inc.	Southeast Probation Detention Center	State prison	136
IPG, Inc.	Telfair Correctional Institute—Boot Camp	State prison	138
IPG, Inc.	Treutlen Shock Unit	State prison	140

Firm name	Facility name	Facility type	Page
IPG, Inc.	Ware Correctional Institute	State prison	144
IPG, Inc.	Washington Correctional Institution—Boot Camp	State prison	146
IPG, Inc.	West Central Probation Detention Center	State prison	150
IPG, Inc.	Western Probation Detention Center	State prison	152
IPG, Inc.	Women's Probation Detention Center	State prison	154
Illinois Department of Corrections, Capital Programs Unit	Danville Correctional Center	State prison	156
Illinois Department of Corrections, Capital Programs Unit	Hill Correctional Center	State prison	158
Illinois Department of Corrections, Capital Program Unit	Western Illinois Correctional Center	State prison	170
Jack Jennings and Sons	Genesis Unit 200 Bed Correctional Facility	County jail	86
Jacobs, Wyner, Ehrenfrantz	Philadelphia Industrial Correctional Center	City jail	292
James A. Lichty	Montgomery County Detention Center	County jail	224
James Associates	Tippecanoe County Law Enforcement Center	County complex	180
John Graham Associates	Clallam Bay Correctional Center	State prison	322
JW and Sons	Alameda City Police Department and Jail	City complex	38
K.A. Parsons Associates	Cumberland County Jail	County jail	254
K.A. Parsons Associates	Lew Sterrett Justice Center	County jail	306
Larry Zimmer-Architect	Saguache County Jail	County jail	76
L. Dow Oliver & Associates	Orleans Parish Prison	County and city jail	208
L. Dow Oliver & Associates	St. Bernard Jail Complex	County jail	210
L. Dow Oliver & Associates	Tulane Avenue Facility	County and city jail	212
Legat Architects	McHenry County Government Center	County complex	162
Legat Architects	Robert H. Babcox Justice Center	County complex	164
Lescher & Mahoney/DLR Group	Marion County Corrections Facility	County complex	284
Lescher & Mahoney	Boulder County Jail	County jail	66
Lorenz & Williams, Inc.	Warren Correctional Institution	State prison	280
MG Engineering and Construction	Rockdale-Dekalb Probation Detention Center	State prison	132
MZA	ECI; Leo Chesney Women's Center	State prison (privately operated)	44
May and Holbrook	Baltimore Pre-Release Unit for Women	State prison	216
Morris Diesel	Federal Correctional Institution—Fairton	Federal prison	256
Morrison-Knudson Parametric Co.	Greenville Correctional Center	State prison	316
Morrison-Knudsen Parametric Co.	Philadelphia Industrial Correctional Center	City jail	292
Multiple architects	State Correctional Institution at Waymart	State prison	294
Music and Worth Construction	Southeast Probation Detention Center	State prison	136
No Architect	Lerdo Pre-Trial	County jail	48
No Architect	Lorton Maximum Security Facility	State prison	320
No Architect	Stanton County Law Enforcement Center	County complex	196
O'Brien Atkins Associates	Durham County Jail Annex	County complex	270
O'Brien Atkins Associates	Wake County Public Safety Center	County complex	272
O'Brien Kreitzberg	Santa Clara County Main Jail	County complex	54
O'Brien Kreitzberg	Stanislaus County Public Safety Center	County jail	58
O'Donnell and Maccarato, Inc.	Bucks County Rehabilitation Center	County jail	286
Pages, Inc.	Women's Probation Detention Center	State prison	154
Patrick Sullivan Associates	South County Detention Facility	County and city jail	56
Phillips Swager Associates	Robinson Correctional Center	State prison	166
Phillips Swager Associates	Taylorville Correctional Center	State prison	168
Phillips Swager Associates	Will County Adult Detention Facility	County jail	172
Potter, Lawson & Pawlowsky, Inc.	Columbia Correctional Institution	State prison	324

