

**PROGRAMMING & CONCEPTUAL
DESIGN DOCUMENT** for the
Northern California Core Treatment Facility

Northern California Youth Correctional Center
STOCKTON, CALIFORNIA

California Department of Corrections and Rehabilitation
STATE OF CALIFORNIA

KMDJUSTICE & **CHINN
PLANNING** | **APRIL 1, 2009**



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The following Northern California Core Treatment Facility Programming & Conceptual Design Document was developed under the auspices of California Department of Corrections and Rehabilitation (CDCR) and the CDCR's Division of Juvenile Justice (DJJ) and is substantially the product of the valuable input of numerous CDCR and DJJ staff and personnel. Each of them participated willingly and gave without reservation their time and effort. The broad enthusiasm for this project is a direct reflection of the leadership within CDCR and DJJ. The Consultant Team expresses its appreciation for their support and contribution and is pleased to acknowledge the following:

California Department of Corrections and Rehabilitation
California Department of Corrections and Rehabilitation Division of Juvenile Justice
Kitchell CEM, Project Management

CONSULTANT TEAM

KMD Justice
Chinn Planning, Inc.
Sierra West Group
Alfa Tech Cambridge Group

ACKNOWLEDGMENTS

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EXECUTIVE SUMMARY



INTRODUCTION

In January 2009, KMD Justice and Chinn Planning, Inc. were retained by the California Department of Corrections and Rehabilitative Services, Division of Juvenile Justice, to provide architectural and engineering services to develop and refine an architectural program and conceptual design for a Northern California Core Treatment Facility (NCCTF). The NCCTF is envisioned as a 276-bed facility encompassing 186,977 gross square feet of building area. Preliminary staffing requirements allocate 275.7 staff for the new facility resulting in a 1 to 1 staffing ratio for the new facility.

The intent of the *Northern California Core Treatment Facility (NCCTF) Programming & Conceptual Design Document* is to provide the California Department of Corrections and Rehabilitation with a long-range vision, architectural concepts and an implementation program for facility improvements for treatment and incarceration of youth offenders committed to the custody of the State of California. The NCCTF shall be programmed and designed to promote youth reform and rehabilitation in a residential-style environment, through use of a campus setting, natural light in buildings, attractive building materials, acoustical treatment, and normative and therapeutic overall appearance to the youth and staff as well as the visiting public. Over the course of the programming and design process weekly workshops were completed to develop and refine facility requirements and concepts.

PROJECT BACKGROUND

In a major reorganization of California state correctional departments in 2005, the department formerly known as the California Youth Authority (CYA) became the Division of Juvenile Justice (DJJ), under the California Department of Corrections and Rehabilitation (CDCR). In addition, to carrying out its mandated mission to protect the public from criminal activity, DJJ is committed to implementing a rehabilitative model for youth, with an emphasis on education, training, and treatment services.

During 2005 and 2006, DJJ developed a new classification system and evaluated its population's program and treatment needs. Consistent with this evaluation and new classification system, youth are undergoing a risk/needs assessment and being placed into one of three risk categories – high, medium, and low. Additionally, more efficient mental health assessments and assessment of sex offenders have been developed.

At the same time that population assessment tools have been developed and new programs proposed, a buildings conditions evaluation was made of all existing DJJ facilities. A subsequent effort is underway to develop a system-wide plan for appropriate long-term facilities. The

resulting individual facilities will be planned and designed to meet the specific risk and program needs of the populations they will house. This core treatment facility will be the first newly constructed facility under the jurisdiction of the DJJ in CDCR.

The NCCTF will be located in Stockton at the Northern California Youth Correctional Center (NCYCC). Four separate youth correctional facilities have been built at NCYCC over the years. Two of these facilities are currently operating. These two operating facilities are: the O.H. Close Youth Correctional Facility and the N.A. Chaderjian Youth Correctional Facility. The DeWitt Nelson Youth Correctional Facility was closed in the summer of 2008. The fourth facility, the Karl Holton School for Boys, has been closed since Fall 2003.

NCCTF will be constructed on the DeWitt Nelson site at NCYCC. Since many core services are currently available at the NCYCC, including administration/site security, central kitchen, medical services, plant operations/utilities, warehouse, vehicle maintenance, laundry, locksmith, fire suppression, and training, the NCCTF will not require construction for all of these components in the new facility. If the NCCTF is not located at NCYCC, the facility will have to be expanded to include the components listed above.

FACILITY MISSION

The mission of NCCTF will be to provide a safe and secure facility for the housing and programming of older youth, aged 18 to 25, who have been identified as appropriate for a core treatment facility regimen. The new 276-bed facility will provide rehabilitative treatment designed to reduce recidivism, to provide opportunities to address the personal, social, physical, educational and vocational needs of these youth, and to prepare them for successful re-entry to their communities.

FACILITIES AND OPERATIONS OVERVIEW

YOUTH RISK LEVELS AND HOUSING

NCCTF will provide a core treatment program for youth ranging in age from 18 to 25 years. All youth at the NCCTF will participate in core treatment model programs, including education, vocation, and recreation. Youth will be assessed as high, medium, and low risk classification based on objective determination. The new facility will provide housing and treatment programs for 276 youth in the following categories:

- BTP (Behavior Treatment Program) 24 Youth
- High Risk (For Institution Violence) 36 Youth
- Core Treatment (Low, Medium & High Risk) 216 Youth

BTP (BEHAVIOR TREATMENT PROGRAM)

The BTP will provide separate housing and programming for youth who exhibit violently disruptive behavior. They will live in 24-bed living units with single occupant sleeping rooms. These youth will have the most restricted movement of any youth at NCCTF.

HIGH RISK (FOR INSTITUTION VIOLENCE) YOUTH

Of these classifications, the high-risk youth will live in the most secure setting second only to the BTP Unit described above. These youth will live in 36-bed living units with single occupant sleeping rooms and have limited and controlled interaction with other youth at the facility. These individuals will attend school at a satellite education program collocated with Behavioral Treatment Unit, or in some cases if behavior allows, they will attend the Academic School. Contact with medium and low risk youth will be minimized.

CORE TREATMENT YOUTH

Low, medium, and high risk (to reoffend) youth will be housed in the same type of living units, but may have somewhat different programs. Their living units will include 36-beds in either single or double occupant sleeping rooms. These youth will move frequently to centralized programs and services and will require less separation from other youth than do high-risk youth.

OPERATIONAL CATEGORIES

The following are proposed NCCTF operations by functional categories:

INSIDE THE SECURITY PERIMETER

The majority of the functional components for the NCCTF campus will be located inside the security perimeter, including the youth living units, youth programs and services, facility administration, and most support services.

Living Units

NCCTF will include different living unit configurations to accommodate the range of youth risk levels and program needs. The options include single or double sleeping rooms. Consistent with the DJJ reform and rehabilitation model of small treatment-oriented living units, all of the living units will be sized for 24 to 36 beds.

Youth Programs and Services

The youth programs and services located inside the security perimeter will include the following: education, vocation, and work programs; recreation; dining; clinical health services, including medical, dental, and satellite pharmacy; visiting center; cultural and religious programs; and canteen. Centralized programs and services will be used regularly by

youth of the core treatment population and to a more limited extent by youth assessed as high risk for institution violence. Very few, if any, of the centralized services will be used by BTP youth.

Administration and Support Services

The majority of administration components will be located inside the secure perimeter including central administration, program administration, and security administration. Support services located inside the security perimeter will include the control center, and receiving and release.

Security Perimeter

NCCTF will have three separate sallyports for secure passage through the security perimeter. These include:

- Staff Processing – for staff and authorized personnel/official visitors;
- Visitor Processing – for family and friends of the youth and volunteers;
- Vehicle Sallyport – for NCYCC vehicles, emergency vehicles and other vehicles approved to provide for necessary support and delivery services.

OUTSIDE THE SECURITY PERIMETER

Components that will be located outside the security perimeter of the NCCTF include the Facility Entrance, Staff Processing, Visitor Processing, Vehicle Sallyport with Officer Station, and PBX/Computer Network.

