



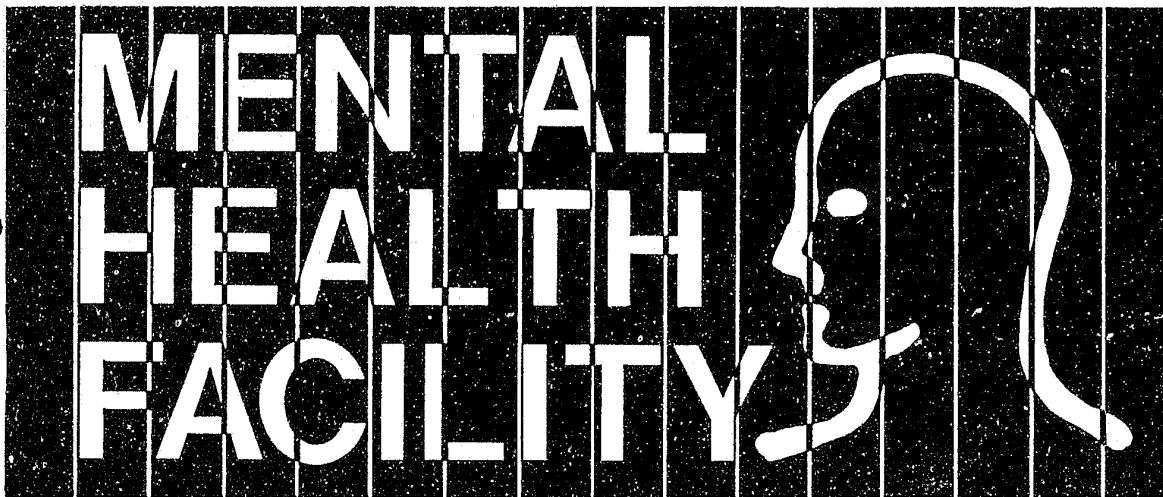
KANSAS DEPARTMENT OF CORRECTIONS

Mike Hayden
Governor

Steven J. Davies, Ph. D.
Secretary

Program Statement for a New

138721



138721

Larned, Kansas

U.S. Department of Justice
National Institute of Justice

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Gary Rayl *Director*

Michael Gaito *Architect III*

**ARCHITECTURAL, ENGINEERING,
CONSTRUCTION AND SPECIAL
PROJECT DIVISION**



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This program is the result of input from many individuals at the Kansas Department of Corrections, Correctional Medical Systems, and Gossen Livingston Associates.

Steven J. Davies, Ph.D., Secretary of Corrections

Gary Rayl, Director, Architectural, Engineering, Construction and Special Projects Division

Richard Koerner, Deputy Secretary Operations

David McKune, Deputy Secretary Programs

Michael E. Gaito, Architect, Architectural, Engineering, Construction and Special Projects Division

Richard Fay, Architect, Architectural, Engineering, Construction and Special Projects Division

G. W. Getz, Superintendent, Larned State Hospital

Gary LaShell, Architectural Consultant, Mental Health & Retardation Services

Jane Haddad, State Mental Health Director, Correctional Medical Systems

William Livingston, President, Gossen Livingston Associates

Rick Holbrook, Vice-President, Gossen Livingston Associates

Kathy Schroeder, Secretary II, Hutchinson Correctional Work Facility

Becky Landis, Office Specialist, Architectural, Engineering, Construction and Special Projects Division

INTRODUCTION

INTRODUCTION

The Legislature of the State of Kansas has approved funds for the design and construction of a one hundred fifty (150) bed mental health maximum security prison at Larned, Kansas. This facility will be built adjacent to the Larned State Security Hospital, on land currently owned by the State of Kansas, and will be built to allow for future expansion to a three hundred (300) bed facility.

The Department of Corrections will construct the 150 bed correctional facility for use as a transitional unit for those inmates who are not able to function in the general population of a traditional correctional institution, but are not in need of hospitalization for mental health reasons. Inmates will be assigned to this facility by the Larned State Security Hospital, or other correctional institutions. Only Kansas Department of Corrections inmates will be housed at this facility.

The purpose of this unit is to provide as normal a range of work, programs, and activities to the inmates, as would be available at a traditional correctional institution, while providing more extensive mental health care and treatment. Toward this end, inmates will spend as much of their time outside the cell as is therapeutically possible in programs or recreation activities.

**HISTORY OF
TRANSITIONAL FACILITY**

HISTORY OF TRANSITIONAL FACILITY

In June of 1987 and October of 1988, the United States Department of Justice issued reports in which it concluded that mental health needs of inmates confined by the Kansas Department of Corrections were not being met. In April of 1988 and December of 1988, the United States District Court entered orders in the case or Arney, et al. v. Hayden, et al. in which it reached similar conclusions. As a result of these findings, the Court, on April 21, 1989, issued an order directing the Department of Corrections to submit, by September 1, 1989, a plan to address the long-term needs of mentally ill inmates.

During the 1989 legislative session, the Department requested appropriations to construct a facility for mentally ill inmates. H.B. 2548 provided authorization and appropriations for this purpose.

On September 1, 1989, the Department filed its plan with the Court. Both plaintiffs and the department retained experts to evaluate the plan and assess services for the mentally ill inmates in the Kansas system. As a result of this process, the Court, on December 11, 1989, approved the Department's plan.

The plan consists of five (5) levels, only three (3) of which will be administered at this facility. They are extended care, transitional care, and crisis intervention. Acute care will be provided at the Larned State Security Hospital (LSSH), and outpatient services will be at one of four other correctional facilities. This facility will be near the Dillon and Willow Units at LSSH.

MISSION STATEMENT

MISSION STATEMENT

The mission of the Larned Correctional Transitional Facility is restoration of the inmate's ability to function in the general prison population. This facility will prepare as many inmates as possible to return to the reintegration unit in other facilities within the Department of Corrections. The goal of the Kansas Department of Corrections Mental Health Program will be to provide adequate services to inmates who suffer from serious mental disease or defects. Such services will be provided by qualified mental health professionals, meeting the education and licensure requirements of the State of Kansas relevant to their discipline. Furthermore, the treatment rendered will respect the rights of the individual and be given in the least restrictive setting needed to provide the therapeutic effect.

The planned capacity for this facility is one hundred fifty (150) inmates, divided into five (5) living units of thirty (30) inmates each. This facility will have future expansion to three hundred (300) beds. The facility design, therefore, would have additional space designed into the common areas for future growth.

Correctional programs at this facility are very limited, due to the type of inmate housed. Food service, laundry, recreation, house-keeping, grounds keeping, and maintenance crews will use inmate labor for part of their work; however, in using the mentally ill, there will be times when they are unable or unwilling to work. Therefore, staffing at this facility will need to be larger than that of normal correctional facilities, to insure all levels of work can be performed.

CONCEPT

CONCEPT

Conceptually, this maximum security facility for the treatment of mentally ill inmates will have a capacity of one hundred fifty (150) beds. This number will be reached by using five (5) housing units with thirty (30) inmates per unit. Each housing unit will have its own management team of custody and treatment personnel. In addition, each unit will have cell space for each inmate, day space, and hygiene facilities for the thirty (30) inmates housed. Each housing unit would be connected to the common area by a secured opening or enclosed walkway.

The secured common area will accommodate food service, library, laundry, chaplain, education, mental health, physical health, canteen, activity therapy, drug/alcohol, and barber shop. Inmates will spend the majority of their day in this area. Most inmates will spend their day in education and activity therapy. All of the above spaces will be located within the security fence.