Firm name	Facility name	Facility type	Page
Quandel	York County Prison	County jail	296
R.C. Byce & Associates	Ionia Maximum Correctional Facility	State prison	230
Ranon & Partners, Inc.	Hillsborough County Orient Road Jail	County jail	88
Reddick Construction Company	West Central Probation Detention Center	State prison	150
Richard Bowen and Associates	Lorain Correctional Institution	State prison	276
Robert P. Madison International	Grafton Correctional Institution	State prison	274
Robertson Strong Apgar Architects	Metro Jefferson Public Safety Building	County complex	264
Ron Webb (out of business)	Duplin County Jail	County jail	268
Rosser Justice Systems	Brevard County Detention Center	County jail	84
Rosser Justice Systems	Garner Correctional Institution	State prison	80
Rosser Justice Systems	Harrison County Jail	County complex	242
Rosser Justice Systems	Naval Consolidated Brig Miramar	Regional jail (military)	52
Rosser Justice Systems	Northwest Ohio Regional Jail	Regional jail	278
Rosser Justice Systems	Palm Beach County Stockade	County jail	98
Rosser Justice Systems	Saratoga County Law Enforcement Center	County complex	266
Rosser Justice Systems	U.S. Federal Penitentiary—Atlanta	Federal prison	142
Rosser Justice Systems	Washington Correctional Institution	State prison	148
Rosser Justice Systems	West Valley Detention Center	County jail	60
Rosser White Hobbs Davidson McClellan Kelly, Inc.	Martin Correctional Institution	State prison	94
SMP/The Design Partnership	Stanislaus County Public Safety Center	County jail	58
S.J. Amorroso Construction Company	South County Detention Facility	County and city jail	56
Schaefer, John, Cox, Frey & Associates	Sedgwick County Adult Local Detention Facility	County jail	190
Schenkel Shultz	Boone County Jail	County jail	174
Schenkel Shultz	Kosciusko County Work Release	County jail	178
Schlup, Becker & Brennan	Wyandotte County Detention Center	County complex	198
Scotsman Buildings	Lorton Maximum Security Facility	State prison	320
Setter Leach & Lindstrom, Inc.	Hennepin County Adult Detention Center	County jail	236
Shaughnessy Fickel and Scott Architects, Inc.	Johnson County Jail	County jail	184
Sherertz Franklin Crawford Shaffner	Clarke-Frederick-Winchester Regional Adult Detention Center	Regional jail	314
Stemmons Associates, Architects	Shawnee County Adult Detention Facility	County jail	194
Stecker, LaBau, Arneill, McManus Architects	Alexander Cybulski Correctional Institution	State prison	78
Sverdrup Corporation	John E. Goode Pre-Trial Detention Facility	County and city complex	92
The Architect's Collaborative	Norfolk County Sheriff's Office and Correctional Center	County jail	228
The Haskell Company	James I. Montgomery Correctional Center	County jail	90
Turner Construction	Alameda County Jail	County jail	40
Turner Construction	Garner Correctional Institution	State prison	80
Turner Construction	Lorain Correctional Institution	State prison	276
United Consulting Engineers and Architects	Gibson County Jail	County jail	176
Unknown	Butte County Minimum Security Facility	County jail	42
Unknown	Sublette County Jail	County jail	330
VBN Architects	Alameda City Police Department and Jail	City complex	38
VBN Architects	Alameda County Jail	County jail	40
Venture Architects	Milwaukee County Jail and Criminal Justice Facility	County complex	326
Venture Architects	Racine Correctional Institution	State prison	328
Vitetta Group	Bucks County Rehabilitation Center	County jail	286
Vitetta Group	Cumberland County Jail	County jail	254
Vitetta Group	Federal Correctional Institution—Fairton	Federal prison	256

Firm name	Facility name	Facility type	Page
Vitetta Group	Low Sterrett Justice Center	County jail	306
Vitetta Group	Multi-Purpose Criminal Justice Facility	State prison	82
WBRC	Androscoggin County Jail	County jail	214
WRO Architects	Federal Detention Center—Dublin	Federal detention/jail	46
Watson and Company (out of business)	Pinellas County Jail	County jail	100
Whiting-Turner Contracting Co.	Central Laundry Facility	State prison	218
Whiting-Turner Contracting Co.	Jessup Pre-Release Unit	State prison	220
Whiting-Turner Contracting Co.	Patuxent Institution	State prison	226
Wilson-Darnell Associates	Sedgwick County Work Release	County jail	192
Wittenberg, Delany, and Davidson	Vamer Unit	State prison	36
Zimmwe Gunsul Frasca Partnership	Federal Correctional Institution—Sheridan	Federal prison	282



Appendix B

Data Base

Profile Information



Data Base Profile Information

Each facility profile appearing in this directory provides 91 pieces of information. Listed below is the full range of data supplied by the architects and facility administrators for each facility. The data are maintained on the Construction Information Exchange data base. This information is available on diskette and in hardcopy printout to meet individual needs.

Facility

County

Jurisdiction official

Facility official

Architectural firm

Additional architectural firm

Private organization (facility owned/managed by private-sector organization)

Category (e.g., new construction, expansion, conversion)

Facility type (e.g., jail, prison, complex-use)

Facility complex use (e.g., law enforcement, courts)

Commitment type (e.g., pretrial, sentenced)

Jurisdiction level (e.g., Federal, State, county)

Building(s) configuration (e.g., integrated structure, campus style, highrise)

Facility location (e.g., rural, urban, suburb)

Amount of land

Land for future construction

Included spaces (e.g., housing, support services, programming)

Excluded spaces (e.g., housing, support services, programming)

Time frames (e.g., bid, groundbreaking, and completion dates)

General population capacity (e.g., double cell capacity and size, dorm capacity and size)

Special housing capacity (e.g., single cell capacity and size, dorm capacity and size)

Total design capacity (e.g., cells, inmates)

Single cell percentage

Special population percentage

Number of cells (cells allocated for specific inmate populations, such as females, drug offenders, and illegal aliens)