FUNCTIONAL COMPONENTS AND SERVICES PROVIDED BY NCYCC

The NCCTF will rely on NCYCC for several centralized administrative functions and support services that already exist at the overall complex to provide services for all the facilities. These include:

- Administration & Site Security
- Central Kitchen
- Medical Services
- Plant Operations/Utilities
- Warehouse
- Vehicle Maintenance
- Laundry
- Locksmith
- Fire Suppression
- Training

Several of these centralized functions such as medical services are programmed to provide satellite services to the NCCTF. These satellite functions and services include:

- Administration and Site Security
- Food Service
- Canteen
- Medical Services

BUILDINGS AND PROJECT AREA REQUIREMENTS

A total of nine “stand-alone” buildings will enclose 186,977 gross square feet for all proposed housing, program and services, and support facility components at NCCTF:

- BTP/High Risk Living Units
- Core Treatment Living Units
- Visiting Center, Security Administration/Control Center, Hearing Center, & Staff Support
- Administration & Health/Dental Satellite Services
- Physical Education/Recreation, Academic/Vocational School, & Food Services Satellite
- Religious Programs
- Receiving-Release Services
- Satellite Medications Dispensary
- Vehicular Sallyport Officers Station

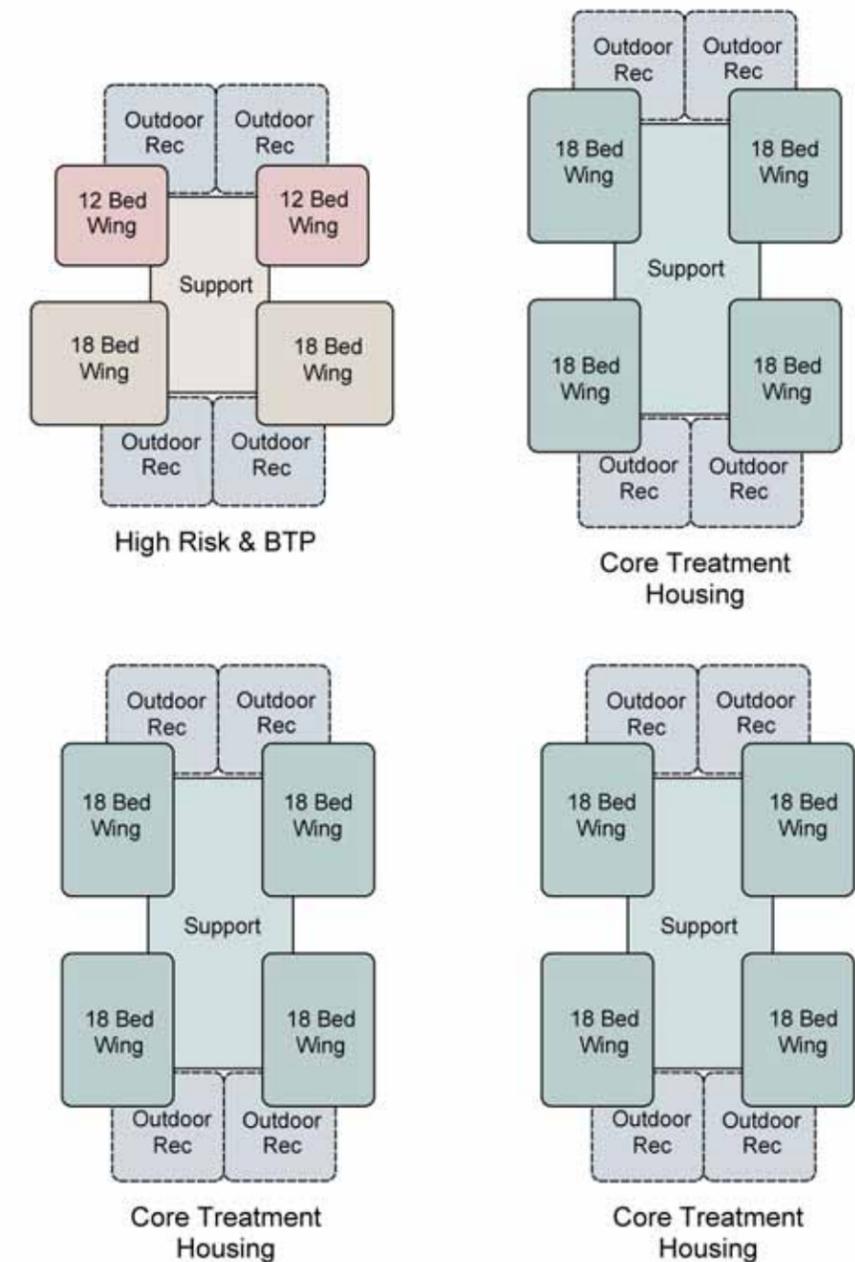
SUMMARY OF PROGRAM

Table 1 shows the revised housing configuration summary, with most of the 276-bed capacity comprised of single and double occupancy housing in the Core Treatment Units. Figure 1 shows the configuration of these housing units.

Table 1 HOUSING ALLOCATION	
	TOTAL CAPACITY
BTP/High Risk (For Institution Violence) - One Building	60
• BTP - (1) 24-Bed Single Occupancy Living Unit	
• High Risk (For Institution Violence) - (1) 36-Bed Single Occupancy Living Unit	
Core Treatment - Three Buildings	216
• (2) 36-Bed Single and Double Occupancy Living Units Per Housing Unit x 3 Housing Buildings	
TOTAL	276

Table 2 (see next page) presents the revised summary space program for the Core Treatment Facility. The total square footage for the facility is programmed for 186,977 gross square feet.

**Figure 1
Housing Unit Configuration**



*Note: Each core treatment building consists of (2) 36-bed Living Units.

STAFFING PLAN

The table below shows a summary of the staffing plan. The total staff proposed for the Core Treatment Facility is 275.7 staff. This results in a 1 to 1 staffing ratio for the 276-bed facility.

SUMMARY OF PRELIMINARY STAFFING PLAN NORTHERN CALIFORNIA CORE TREATMENT FACILITY PROGRAM					
	1st Watch 10pm-6am	2nd Watch 6am-2pm	3rd Watch 2pm-10pm	Posted Relief	Total
BTP/High Risk Housing	2.00	15.00	14.00	11.16	42.16
Core Treatment Housing	6.00	21.00	42.00	28.68	97.68
Programs and Services	0.00	55.5	3.00	5.06	63.56
Administration and Security	5.00	41.00	8.00	12.74	66.74
Facility Support	0.00	2.00	0.00	0.00	2.00
Facility Support & Processing	0.00	1.00	1.00	1.60	3.60
Total - Staffing Plan	13.00	135.50	68.00	59.24	275.74

COST ANALYSIS

The total estimated project cost for the proposed NCCTF facility improvements is \$216,361,000. The project cost is based on funding approval July 2010 and a projected project construction start date of October 2012.

Table 2 Program Summary		3/27/09
Functional Component Area Requirements		KMD/CHINN Planning
		Total Area (GSF)
INSIDE THE SECURITY PERIMETER		
LIVING UNITS AND PROGRAMS		
BTP (24 Beds) and High Risk (36 Beds) Living Unit		27,023
Core Treatment Living Units (6) Units 36 Beds		71,164
Subtotal - Living Units and Programs		98,187
PROGRAMS AND SERVICES		
Academic/Vocational School		26,641
Physical Education/Recreation		15,464
Food Services Satellite		5,860
Health/Dental Services Satellite		4,210
Visiting Center		5,362
Religious Programs		4,313
Canteen		2,736
Subtotal - Programs & Services		64,586
ADMINISTRATION AND SECURITY OPERATIONS		
Administration		12,661
Security Administration & Control Center		4,733
Receiving		1,943
Subtotal - Admin & Security Operations		19,337
Subtotal - Inside Building Area (GSF)		182,108
OUTSIDE THE SECURITY PERIMETER		
FACILITY ENTRY AND PROCESSING		
Facility Entrance		516
Staff Processing		2,014
Visitor Processing (see Visiting Center)		1,148
Vehicle Sallyport & Officer Station		185
Subtotal - Facility Entry and Processing		3,863
FACILITY SUPPORT		
PBX/Computer Network		1,006
Subtotal - Facility Support		1,006
TOTAL FACILITY BUILDING AREA (GSF)		186,977

PROGRAM



PROGRAM NARRATIVE

INTRODUCTION

In a major reorganization of California state correctional departments in 2005, the department formerly known as the California Youth Authority (CYA) became the Division of Juvenile Justice (DJJ), under the California Department of Corrections and Rehabilitation (CDCR). In addition to carrying out its mandated mission to protect the public from criminal activity, DJJ is committed to implementing a rehabilitative model for youth, with an emphasis on education, vocation, training and treatment services.

During 2005 and 2006, DJJ developed a new classification system and evaluated its population's program and treatment needs. Consistent with this evaluation and new classification system, youth are undergoing a risk/needs assessment and being placed into one of three risk categories – high, medium and low. Additionally, more efficient mental health assessments and assessment for sex offenders have been developed. All of these efforts are improving DJJ's ability to make appropriate placement decisions.

At the same time that population assessment tools have been developed and new programs proposed, a buildings conditions evaluation was made of all existing DJJ facilities. A subsequent effort was undertaken to develop a system wide plan for appropriate long-term facilities. The resulting individual facilities will be planned and designed to meet the specific risk and program needs of the populations they will house. This core treatment facility will be the first newly constructed facility under the jurisdiction of the DJJ in CDCR.

The NCCTF will be located in Stockton at the Northern California Youth Correctional Center (NCYCC). Four separate youth correctional facilities have been built at NCYCC over the years. Two of these facilities are currently operating. These two operating facilities are: the O.H. Close Youth Correctional Facility and the N.A. Chaderjian Youth Correctional Facility. The DeWitt Nelson Youth Correctional Facility was closed in the summer of 2008. The fourth facility, the Karl Holton School for Boys, has been closed since Fall 2003.

NCCTF will be constructed on the DeWitt Nelson site at NCYCC. Since many core services are currently available at the NCYCC, including administration/site security, central kitchen, medical services, plant operations/utilities, warehouse, vehicle maintenance, laundry, locksmith, fire suppression, and training, the NCCTF will not require construction for all of these components in the new facility. If the NCCTF is not located at

NCYCC, the facility will have to be expanded to include the components listed above.

MISSION OF THE NCCTF

The mission of the NCCTF will be to provide a safe and secure facility for the housing and programming of 276 older youth identified as appropriate for a core treatment facility. It will provide rehabilitative treatment designed to reduce recidivism; provide opportunities to address personal, social, physical, educational and vocational needs of these youth; and prepare youth for a successful re-entry to their communities.