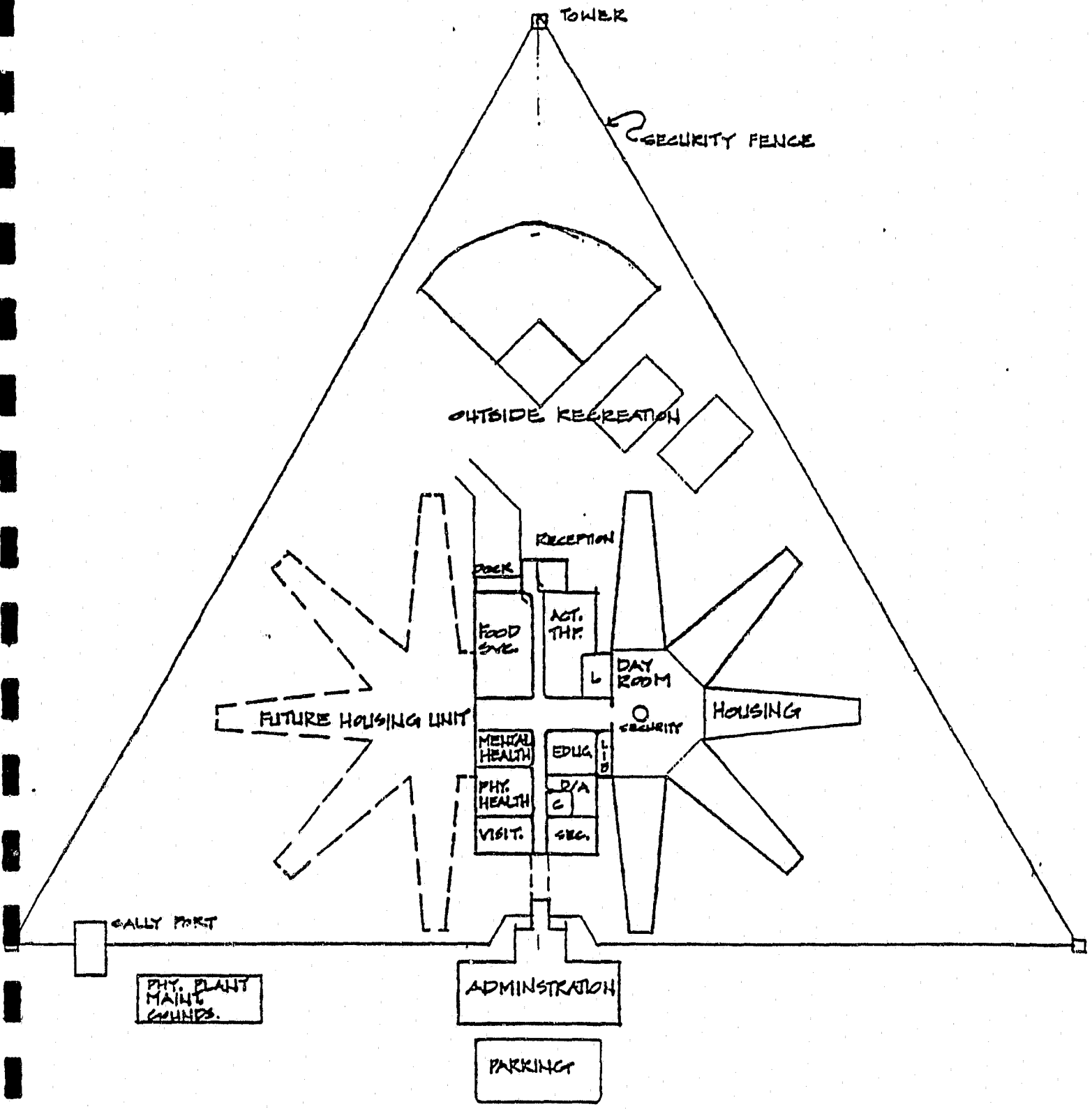
Due to the staff assigned to this facility, only three (3) security towers will be used. This requires that a triangle security fence layout be used, with a security tower at each corner.

The following activities will be housed in the two or three buildings outside the security fence:

Administration	Grounds Keeping
Warehouse	Physical Plant
Records	Security
Mail Room	Pharmacy

Access to and from the security side of this facility will be made through a pedestrian and vehicular sally port under the control of the security staff.

Space requirements for housing, support, and activities components are set out in detail in the Architectural Program. The American Correctional Association and uniform building codes must be adhered to.



FACILITY CONCEPT PLAN

THIS PLAN MAY NOT BE CHANGED WITHOUT APPROVAL OF KDCC

SECURITY CONCEPT

SECURITY CONCEPT

Although the facility should provide as normal an environment as possible for the population, both internal security and security to the community cannot be compromised. Security within the facility should be provided by appropriate staffing, the use of electronic devices, and direct supervision of inmates. Perimeter security should be provided with a combination of a secure perimeter fencing system, utilizing appropriate electronic detection devices, and a perimeter patrol system providing rapid staff response capability. The mobile patrol system should include a minimum of one mobile patrol units located around the perimeter line of the facility, and shall be equipped with weapons and security radios. A small covered mobile patrol shelter stations shall be provided to reduce problems during severe weather conditions.

Depending upon specific considerations, such as topographic and climatological factors, selection of the electronic detection and communication component of the perimeter security system would vary. A variety of electronic surveillance systems are available for use in the perimeter including; fence mounted sensors, buried seismic sensor cables, microwave sensors, infrared photo beam sensors, ported coaxial cables, electronic field sensors, and video motion detection. Whatever system or combination of electronic systems are utilized, the objective of the perimeter system should be to provide one hundred percent (100%) surveillance of each segment or zone of the perimeter.

A unified alarm and control system should be incorporated into the design to collect alarm information from the perimeter system as well as within the facility and be able to report the information to the central control room. The system should be capable of monitoring all alarm points and reporting all events back to control. The design should also include the capability to execute control functions from the central control room's operator console, such as the opening of gates, activating of lights, and monitoring of all systems.

The facility's central control should be designed to maximize visual surveillance so that staffing posts at gates, doors, and sally ports would be minimized. To do so, the architect should consider an elevated control room, in addition to a strategic central location.

The electronic components of the security system should employ time division multiplex transmission as well as provide for alarm monitoring and control of remote points over single transmission cables. The master control unit and all remote transponders should be properly grounded and protected with surge protectors. Alarm information should be displayed directly on the control unit, or

the system should be interfaced with a map or graphic display located in the console. The perimeter detection system, and those lights which illuminate the perimeter, should be included in the facility's back-up emergency power system. Also, selected area lighting fixtures on the interior of the facility should be connected to the emergency power system to insure adequate illumination during power outages. All buildings within the security fence are to be designed with panic buttons and intercom systems.

Perimeter lighting is an important component of perimeter security, and should be carefully planned as to the type of spacing of light standards, based on the sighting of buildings, terrain, adjacent uses and environmental conditions. If low mast lighting is used on the perimeter, the light standards should be located on the exterior of the outer fence. Wall mounted light fixtures should be used where necessary to supplement mast lighting, to insure adequate lighting in the vicinity of the facility's structures. The designer should consider the possibility of combining high mast lighting for internal grounds lighting, and low mast lighting for the perimeter system. High pressure sodium lamps should be considered due to their high lighting efficiency and extended life; however, these must be supplemented with quartz lighting during power failures.

The design, construction and management of the housing unit is a major component of the security program. Housing units should be constructed so as to minimize the opportunity for both escape and vandalism. All areas that are accessible by inmates, yet not under constant direct surveillance, should employ the use of high security construction techniques, locking devices and surveillance equipment. When direct supervision is employed properly, the level and hardness of construction within the housing unit can be reduced and, thus, cost reduced.

The site plan for this facility should provide for separation of the five (5) housing units from each other, each housing unit should be located off a central day room area with a control station. This station needs visibility of each housing unit. Inmates would go from the central day room into the commons area for all activities. At ultimate capacity of three hundred (300) inmates, this facility would have adjacent but separate housing units, which would help confine disturbances to one area of the institution.

ARCHITECTURAL PROGRAM

ARCHITECTURAL PROGRAM

This Architectural Program is presented in the form of related functional activities. Each activity is first outlined in a general description of the functional activities involved; then listing the individual room or areas necessary for its operation and finally a description of any functional relationships, both internal and to other components. These activities are:

Administration	Visiting Area	Physical Plant
Mental Health	Records/Classification	Mail Room
Medical Department	Activities Department	Grounds Keeping
Housing	Custodial Services	Library
Storeroom/Canteen	Laundry	Chaplaincy Area
Security	Food Service	Reception
Academic Education	Drug/Alcohol Treatment	Barber Shop
Pharmacy	Inmate Reception	

The space requirements listing for each activity gives the net area commensurate with users needs for each space listed. The total net area is then converted to a gross area requirement by using an appropriate efficiency factor. This factor is based on past experience for design of correctional facilities and provides for non listed area such as internal circulation spaces, mechanical and electrical area, structural elements, etc. This section concludes with a summary of activities and a grossing factor for circulation space between components.

ADMINISTRATION

This component will establish, coordinate, and monitor the correctional programs, security and support service operations, and business and personnel management activities required to fulfill the mission of the institution.

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Director	1	300	300	
Director's Closet	1	20	20	
Dir. Tlt. & Stor.	1	45	45	H.C. Access
Deputy Director	1	180	180	
Adm. Officer III	1	150	150	
Secretary III	1	120	120	
Secretary II	1	100	100	
Conference Room	1	400	400	O.H. Screen, Dimming Lights
Conf. Rm. Wet Bar	1	20	20	
Conf. Rm. Stor.	1	80	80	
Workroom	1	200	200	Share w/Bus. Mgr.
Inst. Bus. Mgr.	1	180	180	
Accountant I	1	130	130	
Bookkeeper	1	120	120	
Office Asst. III	1	100	100	
Office Asst. II	1	100	100	
Files	1	40	40	
Waiting Area	1	100	100	Share w/Bus. & Dir.
Personnel MS III	1	180	180	
Off. Specialist II	1	150	150	
Training Off.	1	120	120	
Training Psych.	1	120	120	
Waiting	1	100	100	
Training Area	1	600	600	
Storage	1	200	200	
Office Asst. III	1	100	100	
Workroom	1	120	120	
Waiting Area/Break	1	300	300	
Conference Room	1	180	180	
Public Staff Tlt's.	2	80	160	Shared w/Other Staff
Housekeeping	1	40	40	Shared w/Common Tur.
Search Room	1	75	75	
Lobby - Main	1	450	450	
Public Restroom	2	80	160	H.C. access
Public Waiting	1	500	<u>500</u>	
TOTAL			<u>5,940</u>	

Functional Considerations: This space should be located near a public lobby and outside of the security area.

HOUSING COMPONENT

This facility is designed to have five 30 bed housing units. Each unit will include not only individual rooms for each inmate, but also office/consultation areas for the mental health and correctional professionals assigned to provide services to the inmates of the unit. Inmates will be in the unit primarily during night hours, as scheduled treatments and activities will occur in the common areas. Scheduling of activities will be individualized based on case conferences and monitoring of each unit's staff.