Percentage crowded

Current population (e.g., date, inmate capacity)

Means to handle crowding (e.g., transfer to another facility, bunk beds)

Total costs (e.g., construction, per inmate, per GSF)

Final construction cost

Building costs (e.g., total, per cell, per NSF)

Site acquisition cost

Unusual site/offsite cost

Furnishing and equipment cost

Housing costs (e.g., housing area, per inmate)

Operating costs—corrections (e.g., total, staff, food, medical)

Operating costs—law enforcement (e.g., total, staff, supplies/equipment)

Operating costs—court (e.g., total, staff, transportation)

Cost per inmate per year

Cost per inmate per day	Positive cost factors (e.g., phased construction, less expensive materials and hardware)
Gross square feet (e.g., total, corrections, courts)	Negative cost factors (e.g., high labor costs, government procedures (regulations and "red tape"))
Net square feet (e.g., total, corrections, law enforcement)	Positive time factors (e.g., prefabricated components, coordination of design [between construction manager and owner])
NSF/GSF percentage	Negative time factors (e.g., weather problems; complex electronic, mechanical, and electrical systems)
Housing gross square feet	Contract method (e.g., conventional design-bid-build, multiple bid packages/fast track)
Housing net square feet	Finance method (e.g., State and local general obligation bonds, lease purchase, fixed financing rate, Federal funds, private-sector funds)
Housing space percentage	Use of inmate labor (e.g., extensive, moderate, limited, explanation)
GSF per inmate (e.g., design, current)	Use of prefabrication (e.g., extensive, moderate, limited, explanation)
NSF per inmate (e.g., housing design)	Contract services (e.g., medical, transportation)
Housing design (e.g., modular/pod, linear)	Staffing—design (number of administrative, security, maintenance, program, and treatment staff)
Housing unit composition (e.g., cells and inmates per housing unit)	Staffing—current (number of administrative, security, maintenance, program, and treatment staff)
Management type—design (e.g., direct supervision, intermittent or remote surveillance)	Staffing adequacy
Management type—current (e.g., direct supervision, intermittent or remote surveillance)	Number of inmates per staff (inmates per security, program, treatment, and total staff)
Security levels (maximum, medium, minimum, other)	Officers per housing unit (e.g., day, evening, midnight)
Perimeter security (e.g., building exterior, razor wire on fence(s), perimeter detection/alarm)	General contractor
Electronic technology systems (e.g., CCTV surveillance, custom control panels, door control/monitoring systems)	Construction manager
Closed circuit television (e.g., bond/arraignment hearings, inmate surveillance)	Structural engineer
Construction materials (construction materials for the interior, exterior, structural, and surface/facade of building, such as CMU block, precast panels, steel frame, precast concrete cells, brick, textured concrete)	Government official
Cell furnishings, finishes, and fixtures (e.g., sliding, remote-locking steel doors, stainless steel plumbing, air-conditioning, gas heat, sealed concrete floors, special security windows, wooden furniture, two-way intercom system to cells and common areas, smoke detectors in cells and common areas)	

Law Enforcement Complex

Facility official

Building(s) configuration (e.g., clusters, courtyard, integrated structure)

Included spaces (e.g., lockup/holding, administration, training, communications/dispatch, processing/intake)

Gross square feet (e.g., lockup/holding, administration, sallyport, firing range)

Net square feet (e.g., lockup/holding, training facility, roll call room, administration)

Lockup/holding area total cells

Lockup/holding area average daily number of detainees

Special housing cells (e.g., total, medical, suicidal, isolation)

Detainee management—special housing (e.g., CCTV surveillance, intermittent surveillance)

Detainee management—lockup/holding area (e.g., intercom system, CCTV surveillance)

Number of hours prior to transport

Secure area for juvenile offenders

Number of staff—lockup/holding area

Types of security systems—lockup/holding area (e.g., detainee duress alarm, card access, metal detector(s))

Courts Complex

Facility official

Facility type (e.g., criminal, district, circuit, juvenile)

Building(s) configuration (e.g., highrise, integrated structure, courtyard)

Total courtrooms

Courtrooms shared with corrections

Gross square feet (e.g., male lockup/holding, average courtroom, administrative offices)

Net square feet (e.g., female lockup/holding, juvenile lockup/holding, average courtroom)

Detainee transportation to and from courthouse (e.g., skybridge, vehicle, officer(s) escort)

Detainee movement within courthouse (e.g., separate elevator/stairwell, same elevator/stairwell)

Separate security entrance/exit

Types of courthouse security systems (e.g., court officers/deputies, bullet-proof shielding, panic buttons, CCTV surveillance)

Types of courthouse security personnel (e.g., bailiffs, deputy sheriffs, private police)