In carrying out its mission, the NCCTF will provide a new facility that will allow the DJJ to meet all legislative and Departmental mandates regarding safety; security of the public, staff and youth; staffing ratios; and the provision of court-ordered services to the youth population.

YOUTH RISK LEVELS

The NCCTF will provide a core treatment program to 276 older youth, age 18 to 25. The facility will provide housing and treatment programs for youth of all risk levels:

- BTP (Behavior Treatment Program) 24 Youth
- High Risk (For Institution Violence) 36 Youth
- Core Treatment (Low, Medium & High Risk) 216 Youth

All youth at the NCCTF will participate in the core treatment model programs including education, vocation, and recreation. However, there may be elements of their time spent at the NCCTF that will be influenced by the specific risk level assessment. Youth will be assessed as either a high risk, medium risk or low risk youth based objective classification. There are two categories of high risk: High Risk to Reoffend and High Risk for Institution Violence. High risk to reoffend will be included in the Core Treatment Program.

Some of the elements influenced by risk level are noted below:

- Living unit designs for different risk levels will vary by size, sleeping room configuration and security features.
- Level of supervision and requirements for more or less controlled movement will be affected by risk level assignment.
- The ability of youth to mix with youth from other living units or risk levels will vary depending on risk level.

BTP (BEHAVIORAL TREATMENT PROGRAM)

The Behavioral Treatment Program (BTP) will provide separate housing and programming for youth who exhibit violently disruptive behavior.

They will live in single rooms in 24-bed living units. These youth will have the most restricted movement of any youth at NCCTF. They will not interact with any other youth at the facility. It is anticipated that this will be a short-term assignment/classification and that most youth will return to their regular living units upon completion of the program.

HIGH RISK (FOR INSTITUTION VIOLENCE) YOUTH

Of these classifications, the high risk youth will live in the most secure setting. They will live in single rooms in 36-bed living units and have limited and controlled interaction with other youth at the facility. They will attend school at a satellite education program collocated with the Behavioral Treatment Unit, or in some cases if behavior allows, they will attend the Academic School. They will cross paths with medium or low risk youth as little as possible.

CORE TREATMENT (LOW, MEDIUM AND HIGH RISK) YOUTH

Low, medium and high risk (to reoffend) youth will be housed in the same type of living units but may have somewhat different programs. Their living units will include 36-beds in either single or double rooms. These youth will move frequently to centralized programs and services and require less separation from other youth than do the high risk youth.

It is anticipated that youth who come to NCCTF at one of the higher risk levels will "step down" during their stay at NCCTF, both earning more privileges and requiring a less restrictive environment.

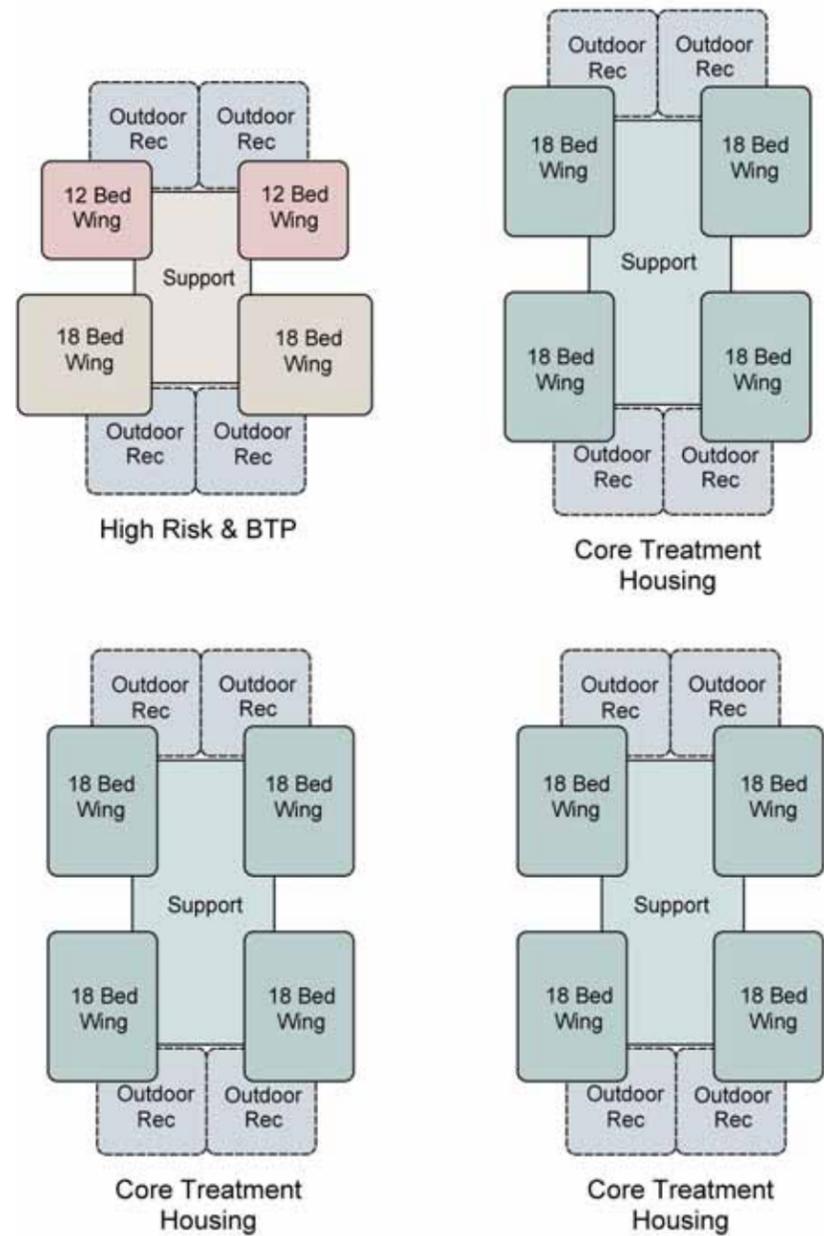
HOUSING UNIT CONFIGURATION

Table 1 and Figure 1 show the configuration of living units at NCCTF.

Table 1 HOUSING ALLOCATION	
	TOTAL CAPACITY
BTP/High Risk (For Institution Violence) - One Building	60
<ul style="list-style-type: none"> • BTP - (1) 24-Bed Single Occupancy Living Unit • High Risk (For Institution Violence) - (1) 36-Bed Single Occupancy Living Unit 	
Core Treatment - Three Buildings	216
<ul style="list-style-type: none"> • (2) 36-Bed Single and Double Occupancy Living Units Per Housing Unit x 3 Housing Buildings 	
TOTAL	276

Housing Unit Configuration

**Figure 1
Housing Unit Configuration**



*Note: Each core treatment building consists of (2) 36-bed Living Units.

OPERATIONAL SUMMARY

INSIDE THE SECURITY PERIMETER

The majority of the functional components for the facility will be located inside the security perimeter, including most of the youth living units, youth programs and services, facility administration, and most support services. With the exception of the BTP and perhaps the High Risk areas, few areas will be separated from others by internal fencing. Typically, youth will be escorted by their living unit counselors when they move to other components inside the secure perimeter. Their access to selected staff-only areas will be restricted by one of several means: policy and operations; secure doors; separate circulation paths, etc.

LIVING UNITS

- NCCTF will include different living unit configurations to accommodate the range of risk levels and program needs among the youth housed there. The options include single rooms and double rooms. Consistent with the DJJ reform and rehabilitation model of small, treatment-oriented living units, all of the living units will range in size from 24 to 36 beds. All living units also will include space for both group and individual treatment activities in addition to the typical sleeping and dayroom areas. Additionally, the BTP and High Risk youth will have most all of their programs and services delivered at the housing units rather than moving to the centralized programs and services areas used by the medium and low risk youth.

YOUTH PROGRAMS AND SERVICES

- The youth programs and services located inside the security perimeter will include the following: education and vocational programs; recreation; dining; satellite clinical health, mental health, dental and pharmacy services; the visiting center; religious programs; canteen; and barbershop. Centralized programs and services will be used regularly by youth of medium and low risk, and to a more limited extent by high-risk youth. Very few of the centralized services will be accessed by BTP youth.

ADMINISTRATION AND SUPPORT SERVICES

- All administration components will be located inside the secure perimeter, including central administration, program administration, and security administration. Support services located inside the security perimeter will include receiving and release, and the control center.

SECURITY PERIMETER

- NCCTF will have three separate sallyports for secure passage through the security perimeter. These include:

- staff processing, for staff and authorized personnel/official visitors;
- visitor processing, for family and friends of the youth, and volunteers; and
- vehicle sallyport, for NCYCC vehicles, emergency vehicles and limited outside vehicles.

Access through these entry points will be controlled either by custody staff at the sallyport locations and/or the Control Center, depending on the time of day and activity level.

OUTSIDE THE SECURITY PERIMETER

Some components will be located outside the security perimeter of the NCCTF. These include: visitor processing; staff processing; the vehicle sallyport and officer station; PBX/network building; and the central entrance area of the facility.