As the psychological stability of inmates of this facility will vary over time, the type of programming to be offered to an inmate will be determined based on his current functioning. A "Levels System" will be implemented to facilitate the implementation of programming related to current functioning.

In the future, the possibility exists that this facility may be turned over to Social and Rehabilitation Services (SRS) for use as a hospital. Therefore, the cells must be designed for future expansion at the exterior wall for toilets and showers.

Space requirements for each of five living units are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Single Occupant Cell -- Cell will be inhabited by one inmate. Two cells need to be adapted for handicapped.	30	100	3000	Room with two windows for natural lighting, sink/toilet combination, recessed ceiling lighting, door with window permitting total visibility of cell; two safe electrical outlets on wall opposite bed area, built in bed, lockable wardrobe desk area without protruding parts, steel stool, 2 x 3 wall area for taping up personal items, TV cable accessibility, wall mounted cigarette lighters, ventilation adequate to accommodate heavy smoker; coat hooks which break under pressure, doors electronically controlled.

HOUSING COMPONENT

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Correctional Counselor Office Space for paperwork and meeting with inmates (possibly with Corrections Officer present).	1	130	130	Room with natural lighting, electrical outlets each wall, door with window allowing full visibility. Desk component, 2 side chairs, file cabinet for personal files, bookcase, coat rack and computer.
Conference Room Space to be used for monthly case conferences.	1	200	200	Conference table for 8 chairs, credenza, telephone; one electrical outlet each wall.
Day Room Room for recreation in evening and weekend; capable of accommodating 35 at community meeting.	1	1050	1050	Room with natural lighting; may be L-shaped to permit "quiet" area but all must be visible, 2 telephones for inmate use, wall mounted cigarette lighters, ventilation to permit smoke removal, 2 sofas, 3 tables seating 4, end tables, mounted magazine rack, TV.
Linen Area	1	80	80	Area for storage of soiled and clean linen.
Housekeeping Room Storage	1	60	60	Utility sink, storage cabinet for cleaning supplies and unit supplies, buffer, mop, emergency medical kit.
Inmate Bathing	8	300	300	"Gang shower", 2 WC, 2 Lav.
Handicapped Bathing	1	80	80	Wide door, 1 WC 1 Lav.
Staff Restroom	1	40	40	1 WC, 1L

HOUSING COMPONENT

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SOFT</u>	<u>SOFT</u>	<u>COMMENTS/EQUIPMENT</u>
Hall Area				Needs drinking fountains, telephone, ice machine.
Correctional Officer - Work Area	1	50	50	Office space in center area.
Multi-Purpose Room	1	300	<u>300</u>	
TOTAL HOUSING UNITS			5,290	
TOTAL HOUSING AREA			<u>x 5</u> <u>26,450</u>	

MENTAL HEALTH

Mental health services will be provided within the common area for those inmates able to participate in the total program. Services provided will include psychological evaluation, individual counseling, group counseling and mental health education. The psychologist will receive supervision and clerical support from the mental health administrative staff. Treatments and activities will be scheduled hourly with ten minute breaks, thus the waiting area (shared with Activities) should permit the "breaks" of up to 60 inmates. Mental Health Group Treatment Rooms may be also used by Activities Therapists for psychosocial education (e.g. life skills, current events).

Space requirements for Mental Health Services are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Office: Psychologist, Ph.D. Office should have access from hall and workroom; used for administrative functions and clinical supervision.	1	180	180	Room with natural lighting, electrical outlets each wall. Door to hall prevents inmate access. Windowed door to work area. Desk component. Side chair, small conference table and 4 chairs, bookcase, credenza, dictaphone, reference books, coat rack.
Inmate Restroom	1	40	40	1 WC, 1 Lav., H.C. access
Office: Psychologist MA Office should have access from waiting area, space for paperwork and meeting with inmates (possible with CO present).	6	130	780	Room with natural lighting, electrical outlets each wall. Door with window allowing full visibility. Desk component, 2 side chairs, file cabinet for personal files, bookcase reference books, coat rack.
Occupational Therapist Area	3	100	300	

MENTAL HEALTH

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Workroom Space for Secretary III	1	200	200	Room with waiting area wall completely windowed, two electrical outlets per wall, desk component, telephone capable of central operation, typewriter, computer, computer table, file cabinet, supply cabinet for office supplies, 6' table and 4 chairs for working space, mail distribution area, transcriber, coffee/sink area, coat rack, door with access to psychiatric workroom of medical unit.
Clerks	3	100	300	
Storage	1	100	100	
Copy Room	1	100	100	Copy machine, shredder
Testing Room	1	100	100	Windowed wall at corridor.
Lounge w/Restroom	1	200	200	
Group Treatment Rooms Area for group treatment or education involving up to 12 inmates -- will be shared with Activities Department.	3	200	600	Room with corridor wall completely windowed; 14 chairs, small side table for staff note taking, and large blackboard.
TOTAL			<u>2,900</u>	

Functional Considerations:

1. Near Medical Department and Psychiatric Services.
2. Inmate access seven (7) days per week.

MEDICAL DEPARTMENT

The Medical Department will provide psychiatric services, medical evaluations, routine medical care, dental care and emergency medical care. The unit will be staffed by nurses 24 hours a day. The infirmary will consist of 5 single occupant rooms so that they may be used for observation and suicide precaution protocols. Inmates requiring intensive treatment and immediate accessibility to a physician will be transferred to a community hospital. Sick call will be conducted daily with referrals to the physician as needed.

Space requirements for the Medical Department are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Office: Psychiatrist Office needs access from Medical Waiting Room and Psychiatric Workroom.	1	180	180	Room with natural lighting, electrical outlets on each wall. Has access to Medical Waiting Room and to Mental Health Workroom through Psychiatric Work Area, as Mental Health Secretary will do typing. Windowed door to waiting area and Psychiatric Workroom. Desk component, side chair, small conference table with 4 chairs, bookcase, credenza, dictaphone, reference books, coat rack.
Psychiatric Workroom Office space for two psychiatric nurses. Direct access to Mental Health Workroom and Medical Records or Medical Workroom.	1	200	200	Electrical outlets on each wall, windowed doors, 2 desk components, file cabinet, typewriter and table, bookcase, 2 side chairs, reference books, coat rack, dry erase board.

MEDICAL DEPARTMENT

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Office: Medical Doctor Office needs access from Waiting Room and be close to Nursing Station.	1	180	180	Room with natural lighting, electrical outlets each wall, door to waiting area is windowed, desk component, 2 side chairs, credenza, bookcase, reference books, coat rack, dictaphone.
Office: Registered Nurse IV Office needs access to Workroom and near Nursing Station and Medical Doctor.	1	150	150	Room with natural lighting. Electrical outlets each wall. Door with window allowing visibility. Desk component, 2 side chairs, file cabinet for personal files, bookcase, reference books, coat rack.
Office: AO III Clinic Administrator Office needs access to Workroom.	1	160	160	Room with natural lighting, electrical outlets each wall, desk component, 2 side chairs, file cabinet for personal files, bookcase, reference books, coat rack.
Work Area Space for Office Assistant III and Office Assistant II. Directly off Waiting Area near Nursing Station.	1	300	300	Room with waiting area wall completely windowed, two electrical outlets per wall, 2 desk components, telephone capable of central operation, typewriter, computer and computer table, adding machine, transcriber, xerox machine, (collator and automatic feed), 2 file cabinets, supply cabinets for office supplies, 6' table and 4 chairs, paper shredder, mail distribution area, coffee/sink area, coat rack, ventilation for smoke removal, dry erase board.

MEDICAL DEPARTMENT

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Staff Restrooms Located near Workroom and Nursing Station.	2	40	80	1 WC, 1 L (1 Female, 1 Male). H.C. Accessible
Waiting Area	1	200	200	Desk component for correctional officer (TV monitor for observation cells), 16 chairs for waiting inmates, drinking fountain, two large bulletin boards, TV and VCR for health education, mounted magazine rack, electrical outlets each wall, clock.
General Med. St.	1	100	100	Shelving as required for medical supplies.
Inmate Restroom Off Waiting Area near Nursing Station for passing urine specimen.	1	40	40	1 WC, 1 L
Nursing Station Work space for two nurses, access to both Dispensary and Infirmary Area, Medical Records and medication storage have direct access.	1	200	200	Counter high walls with sliding windows to both Dispensary, Waiting Room and Infirmary, counters with drawer storage underneath, sink, telephone, 3 movable stools, clock, waste basket, dry erase board, electrical outlets on each wall, movable chart rack, TV monitor for observation cells.

MEDICAL DEPARTMENT

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Medication Storage Access through Nursing Station.	1	30	30	To hold medication chart, counter space with storage and small refrigerator underneath, wide door for carts to pass through, flip charts for MARS, telephone, two electrical outlets.
Medical Record Storage Access through Nursing Station.	1	100	100	Lateral files, small counter area with stool, telephone, 2 electrical outlets.
Dietary Space Near Nursing Station in Infirmary Area.	1	40	40	Wide door so access to hot food cart, sink, refrigerator, microwave, overhead cabinets, windowed door, two electrical outlets, vent for odor removal.
Doctor Exam Room Access from Waiting Room near Medical Doctor's Office, next to Treatment Room.	2	100	200	Door with window, exam table, movable stool, lighting, oto ophthalmoscope and blood pressure cuff mounted on wall, sink, utility cart, shelf and chair for note writing, electrical outlet each wall.
Emergency Room Direct access from hallway and easy access to ambulance area. Walls should be tiled.	1	300	300	Wide doors with windows, emergency cart, utility cart, movable stool, mayo stand kick-bucket, foot stool, sink, locked storage areas above and below counter on one side, defibrillator, oxygen and suction built in, telephone, stretcher, leg lift, lighting.