Courtroom lockup/holding space

Separate juvenile lockup/holding

Separate female lockup/holding

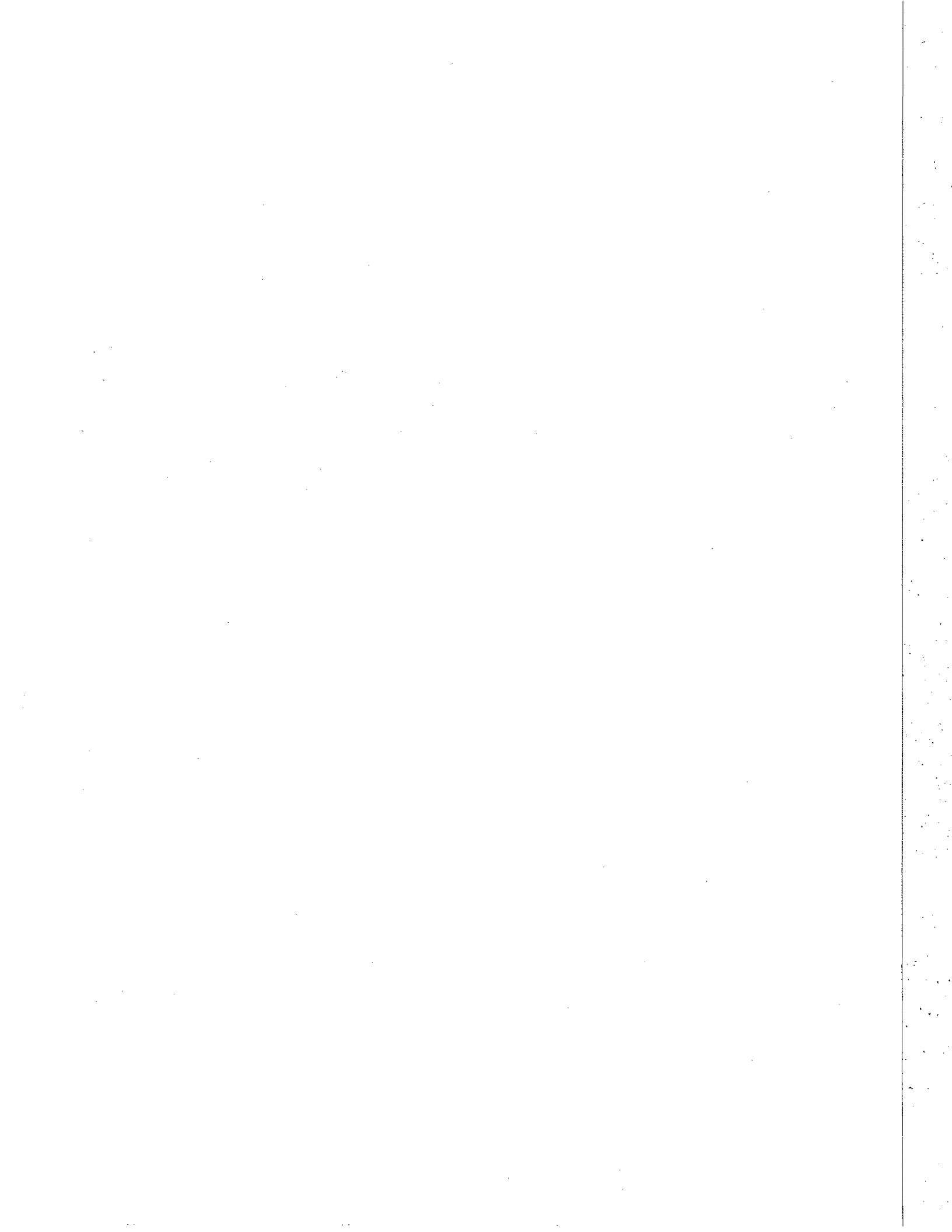
Lockup/holding area cells (e.g., juvenile, male, female)

Lockup/holding area average daily detainees (e.g., juvenile, male, female)

Types of lockup/holding security personnel (e.g., deputy sheriffs, local police, U.S. marshals)

Number of lockup/holding officers (e.g., juvenile, male, female)

Types of lockup/holding security systems (e.g., intercom systems, high security glazing, door control/monitoring systems)



Appendix C

Additional Resources



Additional Resources

Publications

The following publications are available through NIJ's Construction Information Exchange.

Construction Bulletin Series

Acquiring New Prison Sites: The Federal Experience. 1987. 4 pp. NCJ 106784. Free.

This bulletin explains how the Federal prison system chooses and acquires sites for new prisons.

California Tests New Construction Concepts. 1986. 12 pp. NCJ 101593. Free.

In an attempt to ease prison crowding, California has initiated an expansion plan using two advanced construction techniques.

Construction Options: A California Case Study. 1992. 8 pp. NCJ 136079. Free.

This case study demonstrates how Santa Clara County (California), pressed by the court in inmate litigation, assessed alternative construction methods and assembled its own building system that met the criteria of quality, economy, and rapid construction.

Cost Savings in New Generation Jails: The Direct Supervision Approach. 1988. 8 pp. NCJ 105288. Free.

To resolve crowding in jails, many local governments are now considering "new generation" jails with an innovative management method known as direct supervision.

Florida Sets Example With Use of Concrete Modules. 1986. 8 pp. NCJ 100125. Free.