FUNCTIONAL COMPONENTS/SERVICES PROVIDED BY NCYCC

The NCCTF will rely on NCYCC for several centralized administrative functions and support services already existing at the complex and serving all of the facilities at the site. These include: accounting; business services; trust account office; central kitchen; health service clinical and outpatient services and a central pharmacy; plant operations; vehicle maintenance; laundry services; warehouse; locksmith; and fire suppression. These are detailed below:

ADMINISTRATION AND SITE SECURITY

The NCCTF will have its own Superintendent and several executive staff and administrative functions. However, Accounting, Business Services, Youth Trust Office and Personnel Administration will be provided by NCYCC.

NCYCC also will support security operations for the NCCTF by handling gate clearances at the entrance to the complex and providing roving security officers who will patrol outside the NCCTF security perimeter.

CENTRAL KITCHEN

The Central Kitchen at NCYCC will prepare the food for the NCCTF using the cook-chill method. Food will be delivered to the NCCTF on trays from the Central Kitchen to both the Retherm Kitchen at NCCTF for centralized dining, and to the BTP and High Risk living units for youth that will not be permitted to go to the Central Dining Room at the NCCTF.

MEDICAL SERVICES

While the Satellite Health Services Clinic at NCCTF will screen most of the medical needs of youth living there, any clinical or overnight infirmary care and some specialized clinical services will be provided at the NCYCC Outpatient Housing Unit (OHU).

PLANT OPERATIONS

Maintenance for the NCCTF will be managed and staffed out of the NCYCC Plant Operations Office.

WAREHOUSE

Warehouse operations will be managed by the Procurement Officer. The warehouse at NCYCC will accommodate the storage needs of NCCTF as it does for the other facilities at the complex. However, a bulk storage room will be required at NCCTF to hold a limited supply of materials, including office supplies, clothing, household goods, and supplies required for emergency situations (bad weather, lock-downs, etc.). Deliveries will be made from the NCYCC Warehouse to the NCCTF, then delivered to living units or other locations as requested at the facility.

VEHICLE MAINTENANCE

The Auto Shop at NCYCC will provide maintenance for the NCCTF vehicles as it does for vehicles at all the facilities at the complex.

LAUNDRY

Most personal clothing for NCCTF youth will be cared for by the youth themselves at their living units. However, linens will be cleaned by the Prison Industry Authority (PIA) regional laundry located at Mule Creek State Prison. NCCTF laundry will be collected from, and delivered to, the laundry building at NCYCC for pick up by PIA trucks. Laundry will be moved between the NCCYC laundry building and the living units at NCCTF by institution trucks.

LOCKSMITH

The Locksmith shop located at NCYCC will repair and maintain all locks and keys for the NCCTF.

FIRE SUPPRESSION

NCCTF will rely on the Fire Captain and crew at NCYCC for fire suppression services, including mutual aid agreements with local fire departments or agencies.

SUMMARY OF AREA REQUIREMENTS

Table 2 shows the total square feet allocation for the NCCTF. A total of 186,977 gross square feet will be required for the NCCTF.

Table 2 Program Summary		3/27/09
Functional Component Area Requirements		KMD/CHINN Planning
		Total Area (GSF)
INSIDE THE SECURITY PERIMETER		
LIVING UNITS AND PROGRAMS		
BTP (24 Beds) and High Risk (36 Beds) Living Unit		27,023
Core Treatment Living Units (6) Units 36 Beds		71,164
<i>Subtotal - Living Units and Programs</i>		98,187
PROGRAMS AND SERVICES		
Academic/Vocational School		26,641
Physical Education/Recreation		15,464
Food Services Satellite		5,860
Health/Dental Services Satellite		4,210
Visiting Center		5,362
Religious Programs		4,313
Canteen		2,736
<i>Subtotal - Programs & Services</i>		64,586
ADMINISTRATION AND SECURITY OPERATIONS		
Administration		12,661
Security Administration & Control Center		4,733
Receiving		1,943
<i>Subtotal - Admin & Security Operations</i>		19,337
<i>Subtotal - Inside Building Area (GSF)</i>		182,108
OUTSIDE THE SECURITY PERIMETER		
FACILITY ENTRY AND PROCESSING		
Facility Entrance		516
Staff Processing		2,014
Visitor Processing (see Visiting Center)		1,148
Vehicle Sallyport & Officer Station		185
<i>Subtotal - Facility Entry and Processing</i>		3,863
FACILITY SUPPORT		
PBX/Computer Network		1,006
<i>Subtotal - Facility Support</i>		1,006
TOTAL FACILITY BUILDING AREA (GSF)		186,977

Program Spatial Area Requirements

BTP / HIGH RISK (FOR INSTITUTION VIOLENCE) HOUSING

Table 3 BTP AND HIGH RISK LIVING UNIT SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
BTP LIVING UNIT - 24 CAPACITY - (2) 12-BED SLEEPING AREAS				
<i>Space list is for one 12-Bed Sleeping Area. There will be 2-Sleeping Areas.</i>				
<u>Sleeping Area (12 Youth)</u>				
Single Sleeping Room (Wet)	70	11	770	Twelve Youth in single occupancy housing.. Sleeping area functions are separated (secured) from living area functions by lockable door(s). 70sf/youth ACA standard. Interactive intercom. Bed, storage, desk and chair; combi toilet and lavatory; ACA requires 35 sf of space not encumbered by furnishings or fixtures.
Single Sleeping Room (accessible, wet)	100	1	100	Bed, storage, desk and chair; combi toilet and lavatory, and disabled accessible. ACA requires 35 sf of space not encumbered by furnishings or fixtures.
Shower/Dressing Area	35	1	35	Separate individual shower/dressing rooms. Not group showers. Each shower includes a dressing area within the confines of the shower room. Provide modesty screening that provides privacy, but still allows view of youth's head and feet. Safety clothes hook in dressing area. Special ventilation. (Ratio of 1:6 CCR T-24, 1:8 per ACA)
Shower/Dressing Area (accessible)	45	1	45	Wheelchair accessible; fold-down bench, grab bars, hand-held shower head and transfer area are required.
Group Room	200	1	200	Tables and chairs.
Case Manager Office	100	1	100	Private office; desk and chair. 1 guest chair, file cabinet, book shelf, phone and computer. Youth will meet with staff in this office.
Senior Youth Correctional Counselor Office	100	1	100	Private office shared by SYCC's working on two different shifts; desk with phone, computer, and 1 guest chair. Provide 3 lockable cabinets or drawers for SYCC's to store personal items.
Subtotal - One (1) Sleeping Area			1,350	
Subtotal - Sleeping Areas x 2			2,700	(12 youth/area)
<u>Living Area/Dayroom</u>				
Dayroom/Library	420	1	420	Living area functions are separated (secured) from sleeping area functions by lockable door(s). Sized for 12 youth @ 35 sf. (CDCR Sp. Std.) Community meetings; leisure activities; lunch dining. Includes fixed tables and chairs for 8 youth for dining, games, etc. Provide lockable casework to contain TV, board games, etc. Locate TV to provide adequate viewing for youth seated in plastic "tub" chairs. Phones off dayroom. Library shelving and one study carrel.
Food Cart Staging/Pantry	100	1	100	In dayroom. Directly adjacent to unit support area w/frig and sink; staging area for hot and cold food carts (one each per meal). Meals will be trayed in central retherm kitchen with hot and cold foods on separate trays, then combined for serving. 25sf/cart. accommodates carts for next and previous meal to allow flexibility for cart deliveries.
Staff Station (Open)	40	1	40	Control counter open to dayroom. Locate with unobstructed view of living and sleeping areas.
Dirty Laundry Cart Staging	50	1	50	Open area for carts with clean linens delivered from NCYCC laundry, or dirty linens to be returned for laundering. Locate in room or alcove with overhead coiling door. Cannot be collocated with Clean Clothing/Linen Supply Storage.
Clean Clothing/Linen Supply Storage	100	1	100	Staff only. Open floor area for two carts with clean laundry. Open wire shelving (72" high) providing 50 lineal feet of storage for extra sets of clothing and bedding.