MEDICAL DEPARTMENT

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SOFT</u>	<u>SOFT</u>	<u>COMMENTS/EQUIPMENT</u>
Housekeeping Closet Dispensary Area	1	80	80	Utility sink, storage cabinet for cleaning storage supplies, buffer, mop.
Infirmary Rooms Single occupant cells which can be stripped to serve as observation units. (Need Telephone for inmate use in hall.)	5	100	500	Wall to corridor completely windowed, shades hung on hall side, sink and toilet controlled from outside, doors have "Feed slot", natural lighting with "safe" windows, recessed lighting and covered by TV monitor, hospital bed, over-bed table, wardrobe, chair, tiled walls and floor, call button.
Storage Area In Infirmary Area	1	120	120	Cabinets for storage of medical supplis, cabinet for storage of inmate property, wheel chair(s), crutches, IV poles with wheels on base, movable TV, mattresses to be used for observation status, 2 sets of medical restraints, gurney, used to store Infirmary Room furniture when room is stripped.
Whirlpool Tub	1	100	100	
Clean Linen Supply	1	60	60	Storage for movable linen cart with cover.
Soiled Linen Closet	1	40	40	Storage of closed clothes hamper, access to incinerator for destroying contaminated material.

MEDICAL DEPARTMENT

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Patient Shower/Tub Near to Infirmary Rooms.	1	80	80	1 S, 1 WC, 1 L, 1 T - must be suitable for handicapped shower windowed top half for visibility.
Dental Area	1	200	200	Two dental chairs and equipment, sink cabinets, equipment for eye exams.
Dental Storage	1	50	<u>50</u>	
TOTAL			<u>3,690</u>	

Functional Considerations:

Area will need adequate air conditioning for medical setting.

PHARMACY

The Pharmacy will provide unit dose distributions for prescribed medication as well as stock "over-the-counter" medications. Three medication carts will be refilled daily with required medication. The Pharmacy must be located outside of secured area to prevent inmate access. Controlled medications must be maintained in secured storage.

Space requirements for the Pharmacy are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Pharmacy Working space for staff of two, plus storage of bulk medication.	1	300	300	Access must be limited, door wide enough for medical carts to pass through easily, one desk component, typewriter, computer and table, adding machine, counterspace with storage drawers underneath and cabinets above. File cabinet, shelving for storage, adding machine, sink with hot/cold water, refrigerator with thermometer, equipment for packing unit dose (tablet and liquid medication), cabinet for office supplies, 2 side chairs.
Secured Storage Storage of controlled drugs.	1	40	40	Shelving and/or cabinets.
TOTAL			<u>340</u>	

Equipment Requirements By Statute:

1. Minimum NSF of counter space and pharmacy area (?)
2. Class A scale
3. Apothecary weights
4. Metric weights

PHARMACY

Equipment Requirements (continued):

5. Mortar and Pestle (2)
6. Column cylinder
7. Apothecary cylinder
8. Pill tile
9. Reference Books

Medication Carts:

Locked medical storage for distribution of unit dose of various locations. Use cassettes.

ACTIVITIES DEPARTMENT

Activities will be provided within the common area for the 150 inmates able to be housed in the living units. Activities to be offered will include; painting, drawing, bead craft, leather craft, horticulture, exercise, aerobics, wood craft, music, and other structured recreation. Space will also be provided for unstructured recreation such as board games and television/movie viewing. As many of the inmates of this facility will function only marginally, they will need space for unstructured relaxation periods if they are to cope effectively with eight (8) hours of "out-of-cell" time daily. Psychosocial education by the Activities Department will be conducted in the Mental Health Services Area.

Space requirements for Mental Health Services and the Activities Department as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SOFT</u>	<u>SOFT</u>	<u>COMMENTS/EQUIPMENT</u>
Waiting Area To be used for monitoring inmate attendance.	1	100	100	Room directly off the workroom and offices requiring inmate access for each unit. 16 side chairs, mounted magazine rack, two large bulletin boards, desk component for correctional officer, drinking fountain, ventilation facilitating smoke removal.
Inmate Restroom	2	60	120	1 WC, 2 L, 1 U
Staff Restroom	2	40	80	1 WC, 1 L (1 Female, 1 Male)
Storage Closet	1	40	40	Shelving for storage of audio-visual equipment (screen, overhead, tape cassettes) and treatment material, movable TV and VCR. Storage of three 8' folding tables, and 25 folding chairs, tabletop podium.

ACTIVITIES DEPARTMENT

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Housekeeping Closet	1	60	60	Utility sink, storage cabinet for cleaning supplies and units' supplies; buffer, mop, emergency medical kit.
Office: Active Treatment Program Director Office should have access from hall and workroom, used for administrative functions.	1	180	180	Room with natural lighting, electrical outlets each wall, door to hall prevents inmate access, windowed door to work area, desk component, side chair, small conference table and 4 chairs, bookcase, credenza, reference books.
Office: Activity Therapist I Shared space with movable partitions (7 desk areas).	7	90	630	Room off work area, electrical outlets every 3', 7 desk components, 2 bookcases, side chairs, coatrack.
Workroom Space for Office Assistant III; Also used by correctional officers and staff assigned to unit.	1	150	150	Room with waiting area wall completely windowed. Two electrical outlets per wall. Desk component, telephone capable of central operation, typewriter, computer and computer table, 2 file cabinets, supply cabinet for office supplies, xerox machine (collate & automatic feed), 8' table and 6 chairs for working space, mail distribution area, coffee/sink area, coatrack, dry erase board for staff locations.

ACTIVITIES DEPARTMENT

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SOFT</u>	<u>SOFT</u>	<u>COMMENTS/EQUIPMENT</u>
Large Group Activities Space for up to 16 inmates engaged in craft activities (painting, bead craft, drawing)	1	300	300	Room with corridor wall completely windowed, sink, two electrical outlets each wall. Four 8' work tables and 16 chairs, 2 large storage cabinets for craft supplies, cork wall for display of inmate, small work table and chair for therapist, telephone, blackboard.
Individual Rooms	2	100	200	
Small Group Activities Space for up to 10 inmates engaged in craft activities (horticulture, newsletter, music, painting.	2	200	400	Room with corridor wall completely windowed, sink, two electrical outlets each wall, two 8' work tables with 10 chairs, large storage cabinet for craft supplies.
Large Unstructured Recreation Area Area for up to 20 inmates; ping pong, board games, bingo.	1	800	800	Room with corridor wall completely windowed, one electrical outlet each wall, three 4 seat game tables, TV and VCR with 8 chairs for TV viewing, ping-pong table, mounted newspaper/magazine rack, large cabinet for storage of games, desk component for correctional officer, room with natural lighting.
Equipment Issue Individual inmate, Outside or Inside	1	300	300	

ACTIVITIES DEPARTMENT

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Small Unstructured Recreation Area Area for up to 8 inmates; board games, TV viewing.	2	200	400	Room with corridor wall completely windowed. One electrical outlet each wall, two 4 seat game tables, TV, 6 chairs for TV viewing and reading, mounted newspaper/magazine rack.
Exercise Area/Gym Area for up to 10 inmates to participate in aerobics or structured exercise.	1	2200	2200	Room with corridor wall completely windowed, electrical outlet each wall, cassette player, exercise mats.
Weight Training Area for up to 4 inmates to participate in unstructured exercise and weight training.	1	200	200	Room with corridor wall completely windowed, weight machine, matted floor.
Outside Recreation Preparation Room Area for preparing inmates for structured outside recreation.	1	150	150	Access to outside recreation area, desk component for correctional officer, small table and chair for therapist note taking, two benches for inmates, large storage cabinet for equipment (basketballs, whiffle ball).
Outdoor Restroom	2	40	80	1 WC, 1 L
Indoor Restrooms	2	80	160	1 WC, 1 L
D.F. Staff Restroom	1	40	40	

ACTIVITIES DEPARTMENT

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Central Storage Area	1	100	100	Shelving to store activities supplies not requiring immediate access.
TOTAL			<u>6,690</u>	

Functional Considerations:

Access to Outside Recreation:

- Track
- Basketball Court
- Whiffle Ball Court
- Picnic Tables
- Volleyball Court

- (1) Area should be wired for panic buttons.
- (2) Provide for future expansion of gym area.

ACADEMIC EDUCATION

The Academic Education Program will be structured like those of other Kansas Department of Corrections facilities. The program will include evaluation of current functioning as well as provision of educational experiences for inmates at various achievement levels (e.g. Basic Education Program, Regular Education Program and General Equivalency Diploma). Inmates who have a high school diploma or GED will be permitted to participate in individualized education programs (e.g. computer training) if involvement is indicated therapeutically. Education will be provided in small group settings. Large treatment rooms in D/A treatment will be used for large education groups and recognition ceremonies.