A construction technique using prefabricated concrete cell modules has enabled Florida to open a new 336-bed unit for the prison at Raiford in only 8 months and at a cost of about \$16,000 per cell.

From Arizona to South Carolina: Transfer of a Prison Design Model. 1990. 8 pp. NCJ 114915. Free.

Prison officials in South Carolina adapted plans prepared for a Federal prison in Arizona, thereby eliminating several costly and time-consuming steps required by the conventional approach to prison construction.

Inmates Build Prisons in South Carolina. 1987. 12 pp. NCJ 106783. Free.

Use of inmates for construction of correctional facilities will decrease the cost of building and at the same time provide incentives and training to develop skills.

Jail Construction in California. 1990. 12 pp. NCJ 125097. Free.

California's program to fund construction of county jails is an attempt to address the problems of crowding and deterioration of facilities that are faced by corrections authorities nationwide.

Maine Jails: Progress Through Partnerships. 1987. 8 pp. NCJ 104918. Free.

This summary of Maine's successful efforts to improve its jails focuses on State, county, and local planning; jail design; fostering public support for jail improvements; and State jail standards and inspection.

New Construction Methods for Correctional Facilities. 1986. 8 pp. NCJ 100121. Free.

After reviewing the problems of prison and jail crowding as well as the high cost of prison construction, this bulletin presents case studies of cost-effective prison construction and describes NIJ's technical assistance services for prison construction.

Ohio's New Approach to Prison and Jail Financing. 1986. 12 pp. NCJ 102093. Free.

Ohio's innovative method for financing prison construction—the leasing of prison facilities by the Department of Rehabilitation and Correction and the use of securities with a variable interest rate—offers advantages worthy of consideration by other States planning prison construction.

Oklahoma Prison Expansion Saves Time and Money. 1987. 6 pp. NCJ 105290. Free.

Oklahoma achieved rapid and inexpensive prison construction by expanding an existing institution with a minimum security housing unit of 90 cells, using the design of a previous project and prefabricated construction.

Stopping Escapes: Perimeter Security. 1987. 12 pp. NCJ 104600. Free.

Based on a 1984 Bureau of Justice Statistics survey of 903 State correctional facilities, this report compares types of prison perimeter security, with particular attention to New York State's procedure for selecting the appropriate type of perimeter security for each prison, and provides guidelines for selecting perimeter security.

Other Publications and Reports

Building On Experience (Model program description). 1987. 70 pp. NCJ 103869. \$8.40 (U.S.), \$9.10 (Canada), \$12.50 (other).

This case study describes how Ohio has exploited the potential of new approaches in construction, design, and financing to build a prison that was not only less expensive to construct than a traditional design, but is expected to realize long-term savings because of innovative management and financing methods.

Correctional Facility Design and Management (Issues and Practices). 1985. 128 pp. NCJ 096969. \$9.90 (U.S.), \$11.55 (Canada), \$15.60 (other).

This publication discusses a 1-year study of correctional facilities construction in 15 States and outlines the practices and processes used in the planning, design, and construction of the facilities.

Development of a Test Method To Evaluate Penetrating Resistance of High Security Glazing. 1986. 240 pp. NCJ 104868. \$5.20 (U.S.), \$5.20 (Canada), \$7.10 (other).

This report describes the development of a test method to evaluate the penetration resistance of glazing materials (used as a barrier material in correctional facilities) subjected to a simultaneous attack of mechanical impact with a sharp-pointed tool and heat application.

Federal Surplus Real Property Transfer Program (Fact sheet). 1992. 1 p. LT 000045. Free.

The purpose of the Federal Surplus Real Property Transfer Program is to transfer or convey to State and local governments, at no cost, surplus real property determined by the Attorney General to be required for correctional facility use. Through this program, correctional facility capacity is enhanced so that programs and projects may be provided for the care and rehabilitation of incarcerated criminal offenders.

Additional Readings

These additional readings reflect a representative sample of citations available from the NIJ/NCJRS literature collection on corrections construction.

Planning and Design

"Architecture and Design: Solutions to Crowding." *Corrections Today*, vol. 50, no. 2 (April 1988). 199 pp. American Correctional Association, 8025 Laurel Lakes Court, Laurel, MD 20707. NCJRS availability: Interlibrary loan. NCJ 110579.

Twenty-three articles discuss various aspects of building correctional facilities quickly and efficiently, without sacrificing quality, to help relieve prison crowding rapidly and without excessive costs.

Comparison of "Direct" and "Indirect" Supervision Correctional Facilities, Final Report. 1989. 107 pp. Jay Farbstein and Associates, Inc., San Obispo, CA 93401. National Institute of Corrections, Prison Division, Washington, DC 20534. NCJRS availability: Interlibrary loan. NCJ 120820.

Data from a mail survey and case studies of direct and indirect supervision jails and prisons formed the basis of a comparison of the two approaches in terms of their costs, staff impacts, safety and security, behavior in relationship to the physical environment, design issues, and overcrowding.