BTP / HIGH RISK (FOR INSTITUTION VIOLENCE) HOUSING

Table 3 (continued) BTP LIVING UNIT AND PROGRAMS SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Unit Supply Storage	100	1	100	Staff only. Open wire shelving (72" high) providing 50 lineal feet of storage for hygiene products (soap, paper towels, toilet paper), cleaning supplies, sports equipment and youth incentive products.
Janitor Closet	50	1	50	Utility sink, shelving for cleaning supplies. Specialized ventilation.
Subtotal - One Living/Dayroom Area			860	
Subtotal - Dayroom Areas x 2			1,720	
<u>Unit Control Station - 24 Youth</u>				
YCC/YCO Secure Control Station	80	1	80	Staff only; on boundary between living areas. Located with unobstructed view of sleeping areas and dayrooms, used by staff on all shifts. All access doors to be secure; control panels (doors, alarms, phones).
Toilet	50	1	50	Not required to be disabled accessible. Provide space to accommodate storage of paper products, soap and cleaning supplies.
Emergency Response Storage	15	1	15	Lockable closet with shelving to accommodate 911 Rescue Tool, CPR Mask, First Aid Kit, handcuffs, flex cuffs and restraint chains.
Subtotal - One (1) Unit Control Stations			145	
Subtotal - Living Areas (NSF)			4,565	
Circulation/Efficiency Factor			2,739	60% for Living areas
Total Departmental Gross SqFt (DGSF)			7,304	
HIGH RISK LIVING UNIT - 36 CAPACITY - (2) 18-BED SLEEPING AREAS				
<i>Space list is for one 18-bed sleeping areas. There will be (2) Sleeping Areas.</i>				
<u>Sleeping Area (16 Youth)</u>				
Single Sleeping Room (Wet)	70	17	1,190	Sixteen Youth in single occupancy housing. Sleeping area functions are separated (secured) from living area functions by lockable door(s). 70sf per ACA Standards. Bed, storage, desk and chair; combi toilet and lavatory; ACA requires 35sf of space not encumbered by furnishings or fixtures.
Single Sleeping Room (accessible, wet)	100	1	100	Bed, storage, desk and chair; combi toilet and lavatory. Disabled accessible. ACA requires 35sf of space not encumbered by furnishings or fixtures.
Shower/Dressing Area	35	2	70	Separate individual shower/dressing rooms. Not group showers. Each shower includes a dressing area within the confines of the shower room. Provide modesty screening that provides privacy, but still allows view of youth's head and feet. Safety clothes hook in dressing area. Special ventilation. (Ratio of 1:6 CCR T-24, 1:8 per ACA).
Shower/Dressing Area (accessible)	45	1	45	Separate individual shower/dressing rooms. Not group showers. Each shower includes a dressing area within the confines of the shower room. Provide modesty screening that provides privacy, but still allows view of youth's head and feet. Safety clothes hook in dressing area. Special ventilation. (Ratio of 1:6 CCR T-24, 1:8 per ACA).
Case Manager	100	1	100	
Senior Youth Correctional Counselor	100	1	100	
Contact Interview Room	100	1	100	Tables and chairs.
Group Room	200	1	200	8 youth and 2 staff; TV.
Subtotal - One (1) Sleeping Area			1,905	
Subtotal - Sleeping Areas x 2			3,810	18 youth/area

Program Spatial Area Requirements

BTP / HIGH RISK (FOR INSTITUTION VIOLENCE) HOUSING

Table 3 (continued)				
BTP LIVING UNIT AND PROGRAMS SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
<u>Living Area/Dayroom</u>				<i>Living area functions are separated (secured) from sleeping area functions by lockable door(s).</i>
Dayroom/Library	630	1	630	Sized for 18 youth @ 35sf. (ACA Std.) Community meetings; leisure activities; lunch dining. Provide lockable casework to contain TV, board games, etc. Locate TV to provide adequate viewing for youth sitting in lounge-type furniture. Also provide movable tables and chairs to accommodate dining and games. Library shelving and phones, and one study carrel.
Food Cart Staging/Pantry	100	1	100	In dayroom. Directly adjacent to unit support area w/frig and sink; staging area for hot and cold food carts (one each per meal). Meals will be trayed in central retherm kitchen with hot and cold foods on separate trays, then combined for serving. 25sf/cart. Accommodates carts for next and previous meal to allow flexibility for cart deliveries.
Staff Station (Open)	40	1	40	Control counter open to day room. Locate with unobstructed view of living and sleeping areas.
Dirty Laundry Cart Staging	80	1	80	Open area for carts with clean linens delivered from NCYCC laundry, or dirty linens to be returned for laundering. Locate in room or alcove with overhead coiling door. Cannot be collocated with Clean Clothing/Linen Supply Storage.
Clean Clothing/Linen Supply Storage	100	1	100	Staff only. Open floor area for two carts with clean laundry. Open wire shelving (72" high) providing 50 lineal feet of storage for extra sets of clothing and bedding.
Unit Supply Storage	100	1	100	Staff only. Open wire shelving (72" high) providing 50 lineal feet of storage for hygiene products (soap, paper towels, toilet paper), cleaning supplies, sports equipment and youth incentive products.
Janitor Closet	50	1	50	Utility sink, shelving for cleaning supplies.
Subtotal - One Living/Dayroom Area			1,100	
Subtotal - Dayroom Areas x 2			2,200	
Unit Control Station - 36 Youth				
YCC/YCO Secure Control Station	80	1	80	Staff only. On boundary between sleeping area and living area. Secure enclosed room. Directly accessible to both sleeping area and YCC Open Control Counter. Located with unobstructed view of sleeping area. Used by staff at night, other shifts as needed. Also can function as emergency staff refuge. All access doors to be secure. "Master" unit for control panels (doors, alarms, phones).
Toilet	50	1	50	Not required to be disabled accessible. Provide space to accommodate storage of paper products, soap and cleaning supplies.
Emergency Response Storage	15	1	15	Lockable closet with shelving to accommodate 911 Rescue Tool, CPR Mask, First Aid Kit, handcuffs, flex cuffs and restraint chains.
Subtotal - One (1) Unit Control Stations			145	
Subtotal - Living Areas (NSF)			6,155	
Circulation/Efficiency Factor			3,693	60% for sleeping, control, and dayroom
Total-Departmental Gross SqFt (DGSF)			9,848	Total for Two (2) 18 Single Occupancy Living Units Located with BTP/High Risk Housing Building

BTP / HIGH RISK (FOR INSTITUTION VIOLENCE) HOUSING

Table 3 (continued)				
BTP LIVING UNIT AND PROGRAMS SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
SHARED SUPPORT AREAS (60 Youth)				
Treatment Program Support				
Treatment Team Supervisor	100	1	100	Shared by BTP/High Risk Living Units Private office; desk and chair, 2 guest chairs, file cabinet, book shelf, phone and computer. Youth will meet with staff in this office.
Psychologist Office	100	1	100	Desk and chair provided for each psychologist; 1 guest chair, file cabinet, book shelf, phone and computer. Youth will meet with staff in this office.
Shared Use Office	100	1	100	
Copy/Fax/Workroom	100	1	100	
Staff Toilet	50	1	50	Single occupancy; disabled accessible. Specialized ventilation.
Janitor Closet	50	1	50	Utility sink, shelving for cleaning supplies. Specialized ventilation
Subtotal -Treatment Program Support			500	
BTP/High Risk Education and Support				
Juvenile Staging	200	1	200	Entrance into school area w/security station.
Special Day Classroom/Resource Specialist	420	1	420	6 youth @ 70sf each includes academic teacher, teacher aide, and YCC, and 50sf for youth toilet; youth toilet to be located at the front of the room near teacher podium for security/supervision; high windows to allow visual supervision by roving YCC but prevent distractions for students. Furnishing to include students at desks, table, 2 chairs, and 2 computer carrels. Shared use by School Psychologist, Resource Specialist, and Speech Therapist; provide three separate lockable storage areas.
Academic Classroom	330	5	1,650	6 youth @ 55sf each academic teacher, and teacher aide, 50sf for youth toilet; youth toilet to be located at the front of the room near teacher podium for security/ supervision. High windows to allow visual supervision by roving YCC but prevent distractions for students. Furnishing to include students at desks, table and two chairs, and two computer carrels.
Subtotal - Education			2,270	
Health Services Satellite				
Examination/Treatment Room	120	1	120	Exam table with 36" clear on three sides and 12" clear at head, overhead procedures light, scale, 6 linear feet of counter with handwashing sink (foot-pedal operated), storage cabinets above and cabinet/drawers below counter, stool.
Medication Room	80	1	80	Locked medication cabinet; with pass through window; pass-through window to adjacent corridor for pill-call line. Counter along two walls with handwashing sink, storage cabinets above with movable shelving and cabinet/drawer below, undercounter refrigerator for specimens, counter-top refrigerator for medications.
Subtotal - Health Services Satellite			200	
Building Support				
General Storage	120	1	120	Staff only. Shelving, emergency supplies, living unit supplies, and misc. storage for extra mattresses.
Janitor Closet	50	1	50	Utility sink, shelving. Specialized ventilation.
Emergency Response Bulk Storage	50	1	50	Secure storage room for bulk storage of supplies required to restock Emergency Response Storage closets in the YCC/YCO Secure Control Rooms in the Living Units. Three steel shelving units providing a total of 25 lineal feet of storage (min.). Specialized ventilation.

Program Spatial Area Requirements

BTP / HIGH RISK (FOR INSTITUTION VIOLENCE) HOUSING

Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Security Electronics Room	-	-	-	Lockable room for security electronics systems only. Not combined with electrical room. Racks and wall-mounted panels for fire alarm, security voice/data systems, locking devices, door position indicator systems, UPS system and panel, etc. Counter and data port for laptop connection to systems. Air conditioned space.
Subtotal - Building Support			220	
Subtotal - Shared Support (NSF)			3,190	
Circulation/Efficiency Factor			1,276	40% for this functional area
Total Departmental Gross Sqft (DGSF)			4,466	
Total (DGSF) Functional Area			21,618	
Building Grossing Factor (25%)			5,405	
Total Building Area (GSF)			27,023	Interior Space Required for BTP/High Risk Units and Shared Support Areas)
Exterior Functional Areas				
Small Recreation Yards	2,500	1	2,500	1 per Living Unit; locate accessible via dayroom.
Exercise Equipment	100	1	100	Area for fixed exercise equipment -- pull-up bar, dip bar and sit-up bench.
Quiet Activity	200	1	200	2 fixed tables and stools. shade covering.
Drinking Fountain	0	0	0	
Trash	50	1	50	
Subtotal Exterior Functional Area (GSF) per One Living Unit			2,850	Total Area Required for (1) Recreation Yard for BTP/High Risk Living Unit.
Adjacent Large Outdoor Recreation Area			TBD	Secured area. Sq.ft. to be determined by site.
Total Exterior Functional Area (GSF)			11,400	Outdoor Space Required for Four (4) Outdoor Recreation Yards for BTP/High Risk Housing. (One Yard for Each Living Unit.)