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SOFT</u>	<u>SOFT</u>	<u>COMMENTS/EQUIPMENT</u>
Office: Academic Education Director Office should have access from hall and workroom; used for administrative functions and staff supervision.	1	180	180	Room with natural lighting, electrical outlets each wall, door to hall prevents inmate access, windowed door to work area, desk component, side chair, small conference table and 4 chairs, bookcase, credenza, dictaphone, reference books, coat rack, computer.
Office: Counselor Office should have access to waiting area, space for paperwork and meeting with inmates.	1	130	130	Room with natural lighting, electrical outlets each wall, door with window allowing visibility, desk component, two side chairs, file cabinet for personal files, bookcase, reference books, coatrack.
Individual Teaching Room Space for substitute teacher, can also be used for individualized teaching.	1	100	100	Access from waiting area, electrical outlet each wall, door with window allowing visibility, desk component, bookcase, coatrack, two side chairs.

ACADEMIC EDUCATION

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Testing Room Individual testing.	1	120	120	Visible from waiting area and counselor office, student desks.
Work Area Space for secretary and clerk.	1	100	100	Room with waiting room wall completely windowed, two electrical outlets per wall, 2 desk components, telephone capable of central operation. typewriter and table, computer and computer table, 2 file cabinets for education files, supply cabinet for office supplies, xerox machine (collate & automatic feed) 8' table and 8 chairs for working/meeting space, mail distribution area. Transcriber, coffee/sink area, coatrack.
Storage Room Storage of academic books, testing equipment and school supplies.	1	100	100	Shelving.
Classrooms Area for maximum of 10 students, area will also be teacher's office.	4	400	1600	Rooms with corridor wall completely windowed, desk component, 10 student desks, file cabinet, bookcase, blackboard, bulletin board, electrical outlets each wall, table top podium.
Computer Room Access from adjacent classroom, for self-directed instruction.	1	120	120	Corridor wall and/or adjacent classroom wall completely windowed, 3 computers and 1 printer, small table and 2 chairs, blackboard, bulletin board, typewriter.

ACADEMIC EDUCATION

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SOFT</u>	<u>SOFT</u>	<u>COMMENTS/EQUIPMENT</u>
Break Area	1	250	250	Counter space with seating for inmates.
TOTAL			<u>2,700</u>	

DRUG/ALCOHOL TREATMENT

The Drug/Alcohol Treatment Program will be structured like those of other Kansas Department of Corrections facilities, but will be modified to be compatible with the inmate's level of functioning. Programs offered will range from intensive day treatment programs to supportive aftercare and education programs.

Space requirements for the Drug/Alcohol Program are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SOFT</u>	<u>SOFT</u>	<u>COMMENTS/EQUIPMENT</u>
Office: D/A Director Office should have access from hall and workroom, used for administrative functions and staff supervision.	1	180	180	Room with natural lighting, electrical outlets each wall, door to hall prevents inmate access, windowed door to work area. Desk component, side chair, small conference table and 4 chairs, bookcase, credenza, dictaphone, reference books, coatrack.
Office: Substitute Counselor Area for paperwork and individual counseling.	1	100	100	Access from waiting area, electrical outlet each wall, door with window allowing visibility, desk component, one side chair, bookcase, reference books, coatrack.
Work Area Space for D/A secretary	1	130	130	Room with waiting room wall completely windowed, two electrical outlets per wall, desk component, telephone capable of central operation, typewriter, computer and computer table, 2 file cabinets for D.A. inmate files, supply cabinet for office supplies, xerox machine (collate & automatic feed), 6' table and 6 chairs, mail distribution, transcriber, coffee/sink area, coatrack.

DRUG/ALCOHOL TREATMENT

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Janitor Closet	1	40	40	
Testing Center	1	100	100	
Storage	1	100	100	Shelving for storage of D/A educational material.
Counselor Offices	5	90	450	Open office space.
Treatment Room	2	200	400	Room with corridor wall completely windowed, electrical outlet each wall, desk component, side chair, 12 chairs for group therapy, bookcase, reference books, blackboard, file cabinet for personal files.
Break Area	1	200	200	
TOTAL			<u>1,700</u>	

Functional Considerations:

This area should be wired for panic buttons.
Near Academic Education.

LIBRARY

This facility will have a general library and a law library to support the Academic Program, recreational reading, and a specialized Law Library.

Space requirements for the Library are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SOFT</u>	<u>SOFT</u>	<u>COMMENTS/EQUIPMENT</u>
Librarian Office	1	160	160	
Office Specialist Workroom	1	150	150	Checkout counter
Inmate Area	2	40	80	
Law/General Library	1	650	650	Seating for 15, 4 S.F. per inmate, 5,000 volumes
Staff Restroom	1	40	40	1 WC, 1 Lav.
Inmate Restroom	1	40	<u>40</u>	1 WC. 1 Lav.
TOTAL			<u>1,120</u>	

Functional Considerations:

1. Space to be adjacent to Education Area.
2. Library to have separate access from Education.
3. View to outside.

STOREROOM/CANTEEN

A central warehouse will receive, hold and provide inventory control for a ninety (90) day supply of all commodities required for the operation of the facility. Canteen stores will be held in a separate area. All goods will be dispensed through a single issue point located in the common area, under the supervision of the Storekeeper.

Space requirements for the Storeroom/Canteen are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Storekeeper I	1	150	150	
Staff Tlt.	1	30	30	
Canteen Stores	1	400	400	Securable, sink, 20' refrigerator 16' deep.
Canteen Counter	1	100	100	
Staff Toilet	1	40	40	
Janitor Closet	2	60	<u>120</u>	
TOTAL			<u>840</u>	

Functional Considerations:

1. Storekeeper's Office to have view of both dock and receiving area.
2. Warehouse to be located outside security area, canteen to be in the common area, canteen to be open one (1) day per week. Warehouse will be closed on that day.
3. Add 3,000 square foot warehouse with 150 square foot office space, 200 square foot receiving area, and janitor closet as alternate number 1.

MAILROOM

This space will be the collection space for all incoming and outgoing mail. Incoming mail will be divided between departments within the facility. All outgoing mail will be collected, stamped, and placed into mail sacks.

Space requirements for the Mailroom are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Correctional Specialist I Mail Area	1	200	200	Desk, chair, typewriter, computer table, mail slots.
TOTAL			<u>200</u>	

Functional Considerations:

Space should be outside the security area.

RECORDS/CLASSIFICATION

This area stores files for all inmates currently in the facility.

Space requirements for the Records/Classification area are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Correction Mgr Office	1	180	180	Private
Office Assistant III	1	150	150	
Office Specialist	2	150	150	
Unit Team Mgr Office	1	160	160	
Office Asst II	3	100	300	
File Space	1	100	100	High density files
Waiting Area	1	100	100	Counter
File Review Area	1	100	<u>100</u>	
TOTAL			<u>1,240</u>	

Functional Considerations:

1. Must be located outside security area.
2. Must allow easy access to medical staff.

FOOD SERVICE

The Food Service Area is sized for one hundred fifty (150) inmates and fifty (50) staff per meal, three (3) meals per day, seven (7) days per week. The kitchen will receive its food, ready to serve, from Larned State Hospital. Staff and inmate labor will divide the food and place it on the serving line.

Food Service Department will be by cafeteria style serving line immediately adjacent to the kitchen. Dining area for inmates sized to serve entire population over a two hour period. Staff dining is served by the same line with dining for 25 people at any one time. All dining at 4 person tables. Kitchen area is designed to be expanded for future stand alone food service.

Space requirements for the Food Service Area are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SOFT</u>	<u>SOFT</u>	<u>COMMENTS/EQUIPMENT</u>
Food Service Supervisor	1	160	160	Desk, credenza, chairs
Supervisors Offices	4	80	320	Desk, chair, open.
Staff Restroom	1	40	40	
Inmate Restroom	1	40	40	
Cooler/Dairy/ Vegetable	1	150	150	
Reheat Area	1	350	350	
Meat Freezer	1	120	120	
Cart Wash/Stor.	1	80	80	
Trash Holding	1	80	80	
Serving Line	1	200	200	
Dining	1	1125	1125	15 S.F. per inmate, 75 inmates served in 30 minutes.
Dishwashing	1	200	200	
Dock Area	1	200	200	

FOOD SERVICE

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Loading/Unloading	1	150	<u>150</u>	
TOTAL			<u>3,215</u>	

Functional Considerations:

1. Manager's Office to have view of cooking area.
2. Dock access required.
3. Within security zone.

CHAPLAINCY AREA

This area provides for attendance at regular religious services as well as religious counseling program. Religious services will be held in a chapel, which can be used as a multi-use space. The non-denominational chapel will have seating for twenty percent (20%) of the inmate population, counseling programs will use the Chaplaincy Office, and multi-purpose space shall be located in the housing units.

Space requirements for the Chaplaincy Area are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Chaplain's Office	1	120	120	Desk, chair, credenza, 2 visiting chairs, windowed door.
Chapel With 8" step.	1	450	450	Seating for 50.
Storage	1	60	<u>60</u>	
TOTAL			<u>630</u>	

Functional Considerations:

1. Inmate toilets should be nearby.
2. Locate in security area.

LAUNDRY

The Laundry will provide cleaning and maintenance for all inmate clothing, linen, and bedding. Size is based on three (3) changes per week for all items and a total production requirement of eighteen (18) lbs./inmate/week. The Laundry will operate a day and an evening shift.