Correctional Facility Planning and Design, Second Edition. J. Farbstein. 1986. 396 pp. Van Nostrand Reinhold, 135 West 50th Street, New York, NY 10020. NCJRS availability: Interlibrary loan. NCJ 104227.

These step-by-step guidelines give local officials detailed information on planning new jail construction or making major renovations to existing facilities.

Design Considerations in the Building of Women's Prisons. S.V. Carp and J.A. Davis. 104 pp. National Institute of Corrections, Washington, DC 20534. NCJRS availability: Interlibrary loan, copy reproduction, and microfiche. NCJ 131813.

Issues specific to the design of a correctional facility for women are discussed with emphasis on the need to support programming that recognizes and addresses female offenders' roles as parents, their histories of abuse, and their involvement with crime because of their distorted perceptions of their relationships with men.

Design, Equipment, Construction and Other Blunders in Detention and Correctional Facilities. J.R. Rowan. 1990. 14 pp. Juvenile and Criminal Justice International, Inc., Roseville, MN 55113. NCJRS availability: Interlibrary loan and microfiche. NCJ 123655.

This study consists of interviews and onsite surveys at correctional facilities at the State and local level to determine the extent to which faulty facility design and construction have threatened operations and life-safety.

Design Resource File: A Guide to Information for Architects Designing Justice Facilities. 1988. 115 pp. American Institute of Architects, Washington, DC 20006. NCJRS availability: Interlibrary loan. NCJ 118733.

This guide provides resources to assist in the design of criminal justice facilities, a glossary of corrections terminology, and an outline for courtroom planning. The planning and design of law enforcement, judicial, and correctional facilities are described.

"Designing Tomorrow's Jails." J.T. Potter. *American Jails*, vol. 4, no. 3 (September/October 1990). 8 pp. American Jail Association, 1000 Day Road, Suite 100, Hagerstown, MD 21740. NCJRS availability: Interlibrary loan. NCJ 132389.

The advantages and disadvantages of three types of jail designs (linear intermittent supervision, podular indirect supervision, and podular direct supervision) are discussed regarding new construction.

Federal Prisons: Revised Design Standards Could Save Expansion Funds. 1991. 18 pp. U.S. General Accounting Office, Document Handling and Information Services Facility, P.O. Box 6015, Gaithersburg, MD 20877. NCJRS availability: Interlibrary loan. NCJ 129936.

Federal prison crowding and plans for expanding correctional facilities were studied with emphasis on whether the Federal Bureau of Prisons is using reasonable and cost-effective measures of capacity in determining the extent of crowding and the need for additional facilities.

Guidelines for Reducing the Liability for Inmate Suicide. R. Atlas. 1987. 31 pp. Atlas and Associates, 600 Northeast 36th Street, Suite 1522, Miami, FL 33137. NCJRS availability: Interlibrary loan. NCJ 107383.

This manual examines prior research on suicides in jails and lockups, explores the responsibilities of the supervising agency, discusses several case studies, and presents architectural and management strategies to reduce the desire and opportunity to commit suicide.

Jails: Reform and the New Generation Philosophy. L.L. Zupan. 1991. 196 pp. National Institute of Corrections, Anderson Publishing Company, 2035 Reading Road, Cincinnati, OH 45202. NCJRS availability: Interlibrary loan. NCJ 126941.

The evaluations presented focus on how the "new generation" (podular/direct supervision) jail philosophy is implemented in jail architectural design and inmate management style and how the philosophy affects the quality of institutional life for inmates and staff.

More For Less: Jail Construction Cost Management Handbook. 1987. 161 pp. Kitchell CEM, Sacramento, CA 95816. NCJRS availability: Interlibrary loan. NCJ 127977.

This handbook is designed to assist California's local governments in designing and constructing cost-effective jails.

Prison Expansion: Program to Identify DOD Property for Prison Use Could Be Improved. 1990. 44 pp. U.S. General Accounting Office, General Government Division, Washington, DC 20548. NCJRS availability: Interlibrary loan and microfiche. NCJ 128034.

An analysis of actions taken by Federal agencies to ensure that military property is considered for conversion to minimum security prisons as an alternative to new prison construction found that as of September 1990 no military property had been identified that will be converted to prison use.

Small Jail Design Guide: A Planning and Design Resource for Local Facilities of Up to 50 Beds. 1988. 440 pp. National Institute of Corrections, Jail Division, Boulder, CO 80301. NCJRS availability: Interlibrary loan. NCJ 114582.

This manual uses the results of a survey of 255 jails of 50 beds or fewer as the basis of a discussion of the operational and design issues that must be addressed for each functional component of a small jail.

What Is the Future of the "New Generation Jail" in California? C.S. Koehler. 1987. 134 pp. California Commission on Peace Officers Standards and Training Center for Executive Development, 1601 Alhambra Boulevard, Sacramento, CA 95816. NCJRS availability: Interlibrary loan and microfiche. NCJ 111021.