CORE TREATMENT HOUSING

Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
CORE TREATMENT LIVING UNIT- (6) LIVING UNITS AT 36 CAPACITY Space list is for one 18-Bed Sleeping Area. There will be 12 Sleeping Areas				
Sleeping Area (18 Youth)				
Single Sleeping Room (Wet)	70	5	350	Sleeping area functions are separated (secured) from living area functions by lockable door(s). Bed, wardrobe storage cabinet, desk and chair; toilet and lavatory; 70sf per ACA standard.
Single Sleeping Room (Wet Accessible)	100	1	100	Bed, storage, desk and chair; toilet and lavatory; disabled accessible.
Double Sleeping Room (Wet)	120	6	720	Bed, storage, desk and chair for each occupant. Beds are on the floor, no bunks; ACA requires 35sf of space not encumbered by furnishings for fixtures (one accessible); toilets and lavatory.
Shower/Dressing Area	35	2	70	Separate individual shower/dressing rooms. Not group showers. Each shower includes a dressing area within the confines of the shower room. Provide modesty screening that provides privacy, but still allows view of youth's head and feet. Safety clothes
Shower/Dressing Area (accessible)	45	1	45	Wheelchair accessible; fold-down bench, grab bars, hand-held shower head and transfer area are required (see Shower/Dressing Area).
Group Room	400	1	400	8 youth and 2 staff; capability to subdivide; TV.
Subtotal - One (1) Sleeping Area			1,685	
Subtotal - Sleeping Areas x 12			20,220	18 youth/area
Living Area/Dayroom (36 youth)				
Dayroom/Library	1,260	1	1,260	Living area functions are separated (secured) from sleeping area functions by lockable door(s). Living area functions are separated (secured) from sleeping area functions by lockable door(s). Sized for 36 youth @ 35sf (ACA). Community meetings; leisure activities; lunch dining. Provide lockable casework to contain TV, board games, etc. Locate TV to provide adequate viewing for youth sitting in lounge-type furniture. Also provide stationary tables and chairs to accommodate dining and games for 36 youth. Include phones, library shelving, and one study carrel; galley counter w/frig and sink.
Staff Station (Open)	40	1	40	Control counter open to dayroom. Locate with unobstructed view of living and sleeping areas.
Youth Laundry Alcove	65	2	130	Directly off dayroom. Alcove containing 2 washers, 2 dryers, 6 lineal feet of counter for folding. Specialized ventilation. Overhead coiling door to secure alcove when not in use.
Dirty Laundry Cart Staging	100	1	100	Open area for carts with clean linens delivered from NCYCC laundry, or dirty linens to be returned for laundering. Locate in room or alcove with overhead coiling door. Cannot be collocated with Clean Clothing/Linen Supply Storage.
Clean Clothing/Linen Supply Storage	100	1	100	Staff only. Open floor area for two carts with clean laundry. Open wire shelving (72" high) providing 50 lineal feet of storage for extra sets of clothing and bedding.
Unit Supply Storage	100	2	200	Staff only. Open wire shelving (72" high) providing 50 lineal feet of storage for hygiene products (soap, paper towels, toilet paper), cleaning supplies, sports equipment and youth incentive products.
Janitor Closet	50	1	50	Utility sink, shelving for cleaning supplies. Specialized ventilation.
Subtotal for One Living/Dayroom Area			1,880	
Subtotal - Dayroom Areas x 6			11,280	
Subtotal - Living Areas (NSF)			31,500	
Circulation/Efficiency Factor			18,900	60% for sleeping, control, and dayroom
Total-Departmental Gross SqFt (DGSF)			50,400	

Program Spatial Area Requirements

CORE TREATMENT HOUSING

Table 4 (continued) CORE TREATMENT LIVING UNIT SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
SHARED SUPPORT AREAS - (36 Youth)				
				Shared by Two 18-Bed Living Units
Senior Youth Correctional Counselor	100	1	100	Office shared by SYCC's working on two different shifts; desk with phone and computer, 1 guest chair. Provide two lockable cabinets or drawers for SYCC's to store personal items.
Case Manager	100	1	100	Shared use office. Desk and chair, 1 guest chair, file cabinet, book shelf, phone and computer. Youth will meet with staff in this office.
Time-Out Room	70	1	70	
Janitor Closet	50	1	50	Utility sink and shelving. Specialized ventilation
Subtotal - Shared Support			320	
Subtotal - Areas x 6			1,920	
Treatment Program Support (72 Youth)				
Treatment Team Supervisor	100	1	100	Private office; desk and chair, 2 guest chairs, file cabinet, book shelf. Phone and computer. Youth will meet with staff in this office.
Psychologist Office	100	1	100	Desk and chair provided for each psychologist; 1 guest chair, file cabinet, book shelf. Phone and computer. Youth will meet with staff in this office.
Shared Use Office	100	1	100	Shared use office. Desk and chair, 1 guest chair, file cabinet, book shelf, phone and computer. Youth will meet with staff in this office.
Reentry Office	100	1	100	Shared use. Youth will meet with staff in this office.
Copy/Fax/Workroom	100	1	100	
Staff Toilet	50	2	100	Accessible.
Subtotal - Treatment Program Support			600	
Subtotal - Areas x 3			1,800	
Unit Control Stations (72 Youth)				
				Staff only. On boundary between (4) 18 bed living units
YCC/YCO Secure Control Station	80	1	80	Secure enclosed room. Used by staff at night, other shifts as needed. Also can function as emergency staff refuge. All access doors to be secure. "Master" unit for control panels (doors, alarms, phones).
Toilet	50	1	50	Not required to be disabled accessible. Provide space to accommodate storage of paper products, soap and cleaning supplies.
Emergency Response Storage	15	1	15	Lockable closet with shelving to accommodate 911 Rescue Tool, CPR Mask, First Aid Kit, handcuffs, flex cuffs and restraint chains.
Subtotal - One (1) Unit Control Stations			145	
Subtotal - Control Stations x 3			435	One Control Station in each Core Treatment Security Building
Building Support				
General Storage	120	1	120	Staff only. Shelving. Emergency supplies and misc. living unit supplies. Storage for extra mattresses.
Emergency Response Bulk Storage	50	1	50	Secure storage room for bulk storage of supplies required to restock Emergency Response Storage closets in the YCC/YCO Secure Control Rooms in the three Living Units. Three steel shelving units providing a total of 25 lineal feet of storage (min.).

Table 4 (continued) CORE TREATMENT LIVING UNIT SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Security Electronics Room	-	-	-	Lockable room for security electronics systems only. Not combined with electrical room. Racks and wall-mounted panels for fire alarm, security voice/data systems, locking devices, door position indicator systems, UPS system and panel, etc.
Subtotal - Building Support			170	
Subtotal for Shared Support x 3			510	
Subtotal-Treatment/Bldg Support (NSF)			4,665	
Circulation/Efficiency Factor			1,866	40% for treatment and support services areas.
Total - Departmental Square Feet (DGSF)			6,531	
Total (DGSF) Functional Area			56,931	
Building Grossing Factor (25%)			14,233	
Total Building Area (GSF)			71,164	Interior Space Required for Twelve (12) 18-Bed Living Units w/Shared Support Areas for 216 Capacity Core Treatment.
Exterior Functional Areas				
Small Recreation Yards	5,000	1	5,000	1 per 36-Bed living unit; locate accessible via each dayroom.
Exercise Equipment	100	1	100	Area for fixed exercise equipment -- pull-up bar, dip bar and sit-up bench.
Quiet Activity	200	1	200	2 fixed tables and stools. Shade covering.
Drinking Fountain	0	0	0	
Trash	50	1	50	
Subtotal Exterior Functional Area (GSF) per One			5,350	Outdoor Space Required for One Recreation Yard.
Total Exterior Functional Area (GSF)			32,100	Outdoor Space Required for Six (6) Outdoor Recreation Yards for Core Treatment Housing.