Space requirements for the Laundry are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SOFT</u>	<u>SOFT</u>	<u>COMMENTS/EQUIPMENT</u>
Soiled Laundry	1	180	180	Sorting and intake.
Clean Laundry	1	160	160	Sorting and mending area with sewing machine.
Issue Area	1	160	160	
Laundry Supplies	1	40	40	
Staff Restroom	1	40	40	
Inmate Restroom	1	40	<u>40</u>	
TOTAL			<u>620</u>	

Functional Considerations:

1. Space should be located within the Common Area.
2. Dock with cover.

SECURITY

Day to day management of custody operations and security of this facility is the responsibility of this department.

Space requirements for the Security Division are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Shakedown Room	2	80	160	Adjacent to Control Area
Disciplinary Grievances AO III	1	120	120	
Major	1	180	180	In Support Building
Captain	1	150	150	In Support Building
Lieutenant	1	120	120	In Support Building
Fire/Safety	1	120	120	Adjacent to Armory in Administration Building
Secretary	1	100	100	In Support Building
Office Assistant	1	100	100	In Support Building
Files	1	20	20	In Support Building
Roll Call/Lounge	1	300	300	In Administration Building
Emerg. Op's. Rm.	1	200	200	In Administration Building
SCAT Room	1	175	175	Adjacent to Training, bins 3 x 2 x 2 in Administration Building
Armory Office	1	100	100	Adjacent to Armory
Armory	1	120	120	Vent/Weapons Storage in Administration Building
Interrogation Tlt.	1	25	25	In Administration Building
Interrogation Rm.	1	120	120	In Administration Building
I & I Office	1	120	120	In Administration Building
I & I Storage	1	80	80	In Administration Building

SECURITY

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Control Room	1	150	150	In Support Building
Control Rm @ H.U.	1	150	150	In Housing Area
Locksmith	1	100	100	Adjacent to Armory in Administration Building
Staff Tlt's	2	120	240	Near roll call
Sally Port	1	150	<u>150</u>	At security fence
TOTAL			<u>3,100</u>	

VISITING AREA

The Visiting Area will allow for non-contact and contact visiting under the supervision of two (2) security officers.

Space requirements for the Visiting Area are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SOFT</u>	<u>SOFT</u>	<u>COMMENTS/EQUIPMENT</u>
Non-Contact Visiting Booths	5	50	250	Booths with glass wall between each, clocks.
Contact Visiting	1	900	900	Room for 20 inmates and 20 visitor tables, chairs, clock, sofa, residential seating.
Control Station	1	100	100	
Inmate Tlt.	1	40	40	1 WC, 1 Lav.
Visiting Tlt's M	1	80	80	1 WC, 1 U, 2 Lavs.
Visiting Tlt's F	1	80	80	2 WC, 2 Lav.
Private Visiting Room	1	100	100	
TOTAL			<u>1,200</u>	

Functional Considerations:

Area to be adjacent to public lobby and security booths. This space is for visitation between inmates and the public. Non-contact visitation should be near security and adjacent to the corridor that inmates will use when returning to their cells. Security must also be able to view the open visiting area. This area should be designed for small seating areas for two to six people. Most visits will consist of three persons or less. The contact visiting should be designed as a residential living space.

INMATE RECEPTION AREA

This space will provide for the processing of inmates into and out of this institution. The reception process may include shakedown, property inventory and holding, clothing issue, fingerprints, receipt of records from transport officer, medical status check-in, and determination of housing assignment.

Space requirements for the Inmate Reception Area are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SOFT</u>	<u>SOFT</u>	<u>COMMENTS/EQUIPMENT</u>
Waiting - In	1	100	100	Seating for eight (8).
Security Booth	1	80	80	Counter, clock.
Transport Officer	1	60	60	View into waiting and sally port.
Property Storage	1	150	150	Shelving for storage of inmate items.
Clothing Issue	1	150	150	
Exam	1	100	100	Same as medical examination room.
Holding	2	80	160	
Waiting - Out	1	120	120	Seating for eight (8).
Showers	1	60	60	
Inmate Restroom	1	40	<u>40</u>	
TOTAL			<u>1,020</u>	

Functional Considerations:

1. Adjacent to sally port - 40 passenger bus.
2. Near Health Services.

BARBER SHOP

This area will be used for the cutting of inmates hair. This space will be open five (5) days per week.

Space requirements for the Barber Shops are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Chair Area	1	120	120	This area will have 2 barber chairs, barber sink, counter space with lockable storage below, mirror along part of the sink wall, and a clock. Additional seating for 3 people.
TOTAL			<u>120</u>	

Functional Considerations:

1. This space should be located in the common area on the secured side.
2. Glass wall should separate this space from the corridor or central area for security viewing.

CUSTODIAL SERVICES

Space requirements for Custodial Services are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SQFT</u>	<u>SQFT</u>	<u>COMMENTS/EQUIPMENT</u>
Custodial Supervisor II	1	100	100	Lockable storage in physical plant office.
Custodial Supervisor I	1	120	120	In facility area.
Custodial Supervisor I				In facility area.
Custodial Supervisor I				In facility area.
Custodial Storage	1	70	<u>70</u>	1 sink, electricity.
TOTAL			<u>290</u>	

PHYSICAL PLANT

This space will provide steam, chilled water, hot water, electrical power, emergency power and telephone utilities to this facility.

Space requirements for the physical plant are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SOFT</u>	<u>SOFT</u>	<u>COMMENTS/EQUIPMENT</u>
Physical Plant Manager	1	120	120	
Facility Maintenance Office	1	250	250	
Office Assistant	1	100	100	
Plan/Conf. Room	1	200	200	
Electrical Room	1	300	300	
Telephone/Data	1	300	300	
Mechanical Area	1	1400	1400	
Emerg. Gen. Room	1	300	300	
Staff Restroom	1	40	40	
Inmate Restroom	1	40	40	
Housekeeping Closet	1	40	40	
Vehicle Maint. Area	1	350	350	1 parking space, 2 bays
Shops	1	1500	1500	
Tool Room	1	100	<u>100</u>	
TOTAL			<u>5,040</u>	

GROUNDSKEEPING

Space requirements for Groundskeeping are as follows:

<u>ROOM/FUNCTION</u>	<u>QTY</u>	<u>SOFT</u>	<u>SOFT</u>	<u>COMMENTS/EQUIPMENT</u>
Grounds Maintenance Supervisor II Office	1	100	100	Work station.
Grounds Maintenance Supervisor I		100	100	In equipment storage area.
Grounds Maintenance Supervisor I				In equipment storage area.
Winter Equipment Storage	1	300	300	Tractor, salt, snow shovels, sec. stor. & maint. bench.
Summer Equipment Storage	1	300	300	4 push mowers, 2 riding mowers, shovels, rakes, etc., sec. stor. & maint. bench.
Inmate Toilets	1	40	40	
Misc. Maintenance Storage	1	200	200	Combine with W-S areas, lumber, doors, etc.
Washroom	1	150	<u>150</u>	
TOTAL			<u>1,190</u>	

PARKING

Parking requirements are computed separately for visitors and staff. Inmate visitors constitute the major generator of visitor parking requirements. The visiting component can accommodate approximately thirty (30) visitors, plus children, at any one time. Assuming 1.8 persons per car, seventeen (17) spaces are required for inmate visitor parking. An additional five (5) spaces are allowed for official and/or business visitors for a total of twenty-two (22).

Staff parking requirements will depend primarily on the number of staff present at the facility at any one time. The following table illustrates this count during a typical weekday, based on the staffing pattern set out in this program.

<u>Time</u>	<u>Staff Group</u>	<u>Count</u>	
	Night Shift	17	17
6 a.m.	Day Shift Arrives	42	59
	Night Shift Departs	-17	42
8 a.m.	General Staff Arrives	92	134
2 p.m.	Evening Shift Arrives	43	177
	Day Shift Departs	-42	135
5 p.m.	General Staff Departs	-92	43
10 p.m.	Night Shift Arrives	17	60
	Evening Shift Leaves	-43	17

The above table indicates the peak staff present at any one time is one hundred seventy-seven (177), and after the shift change, a peak of one hundred thirty-five (135). Since the peak requirement for staff parking does not coincide with the peak requirements for visitor parking (weekends and holidays). Provisions for the number of staff parking required is one hundred thirty-five (135).

Total recommended parking is one hundred fifty-seven (157) vehicles; 135 for staff, and 22 for visitors. Plan layout should permit flow from staff and visitor parking areas.

SITE REQUIREMENTS

Site requirements for this facility include all outdoor space.

1. Provide two (2) acres of outdoor recreation space; basketball court, softball area, horseshoes, etc. - large slab.
2. Provide a walking/running path.
3. Provide three (3) towers with full view of all outside areas. Towers will require weapons, lighting, telephone and radio. At towers, provide turnaround and two parking spaces.
4. Site lighting able to provide two (2) F.C. over all area within the fence.
5. Two (2) security fences, by First Defense International Security Co., Model MacDougall Fence, barbed type.
6. All grass areas will be seeded using inmate labor.
7. Provide concrete sidewalks as required, 10' wide.
8. Perimeter Road.