This paper surveys new jail construction in California to ascertain the impact of the "new generation" jail technology on the future of corrections.

Siting and Community Impact

Comparative Analysis of Property Values in the Vicinity of New Correctional Facilities at the Oshkosh Correctional Institution and Its Relationship to the Proposed Racine Correctional Institution. 1987. 12 pp. Howard, Needles, Tammen, and Bergendoff, 1127 West Park Place, Milwaukee, WI 53224. NCJRS availability: Interlibrary loan. NCJ 114940.

This study of the potential effects on surrounding neighborhood property values of the construction of a new prison at the St. Bonaventure site in Sturtevant (Wisconsin) uses an appropriate parallel case for comparison.

Economic and Fiscal Impacts of a State Prison at Delano, Kern County. L.L. Parks, E.M. Lofting, and C.E. Davis. 1988. 105 pp. Engineering-Economics Associates, Inc., Berkeley, CA 94707. California Department of Corrections, Sacramento, CA 95814. NCJRS availability: Interlibrary loan. NCJ 115504.

This study evaluated the economic and fiscal impacts of a proposed State prison for men near Delano in Kern County, California.

Economic and Fiscal Impacts of a State Prison in Madera County. L.L. Parks and E.M. Lofting. 1987. 66 pp. Engineering-Economics Associates, Inc., Berkeley, CA 94707. California Department of Corrections, Sacramento, CA 95814. NCJRS availability: Interlibrary loan. NCJ 115508.

This study evaluated the economic and fiscal impacts of a proposed State prison for women to be constructed between Madera City and Chowchilla in Madera County, California.

"Effects of Prison Siting Practices on Community Status Arrangements: A Framework Applied to the Siting of California State Prisons." J.D. Krause. 1992. 29 pp. *Crime and Delinquency*, vol. 38, no. 1, special issue (January 1992). NCJRS availability: Interlibrary loan. NCJ 135968.

This article contends that positive relations between prison facilities and the community promote the quality of life of correctional staff, inmates being reintegrated, and noncorrectional community members.

Economic and Fiscal Impacts of a State Prison Near Wasco, Kern County. L.L. Parks, E.M. Lofting, and C.E. Davis. 1988. 80 pp. Engineering-Economics Associates, Inc., Berkeley, CA 94707. California Department of Corrections, Sacramento, CA 95814. NCJRS availability: Interlibrary loan. NCJ 115503.

This study evaluated the economic and fiscal impacts of a proposed State prison facility near Wasco in Kern County, California.

Impact of Correctional Facilities on Land Values and Public Policy. K.S. Abrams and W. Lyons. 1987. 600 pp. Florida International University, FAV-FIU, Joint Center for Environmental and Urban Problems, North Miami, FL 33181. National Institute of Corrections, Washington, DC 20534. NCJRS availability: Interlibrary loan. NCJ 127852.

This study investigated the popularly held notions that the presence of a correctional facility in a community creates a risk to public safety, lowers nearby property values, and reduces the community's quality of life.

Impacts of a New Prison on a Small Town: Twice Blessed or Double Whammy? K.A. Carlson. 1990. 282 pp. Clallam County Sheriff's Department, Port Angeles, WA 98362. National Institute of Justice, Washington, DC 20531. NCJRS availability: Interlibrary loan, microfiche, and copy reproduction. NCJ 128309.

The initial impacts of a new medium-security prison on a small, rural Washington community were analyzed during a period starting in August 1985 just before the completion of construction through September 1989.

Prison Impacts: A Review of the Research. K.A. Carlson. 1989. 23 pp. Peninsula College, Port Angeles, WA 98362. National Institute of Justice, Washington DC 20531. NCJRS availability: Interlibrary loan and microfiche. NCJ 120517.

This review of the research on the impact of a prison on the community in which it is located concludes that the community and prison sizes, the prison's location in relation to inmate and employee origins, and four other factors all influence the direction of the impacts.

State Environmental Quality Review: Notice of Completion of Final Environmental Impact Statement. 1987. 11 pp. New York State Department of Correctional Services, Division of Program Planning, Research and Evaluation, Albany, NY 12226. NCJRS availability: Interlibrary loan. NCJ 108460.

This final report describes the environmental impact of a proposed 700-bed, medium-security correctional facility to be built on an 81.3-acre site in Ogdensburg, New York.

Using Former Military Installations as Correctional Facilities. 1990. 66 pp. Office of Economic Adjustment, U.S. Department of Defense, Washington, DC 20301. Bureau of Prisons and Bureau of Justice Assistance, Washington, DC. NCJRS availability: Interlibrary loan. NCJ 124375.

This manual summarizes the ways in which Federal, State, and local governments have acquired 14 former military properties and used them as 19 separate correctional facilities.

Finance Methods

Approaches for Capital Cost Avoidance in State Correctional Facility Construction. S.A. Carter. 1987. 15 pp. Carter-Goble Associates, Inc., Columbia, SC 29201. National Conference of State Legislatures. NCJRS availability: Interlibrary loan. NCJ 127870.