Program Spatial Area Requirements

ACADEMIC / VOCATIONAL SCHOOL

Table 5 ACADEMIC/VOCATIONAL SCHOOL SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Academic Education				
Lobby/Security Office	200	1	200	10 persons; opens directly onto the courtyard; all youth pass this station to enter the school grounds. Good visual surveillance of youth approaching school and of the school courtyard. Open office-type workstation with desk and computer, operable window for youth and staff to approach and talk to custody staff; metal detector to be located at school perimeter where youth enter school complex and are "checked in". Phones to school office and living units; intercom to classrooms and workshop areas; locked closet w/blood born cart.
English/Literacy Classroom	600	1	600	15 Youth
Math Classroom	600	1	600	15 Youth
Social Science Classroom	600	1	600	15 Youth
Science Classroom	600	1	600	15 Youth
English Language Dev Classroom (ELD)	600	1	600	15 Youth
GED Classroom	690	1	690	With locked storage; 15 Youth
ESEA (Title 1)	600	1	600	15 Youth
Fine Arts Classroom	940	1	940	15 Youth
Subtotal - Academic Education			5,430	
Circulation/Efficiency Factor			815	15% for this functional area. Assumes exterior circulation between school components (classrooms, vocational programs, etc.)
Functional Area Subtotal (DGSF)			6,245	
School Library				
General Book Collection	1,000	1	1,000	Full height shelving units around perimeter of room, half height in center of room. Also used for training and meetings.
Law Library	100	1	100	View into Library w/4 workstations.
Drinking Fountain	-	-	-	Chilled water. High-low for disabled accessibility.
Library Support				
Staff Workroom/Repair/Cataloging	120	1	120	Receiving materials, repair, office supply storage. Includes sink and counter area, large copier, library cart storage, staging area for carts to dayroom libraries. 2 workstations, phones, computer and printer, and internet connections.
Librarian's Office	100	1	100	Private office. Locate for good visibility of circulation desk and reading room.
A/V Storage	100	1	100	Secured room; includes shelving for DVDs, video cassettes.
Janitor	50	1	50	Sink and shelving for cleaning supplies. Specialized ventilation.
Subtotal - School Library			1,470	
Circulation/Efficiency Factor			368	25% for this functional area.
Functional Area Subtotal (DGSF)			1,838	

ACADEMIC / VOCATIONAL SCHOOL

Table 5 (continued) ACADEMIC/VOCATIONAL SCHOOL SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Vocational Education/Work Programs				
Staff Station	80	1	80	With metal detector.
Automotive Repair/Welding	3,500	1	3,500	Entrance doors no less than 3'6". 10 youth; program includes classroom activities within open workshop. Youth seating will be at counters with stools around perimeter of room. 50sf for youth toilet. Open work area accommodates two vehicles. Provide central vacuum system and water and air reels from ceiling. Provide trench drains in each stall connected to triple basin or sand/oil separator. High windows to allow visual supervision by roving YCO but prevent distractions for students. Provide access to exterior staging for four vehicles. Vehicle bay doors. Workshop will contain TIG, MIG and arc welding stations around perimeter of the workshop, with additional workstation for oxy-acetylene in the center. Exterior corporation yard and tank storage required for Welding program.
General Maintenance/Building Trades	2,000	1	2,000	Entrance doors no less than 3'6". 10 youth; Program includes classroom activities within open workshop. Youth seating will be at counters with stools around perimeter of room. 50sf for youth toilet. High windows to allow visual supervision by roving YCO but prevent distractions for students. Exterior corp yard required for this program. Vehicle bay doors.
Business Ed/Office Services/Computer Services	900	1	900	Entrance doors no less than 3'6". 10 youth; Program includes classroom activities within open workshop setting. Youth seating will be at carrels around perimeter of room. Workshop to include multiple workstations with various business related equipment and activities. 50sf for youth toilet. High windows to allow visual supervision by roving YCO but prevent distractions for students. Vehicle bay doors.
Landscape	1,000	1	1,000	Entrance doors no less than 3'6". 10 youth; Program includes classroom activities within open workshop. Youth seating will be at counters with stools around perimeter of room. 50sf for youth toilet. High windows to allow visual supervision by roving YCO but prevent distractions for students. Open workshop to accommodate demonstration and practice with a variety of landscaping equipment, potting beds, storage of equipment, etc. Exterior corporation yard required for this program. Vehicle bay doors. Includes small engine repair.
Janitor Closet	80	1	80	
Staff Toilet	50	1	50	
Subtotal - Vocation			7,610	
Circulation/Efficiency Factor			1,142	15% for this functional area. Assumes exterior
Functional Area Subtotal (DGSF)			8,752	

Program Spatial Area Requirements

ACADEMIC / VOCATIONAL SCHOOL

Table 5 (continued)				
ACADEMIC/VOCATIONAL SCHOOL SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
EDUCATION ADMINISTRATION AND SUPPORT				
<u>School Administration</u>				
Principal	140	1	140	Private office. Phone/data and internet connection. Intercom capability to security office and all classrooms.
Office Tech (OT) - Secretary	64	1	64	Secure file cabinets for personnel files; and fax.
Asst Principal (SAI - Academic)	100	1	100	Private office. Phone/data and internet connection.
Asst Principal (Vocation)	100	1	100	Private office; located at Vocational Building. Phone/data and internet connection.
Office Assistant (OA) -- Receptionist	64	1	64	
Meeting Room	160	1	160	Table and chairs for 6-8 people; IEP's and other meetings will be held here.
Office Supply	80	1	80	Locked.
Staff Workroom	200	1	200	Mailboxes, large copier, forms, work tables, computer station with internet. Phone/data. Specialized ventilation.
Staff Breakroom	150	1	150	Table and chairs for eight people. 8 LF of counter with sink; storage cabinets above and drawers/cabinets below. Space/utilities for microwave, coffeemaker and refrigerator. Bulletin board, wall-mounted phone. Specialized ventilation.
<u>Education Tech Coordinator (SISA)</u>				
SISA Office - LAN	100	1	100	Private office; phone/data and internet connection.
Computer Room	120	1	120	Secure equipment room with rack and equipment for School LAN equipment; 6 network ports; adequate power and conditioning critical; shelving for hardware and software. Workbench for repairing computers.
Registrar/Attendance Office	120	1	120	Shared office w/secure files and 2 workstations.
Special Ed Coordinator/Scheduler	120	1	120	Shared office w/secure files and 2 workstations.
Staff Toilets	50	3	150	Single-occupancy. Uni-sex. Disabled accessible. Specialized ventilation; locate at academic classroom.
Youth Toilets	50	4	200	Locate centrally.
Janitor Closet	50	1	50	Sink and shelving for cleaning supplies. Specialized ventilation.
Drinking Fountain	-	-	-	Chilled water. High-low for disabled accessibility.
Subtotal - School Security & Administration			1,918	

ACADEMIC / VOCATIONAL SCHOOL

Table 5 (continued)				
ACADEMIC/VOCATIONAL SCHOOL SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Education Specialists Center				
Resource Specialist	100	1	100	Private office. Phone/data.
Vocational Specialist (Voc Counselor)	100	1	100	Private office. Phone/data.
School Psychologist	100	1	100	Private office. Phone/data.
Language/Speech/Hearing Specialist	100	1	100	Private office. Phone/data.
Special Day Classroom	400	1	400	10 youth w/toilet.
Resource Classroom	300	1	300	6 youth.
Behavior Management Classroom	300	1	300	6 youth w/toilet.
Security Electronic Room	-	-	-	
Subtotal - Education Specialists			1,400	
Functional Net Subtotal (NSF)			3,318	
Circulation/Efficiency Factor			1,161	35 % for this functional area.
Functional Area Subtotal (DGSF)			4,479	
Total Functional Area (DGSF)			21,313	
Building Grossing Factor			5,328	25% grossing factor for the building
Total Building Area (GSF)			26,641	Interior Building Area Only.
Exterior Functional Areas				
Vocational Education/Work Programs Automotive Repair/Welding			2,995	Partially covered (20sf) at door. Staging for 4 vehicles; 145 SF of covered, locked storage for oxygen and acetylene tanks (manifold supply system for welding stations inside). Space for raw materials and projects.
General Maintenance			1,500	Pave 2/3 of yard and leave remaining 1/3 dirt to allow students to practice trenching and underground piping. Pipe rack along wall for storage of materials.
Landscaping			2,200	Four soil bins. Open ground for plantings. Identify space for future shade or greenhouse. Equipment storage.
Science Classroom Growing Area			250	Plant growing area adjacent to Science Classroom for Botany experiments.
Subtotal - Vocational Education			6,945	
School Courtyard			Varies	Open courtyard used for circulation. Size dependent on design. Benches for youth sitting in open area. Weather canopy over all building entrances and main circulation corridor.
Total Exterior Functional Area (GSF)			Varies	Exterior Area Only.

Program Spatial Area Requirements

PHYSICAL EDUCATION AND RECREATION

Table 6 PHYSICAL EDUCATION AND RECREATION SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
RECREATION				
Entry Area/Foyer	240	1	240	Locate near school for easier PE use. Trophy cabinets.
Gymnasium	6,210	1	6,210	Sized for high school size court; playing area is 84 ft by 50 ft.; allow 10 ft clearance on ends and 5 ft on sides. Also stripe for volleyball. Provide scoreboard; provide theater size motorized screen for facility-wide gatherings for performances, etc.; provide appropriate lighting and acoustics for a variety of performances, gatherings, etc.
Folding Bleachers	1,125	1	1,125	Seating capacity for 300 people (150 on each side). Floor area required for six-tier rolling metal bleachers (with handrails) in extended position. Locate along both sides of the gym floor, outside the side clearance for the basketball court.
Storage	250	1	250	Chairs and risers used for large facility gatherings.
Exercise Room	600	1	600	Lockable, with controlled access. Fitness/weight training equipment for physical fitness, including weight training during physical education. 12 stations at 50sf/ station for cardiovascular and selectorized equipment; (USAF fitness design guide) specialized ventilation.
Physical Education Classroom	520	1	520	15 youth @ 28sf each (CCR T-24) at individual desks. Closet for distance learning equipment. High windows to allow visual supervision by roving YCO but prevent distractions for students. Furnish with a work table and 6 chairs at the back of room. 3 computer stations @ 10sf.
Staff Office	120	1	120	2 workstations; 1 each for 1 P E teacher and 1 Recreation Coordinator; provide intercom to school security Central School office and Control Center; locked closet w/blood born cart; w/copier.
Subtotal - Gymnasium			9,065	
Circulation/Efficiency Factor			907	10% for this functional area.
Functional Area Subtotal (DGSF)			9,972	
Shared Support				
Clothing & Towel Distribution/Laundry	120	1	120	Lockable room, adjacent to youth lockers. Shelving for gym clothes and towels. Operated by a youth worker.
Laundry Room	80	1	80	Lockable room, adjacent to youth lockers. Commercial washer, dryer and laundry sink; counter and storage cabinets. Specialized ventilation.