ARCHITECTURAL SUMMARY

<u>AREA</u>	<u>SQFT</u>
Administration	5,940
Housing Component	26,450
Mental Health	2,900
Medical Department	3,690
Pharmacy	340
Activities Department	6,690
Academic Education	2,700
Drug/Alcohol Treatment	1,700
Library	1,120
Storeroom/Canteen	840
Mail Room	200
Records/Classification	1,240
Food Service	3,215
Chaplaincy Area	630
Laundry	620
Security	3,100
Visiting Area	1,200
Inmate Reception Area	1,020
Barber Shop	120
Custodial Services	290
Physical Plant	5,040
Grounds Keeping	<u>1,190</u>
 SUBTOTAL	 70,235
30% GROSS	<u>21,101</u>
TOTAL	<u>91,336</u>

STAFFING SUMMARY

STAFFING SUMMARY

<u>Component</u>	<u>Position</u>	<u>Day Staff</u>	<u>Shift Staff</u>			<u>Relief</u>
			<u>1</u>	<u>2</u>	<u>3</u>	
Administration	Director	1				
	Deputy Director	1				
	Admin. Officer III	1				
	Secretary III	1				
	Secretary II	1				
	Inst. Business Mgr.	1				
	Accountant I	1				
	Bookkeeper	1				
	Office Assistant III	2				
	Office Assistant II	1				
	Personnel MS III	1				
	Office Specialist II	1				
	Training Officer	1				
	Training Psychologist	1				
Mental Health	Psychiatrist	1				
	Psychologist Ph.D.	1				
	Psychologist MA	5				1
	Psychiatric Nurse		1	1		
	Secretary III	1				
	Office Assistant III	2	1			
Occupational Therapist	1	1	1			
Physical Health	Medical Doctor	.5				
	Registered Nurse IV	1				
	Registered Nurse		1	1	2	2
	AO III Clinic Admin.	1				
	Pharmacist I	1				
	Pharmacy Attendant	1				
	Office Assistant III	1				
	Office Assistant II	1				
Storeroom/ Canteen	Storekeeper III		1			
	Storekeeper II			1		
Records/ Classification	Corrections Manager I	1				
	Office Specialist	1				
	Office Assistant III	1				
	Unit Team Manager	1				
	Corr. Counselor II	5				
	Office Assistant II	2				
Mail Room	Corr. Specialist I	1				

STAFFING SUMMARY
(Continued)

<u>Component</u>	<u>Position</u>	<u>Day Staff</u>	<u>Shift Staff</u>			<u>Relief</u>
			<u>1</u>	<u>2</u>	<u>3</u>	
Activity Therapy	Active Treatment					
	Program Director	1				
	Activity Therapist II		1	1		
	Activity Therapist I		2	3		
	Office Assistant III	1				
Physical Plant	Physical Plant Sup. II	1				
	Facility Main. Sup.	3				
	Office Assistant III	1				
Grounds Keeping	Grounds Main. Sup. II	1				
	Grounds Main. Sup. I		1	1		
	Grounds Keeper	1	1	1		
Porter Supervisor	Custodial Supervisor II	1				
	Custodial Supervisor I		1	1	1	
Library	Librarian	1				
	Office Specialist			1		
Laundry	Laundry Manager		1			
	Laundry Supervisor			1		
Chaplaincy	Chaplain		1			
Security	Major	1				
	Secretary III	1				
	Captain		1	1	1	1
	Lieutenant		1	1	1	2
	Lieutenant Fire/Safety	1				
	Office Assistant III	1				
	Living Unit CO I		5	5	5	10
	Controlled LU CO II		1	1	1	2
	Mentally-Ill Wing CO I		2	2		1
	Academic Ed. Co I	1		1		1
	Recreation CO I		1	1		1
	Clinic CO I		1	1	1	2
	DA CO I		1	1		1
	Food Service CO I		2	3		2
	Main Sally Port CO I		1	1	1	1
	Main Sally Port CO II		1	1	1	1
	Tower CO I		3	3	3	6
Armory CO II	1					
Visit CO II	2					

STAFFING SUMMARY
(Continued)

<u>Component</u>	<u>Position</u>	<u>Day Staff</u>	<u>Shift Staff</u>			<u>Relief</u>
			<u>1</u>	<u>2</u>	<u>3</u>	
Security (continued)	Activity CO I		2	2		
	Avocation CO I		4	2		1
	RD CO II	1				
	Control Center CO II		1	1	1	2
	Transportation CO II	2				
	Rover CO II		1	1		
	Disc./Griev. AO III	1				
	Shakedown CO II	3				
Food Service	Food Ser. Supervisor II	1				
	Food Ser. Supervisor I		2	1		2
	Office Assistant II	1				
Academic Education	Academic Ed. Director	1				
	Counselor	1				
	Secretary	1				
	Clerk	1				
	Teacher BEP	2				
	Teacher REP	2				
	Teacher GED	1				
	Teacher Sub					1
Drug/Alcohol	D/A Director	1				
	D/A Secretary	1				
	Counselor	5				
	Counselor Sub					1
Mental Health Program	Psychologist	4				
	Clerk	4				
	Psychiatrist or Ph.D. Psychologist	1				
	Secretary	1				

COST ESTIMATE

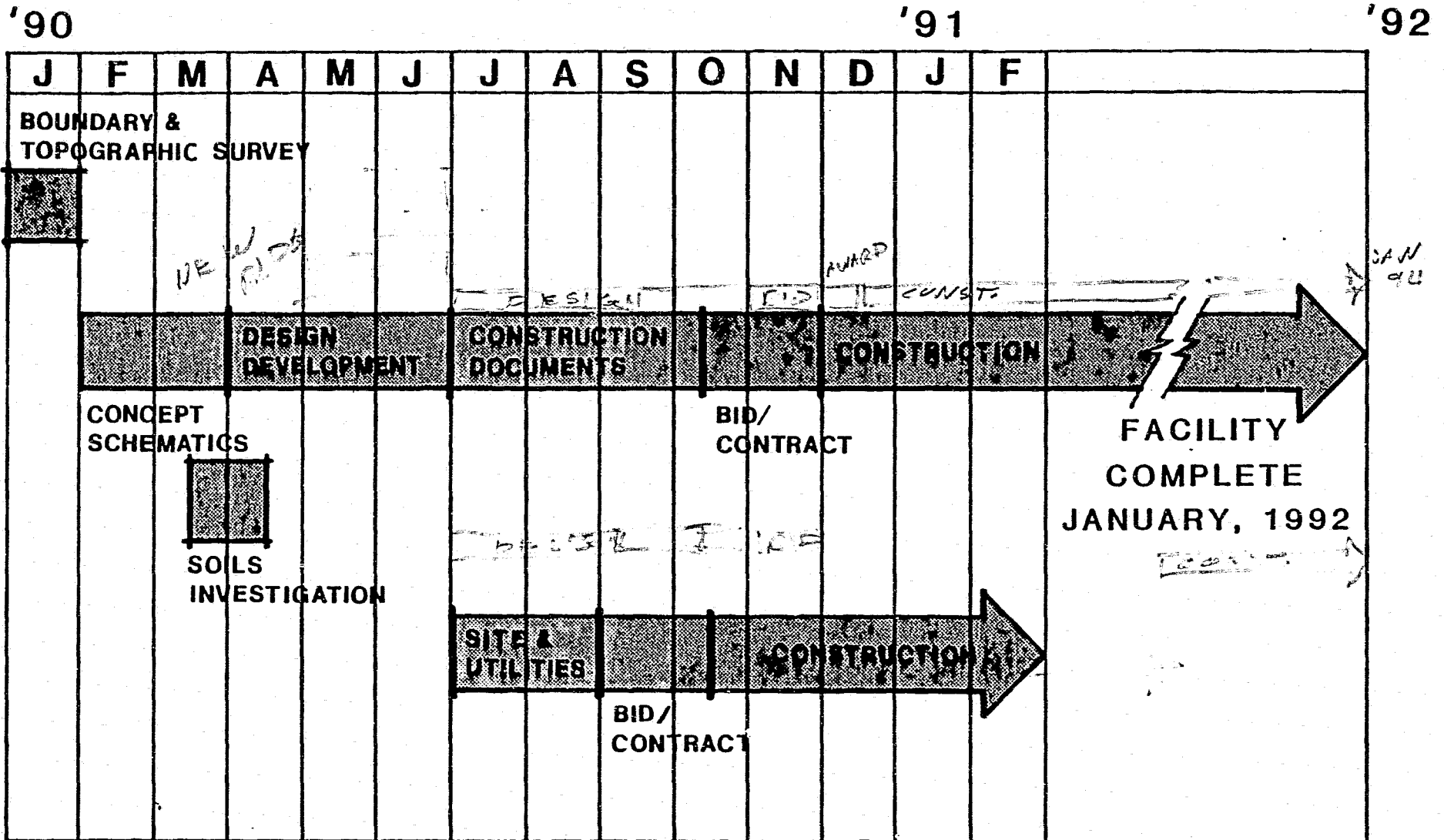
COST ESTIMATE

CONSTRUCTION COSTS

I. Building Improvements:	
Mental Health Housing	\$ 7,607,600
Mental Health Program/Support	<u>3,499,197</u>
Subtotal	\$11,106,797
Less Movable Equipment Budget per the program:	
\$11,106,797 x 7% = \$777,476, minus the	
kitchen equipment at \$180,000 and the	
laundry equipment at \$48,000 yields a	
Movable Equipment Budget of:	- \$ 549,476
Subtotal	\$11,106,797
Less Movable Equipment	<u>- 549,476</u>
BUILDING IMPROVEMENT BUDGET	<u>\$10,557,321</u>
II. Site Improvements/Perimeter Security	\$ 700,000
III. Fixed Equipment (Food service, laundry, medical	
communications/electronic, security, inmate,	
furniture, etc.)	<u>\$ 882,800</u>
Subtotal	\$12,140,121
IV. Escalation for 1991 at 3%	\$ 364,204
TOTAL CONSTRUCTION BUDGET	<u>\$12,504,325</u>
Architects Maximum Fee	
Based on Total Construction Budget	\$ 662,716
Construction Contingency at 5%	\$ 625,215
Construction Management/Administration Serv. at 1%	\$ 125,043
Movable Equipment Budget	
Based on Program Documents	\$ 549,476
Miscellaneous Costs at 1%	<u>\$ 125,043</u>
(Survey, Soils, Travel, Printing, etc.)	
TOTAL PROJECT BUDGET W/FEES	\$14,591,819
Less Fees	<u>- \$ 662,716</u>
TOTAL PROJECT BUDGET WITHOUT FEES . . .	<u>\$13,929,103</u>