State legislatures should evaluate every feasible means of avoiding excessive capital costs for new correctional facilities, while providing safe and humane institutions that meet constitutionally mandated requirements.

Constructing Correctional Facilities: Is There a Role for the Private Sector? 1987. 60 pp. Brookings Institution, 1775 Massachusetts Avenue NW., Washington, DC 20036. NCJRS availability: Interlibrary loan. NCJ 111104.

Conference proceedings.

Dollars and Sense: Cost-Cutting Strategies for Correctional Facilities in the 90's and Beyond. D.N. Sandberg. 1990. 35 pp. American Institute of Architects, Committee on Architecture for Justice, Washington, DC 20006. NCJRS availability: Interlibrary loan. NCJ 128843.

A 1990 conference sponsored by the American Institute of Architects Committee on Architecture for Justice brought architects, officials of State and Federal corrections agencies, and planners together to discuss the current and future needs of correctional systems and strategies for increasing the cost-effectiveness of correctional facilities.

"Lease/Purchase Option Solves Financial Dilemmas." M. Scott and M. Gotschall. *Corrections Today*, vol. 51, no. 2 (April 1989). 3 pp. American Correctional Association, 8025 Laurel Lakes Court, Laurel, MD 20707. NCJRS availability: Interlibrary loan. NCJ 129554.

Lease/purchase has emerged as an attractive alternative for corrections agencies as well as municipal issuers with important financing needs.

Prison Financing and Construction Plan, State of Texas. R. Scott. 1987. 48 pp. Texas Criminal Justice Division, P.O. Box 13084, Austin, TX 78711. NCJRS availability: Interlibrary loan, copy reproduction, and microfiche. NCJ 112057.

From 1980 to 1986, total admissions to Texas prisons rose by 122.8 percent, while prison capacity increased by only 51.5 percent. Ruiz-mandated depopulation agreements will reduce capacity further in 1987-1989.

Standards

Correctional Standards Review and Evaluation. 1991. 114 pp. American Correctional Association, 8025 Laurel Lakes Court, Laurel, MD 20707. National Institute of Justice. NCJRS availability: Interlibrary loan, copy reproduction, and microfiche. NCJ 131239.

This final report on the review and evaluations of revised National Correctional Standards and Accreditation includes the first draft and camera-ready copy of a study of the cost implications of the third edition.

Standards for Building Materials, Equipment, and Systems Used in Detention and Correctional Facilities. R.D. Dikkers and S.C. Reeder. 1987. 105 pp. U.S. Department of Commerce, National Bureau of Standards, Center for Building Technology, Washington, DC 20534. National Institute of Corrections, Washington, DC 20534. NCJRS availability: Interlibrary loan. NCJ 127937.

This study develops guidelines, tests methods, and sets technical bases for standards that can assist in the selection, application, and maintenance of building materials, equipment, and systems for use in detention and correctional facilities.

Standards Sketchbook: Cost Implications of Third Edition Standards for Adult Correctional Institutions. 1990. 80 pp. Community Resource Services, Inc., Kents Hill, ME 04349. NCJRS availability: Interlibrary loan and microfiche. NCJ 127478.

These drawings, tables, and accompanying text describe the differences between the second and third editions of the American Correctional Association's standards for adult correctional institutions, illustrate the design implications of both sets of standards, and portray the range of practice that might be possible under the old and new standards.

Technical Criteria for Detention and Correctional Facilities.
241 pp. Alberta Public Works, Supply and Service Capital
Development, Edmonton, Alberta, Canada, T6G 5A9.

NCJRS availability: Interlibrary loan. NCJ 125834.

This report represents minimum standards for security in
the design and construction of detention and correctional
facilities in Alberta, Canada.

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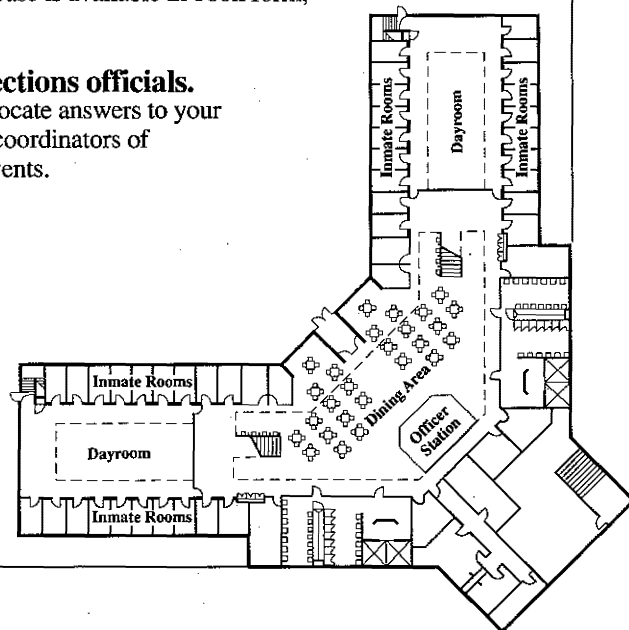
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