PROJECT SCHEDULE

MENTAL HEALTH FACILITY

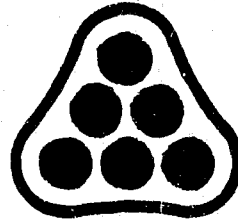


PROJECT COMPLETION SCHEDULE

APPENDIX A
UTILITIES STUDY

DIRECTORS

C. O. KNOP, P.E.
W. H. KELTNER, P.E.
R. D. PLETCHER, P.E.
D. E. MALTBIE, P.E.
M. D. SCHOMAKER, P.E.
G. D. SCHOCK, P.E.
J. H. BAILEY, P.E., PH.D.
O. L. NORTON, P.E.
B. E. REMSBERG, P.E.



PROFESSIONAL
ENGINEERING
CONSULTANTS
PROFESSIONAL ASSOCIATION

January 12, 1990

GOSSEN LIVINGSTON ASSOCIATES
420 S. Emporia
Wichita, Kansas 67202

Re: Department of Corrections
Larned State Hospital
Utility Study

Dear Sirs:

At your request, this report has been prepared to assist in your evaluation of the Larned State Hospital support utilities pursuant to the construction of additional facilities. Information presented in this letter report has been gathered from several sources including personnel in Larned, City of Larned, State Architect, Department of Corrections, Kansas Department of Health and Environment, and existing plans and specifications. Several unknowns exist as of this writing, including the exact configuration of the proposed facilities, as well as the final location within the proposed site. As a consequence, the information provided is approximate, dependent upon finalization of the above referenced items.

An evaluation of existing flows for water and wastewater was conducted of the present facilities as well as utility demands of similar facilities to develop the following estimated contributions and demands:

303 S. TOPEKA
WICHITA, KANSAS 67202
(316) 262-2691
FAX (316) 262-3003

PAGE TWO
 Gossen Livingston Associates (continued)

<u>UTILITY</u>	<u>CAPACITY</u>	<u>DESIGN FLOWS</u>	
<u>Existing Facility (545 Beds)</u>			
Wastewater			
Average Flow	110,000 gpd	76.3 gpm	
Peak Flow		229 gpm	
Water			
Average Flow	126,000 gpd	88 gpm	
Peak Flow		265 gpm	
<u>Proposed Facility (300 Beds)</u>			
Water			
Average Flow			
@ 250 gal/day/bed	75,000 gpd	52 gpm	
Peak Flow		156 gpm	
<u>Wastewater</u>			
		<u>(150 BED)</u>	<u>(300 BED)</u>
Average Flow	37,500 gpd	26 gpm	52 gpm
Peak Flow		78 gpm	156 gpm

DESIGN FLOWS

WASTEWATER--(150 bed 300 bed)--280-385 gpm
 WATER-----420 gpm
 GAS---(New Facility Only)----- 12,000 MBH

The existing pump station is a Smith and Loveless underground, 7 ft. diameter, prefabricated pump station. The existing pumping capacity is 145 gpm and 250 gpm dependent upon the speed of motor rotation. The existing motors are 15 HP two speed motors. The discharge of the pump station is through approximately 19,500 Ft. of 6" PVC pipe discharging to the City of Larned.

PAGE THREE

Gossen Livingston Associates (continued)

The capacity of the pump station will not be adequate to service the existing facilities as well as the proposed facility. The pump station can not be increased in capacity above 300 gpm without exceeding the head capacity of wastewater pumps. The capacity of the pump station can be increased up to 300 gpm without alteration of the type of pump. This will not meet the design needs of the larger facility. The pumps will require replacement as well as the motors. The horsepower will increase from 15 HP to 40 HP. During the replacement process all valves and control devices should also be replaced. The motor controls will require replacement to accommodate the larger motors as well as replacement of the time of running meters. The existing generator will not service the larger motors and will require replacement or connection to the main generator of the hospital. The force main will function without alteration as the imposed pipeline velocities will not exceed 4.5 ft. per second and will be well within the working pressure capabilities. The pump station should be refurbished during the construction process to prolong the service life including reconfiguration of the flow measurement devices.

The existing pump station can meet the needs of the 300 bed hospital plus the existing load during average conditions. However the projected peak of 380 gpm cannot be met. In an effort to examine other means of meeting the need, two other alternatives were considered. The first alternative examined was the replacement of the force main making use of the existing pumps and controls. The size of the force main should be 8" as compared to the existing 6" force main. The existing generator should be adequate.

The last alternative examined included the construction of a holding basin (28'x28'x6') that will capture all flows in excess of the peak pumping capacity for a 6 hour period. If the flows of the facility continue above the peak rate for a period greater than 6 hours, a supplemental wet pit pump would be installed which would pump to the existing 7-acre lagoon via the existing transfer line. The existing lagoon would be converted to a non-discharging lagoon via plugging of the discharge. The bottom would also be sealed with bentonite clay to minimize seepage.

Other alternatives were not reasonable from a cost viewpoint such as the construction of a non-discharging lagoon or other treatment systems.

The sanitary sewer collection system needs can be met through the construction of a 12" collection line. The new line should be connected to the pump station directly to take advantage of the available grades in order to prevent the need for an additional pump station. Review of the plans reveals that approximately 13 ft. of fall is available and about 8.5 ft. of fall is required to allow the line to be laid at minimum grades. Construction costs have been provided to allow construction of the line to the center of the area where the new facilities are to be constructed. As the project becomes better defined actual needs will be adjusted accordingly.

The existing water supply including overhead storage, appears to be adequate for domestic, as well as fire fighting demands. This conclusion is based on the assumption that the physical arrangement of the facilities allows isolation of the buildings between the new and existing buildings.

The U.S. Environmental Protection Agency has adopted very restrictive standards for public water supplies which may impose future demands relative to water quality. Consideration should be given to connection to the City of Larned water supply system for backup and perhaps future supply purposes. Related costs for the interconnection have not been included in the estimates for construction.

The Kansas Power and Light have a high pressure gas main located in the right-of-way of Eighth Street Road. For purposes of this report it has been assumed that a pressure reduction valve and supply line will be constructed to service the facility. Quantity of gas supply is adequate and demands will be able to be serviced.

OPINION OF CONSTRUCTION COSTS

1. Sanitary Sewer - 10" - 3,200 lin ft.	\$32,000
2. Manholes -10-\$1,400 ea.	\$14,000
3. Remove and Replace Comminutor	\$14,000
4. Water Line 8" -1300 lin. ft. @ \$10.00 ft.	\$13,000
5. Fire Hydrants @ \$2,200 ea. (5)	\$11,000
6. Valves @ \$500 ea. (9)	\$4,500
7. Gas Line - 3" - @\$5.00 ft. - 1000 ft.	\$5,000
8. Pressure Reduction Valve Installation	\$500
SUBTOTAL -----	\$94,000

PAGE FIVE

Gossen Livingston Associates (continued)

9. Sewage Lift Station Pump Modifications

Alternative one:

Pump Station Modification -	\$5,000
Headworks Modification -	\$10,000
120 yds. concrete -	\$60,000
200 GPM pump installed -	\$20,000
Lift station upgrade -	\$12,000
Upgrade lagoon -	\$80,000
SUBTOTAL-----	\$187,000

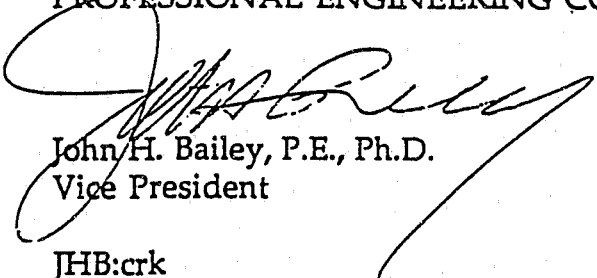
Alternative two:

19,500 Lin ft. of force main - 8" PVC-	\$175,000
4,000 LF Pavement remove and replace -	\$68,000
River crossings(2) -	\$50,000
Pump Station Mod. -	15,000
Headworks Mod.-	\$15,000
SUBTOTAL-----	\$347,000

The recommendation which appears to offer the best solution for the money expended, is the construction of the holding basin without pump modification or generator modification. The total construction cost of this alternative is \$187,000 plus \$94,000 equaling \$281,000. These costs do not include engineering, legal, fiscal or inspection services.

Sincerely yours,

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.



John H. Bailey, P.E., Ph.D.
Vice President

JHB:crk