PHYSICAL EDUCATION AND RECREATION

Table 6 (continued) PHYSICAL EDUCATION AND RECREATION SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Youth Locker Room	150	1	150	2-tier gym lockers at 12 sf/locker, including benches. Floor space for soiled laundry carts (10 SF). Grooming area with counter and wall-mounted mirror (20 SF).
Youth Toilet	50	3	150	part of locker room
Youth Showers	50	4	200	part of locker room
Staff (Unisex) Toilet/Shower Toilet	100	2	200	staff use.
Equipment Storage - Physical Education	100	1	100	5-tier adjustable shelving. Ball baskets, freestanding volleyball standards and other P.E. funded equipment.
Equipment Storage - Recreation	100	1	100	5-tier adjustable shelving. Ball baskets, freestanding volleyball standards and other Non-P.E. funded equipment.
Equipment Storage -- Living Units	150	1	150	lockable storage cabinets (36"w by 24"d x 72"h) for each of 12 living units that will come to playing fields for recreation.
Janitor Closet	50	1	50	Sink and shelving for cleaning supplies. Specialized ventilation.
Drinking Fountain	-	-	-	chilled water drinking fountains. High-low for disabled accessibility. cuspidor.
Recreation Support - Future Storage	120	1	120	w/outdoor access.
Youth Restroom	150	1	150	Multi-occupancy. Disabled accessible. Good ventilation. Access from outside field.
Support/Mechanical	350	1	350	
Security Electronics Room	-	-	-	
Subtotal - Shared Support			1,920	
Circulation/Efficiency Factor			480	25% for this functional area
Functional Area Subtotal (DGSF)			2,400	
Total Functional Area (DGSF)			12,361	
Building Grossing Factor			3,090	25% grossing factor for the building
Total Building Area (GSF)			15,451	
Exterior Functional Areas				
<u>Outdoor Recreation</u>				
Basketball			6,240	High school playing field dimensions. Include bleachers to be moved from field to field. one court
Handball Court			2,750	two court
Soccer/Football/Softball Field			75,250	one field
Outdoor Leisure Area			250	tables and benches for quiet rec (board games, etc.) accommodate 12 youth.
Toilets, Drinking Fountains			150	Dependent on design.
Future Recreation Area			8,580	
Total Exterior Functional Area (GSF)			93,220	Exterior area only.

Program Spatial Area Requirements

FOOD SERVICES

Table 7 FOOD SERVICES SATELLITE SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
RETherm KITCHEN/DINING				
AREA REQUIREMENTS WILL BE FURTHER REFINED BY THE A/E TEAM FOOD CONSULTANT WHEN FACILITY LOCATION IS DETERMINED				
Retherm Kitchen				
Cart Parking	200	1	200	
Warewash/Utensil Wash	120	1	120	With utility sinks.
Re-Therm Cooking/Set-Up Area	360	1	360	With refrigerator and freezer.
Dry Storage	100	1	100	
Food Worker's Office	100	1	100	Shared use.
Soap/Chemical Storage	50	1	50	Plastic shelving. Utility sink.
Eye Wash & Shower	30	1	30	Provide floor drain capable of handling water flow from the shower.
Youth Worker Entry & Search	80	1	80	Provide metal detector and area to search youth prior to their returning to their living units.
Clean Uniform Storage	50	1	50	Shelving for cook's clothing, aprons, etc.; no youth worker clothing storage required; youth will arrive in their kitchen attire.
Staff Restroom	50	1	50	Single occupancy; uni-sex. Disabled accessible. Specialized ventilation.
Youth Restroom	50	1	50	Single occupancy; disabled accessible. Specialized ventilation.
Janitor	50	1	50	Sink and shelving for cleaning supplies. Specialized ventilation.
Subtotal - Retherm Kitchen			1,240	
Serving Line				
Serving Vestibule/Queuing	200	2	400	Youth queuing area and tray pick-up.
Janitor	50	1	50	Accessed from Serving Vestibule; supports four dining rooms. Sink and shelving for cleaning supplies. Specialized ventilation.
Subtotal - Two Serving Lines			450	
Total - Functional (NSF)			1,690	
Circulation/Efficiency Factor			423	25% for this functional area.
Functional Area Subtotal (DGSF)			2,113	
Youth Dining Room				
Dining Room - Large	1,760	1	1,760	Seating for 88 at 20sf/person with one partial height wall in the middle. Fixed tables with four seats. Locate tables at 8'-0" o.c. to allow adequate circulation space around all sides. Remove one seat from one table to provide seating for youth in wheelchair. Provide circulation space around perimeter of room to accommodate roving staff. Provide acoustical treatment to prevent sound reverberation.

FOOD SERVICES

Table 7 (continued) FOOD SERVICES SATELLITE SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Pill Call	100	1	100	Adjacent to dining area; w/sink.
Trash/Tray Collection	20	2	40	In dining room provide open space near door to accommodate trash can and utility cart. Youth will scrape trays then put soiled trays and utensils on carts. Items will be returned to the retherm kitchen for cleaning.
Youth Restroom	50	2	100	Single occupancy; disabled accessible. Specialized ventilation.
Beverage Counter	30	2	60	Beverage containers (juice) and chilled water dispenser.
Drinking Fountain	-	-	-	Chilled water. High-low for disabled accessibility.
Subtotal - Youth Dining			2,060	
Circulation/Efficiency Factor			515	25% for this functional area.
Functional Area Subtotal (DGSF)			2,575	For Two (2) Dining Rooms (3 shift dining)
Total Functional Area (DGSF)			4,688	
Building Grossing Factor			1,172	25% grossing factor for the building
Total Building Area (GSF)			5,860	Interior Building Area Only.
Exterior Functional Areas				
Delivery Area			600	Drop-off and pick-up for food transportation carts.
Can Wash			150	Booster pump with hot water to wash cans and mops. Provide mop rack outside.
Equipment Storage			80	
Total Exterior Functional Area (GSF)			830	Exterior Area Only
Notes:				
(1) Contingent on campus getting new Food Service using tray distribution.				
(2) If different campus, full service kitchen required (no trays in Dining Room).				

Program Spatial Area Requirements

HEALTH / DENTAL SERVICES SATELLITE

Table 8 HEALTH/DENTAL SERVICES SATELLITE SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Group Waiting Room	60	1	60	4 youth, comfortable chairs. Furniture arranged to allow floor space for one wheelchair. Wall-mounted TV. Specialized ventilation.
Drinking Fountain	-	-	-	Chilled water. High-low for disabled accessibility.
Nurse's Station	120	1	120	View into exam room; also use by Office Tech; open workstation; chairs, computer and printer, files, storage, phone.
Nurse's Examination/Treatment (Accessible)	140	1	140	Examination table with 36" clear space on three sides and 12" clearance at head. Charting workstation. Counter (5 LF min.) with handwashing sink at one end, drawers/cabinet below, cabinets above. Eyewash at sink. Stool, scale, patient chair, ceiling-mounted procedures light. Security 10" x 10" vision panel in door to provide visual surveillance, but maintain patient privacy. All cabinets and drawers to be lockable w/linen closet.
Medical/Pill Call	200	1	200	Secure room. Large pass-through window to building exterior (with canopy) to accommodate pill-call line. Provide counter and sink (hot & cold, foot operated) at window for medication staging and water. Countertop staff workstation with "pigeon-holes" for form storage above and drawers below; include counter space for computer, printer, phone, fax and shredder. Two lockable file cabinets. Lockable cabinets for medication and supply storage. Wall-mounted narcotics locker. Two small refrigerators: one for medications on counter and one for specimens under counter. Counter-top ice machine. Floor space for medication carts.
Interview Room	100	1	100	Table and four chairs. Window for visual surveillance.
Youth Toilet	50	1	50	Single-occupancy. Wheelchair accessible. Small shelf or counter for specimen containers (urinalysis or laboratory). Specialized ventilation.
Dentist's Office	100	1	100	Private Office. Desk and chair, guest chair, computer table with computer and printer, bookshelf, files, phone. Internet connection.
Dental Operator	365	1	365	Two patient chairs (with full 180 degree movement) with mounted light and x-ray monitor. Treatment console located between treatment chairs, containing intra-oral x-ray, lockable storage and handwashing sink. Additional 6 lineal feet of counter space centrally located to both treatment chairs, with sink at one end (hot and cold water, foot controls), storage cabinets above, drawers below. 5 lineal feet of counter workstation for digital x-ray computer management system. Surface-mounted electrical raceway at all counters. High windows to corridor to allow for visual surveillance of treatment area. Internet connection. Locate on/off switches for air compressor and vacuum pump on wall in dental operator.
Dental Bulk Storage	100	1	100	Provide adjustable shelving around perimeter of room.
Dental Files	80	1	80	Directly adjacent to dental assistant. Lockable file cabinets.
Health Records Technician	64	1	64	

HEALTH / DENTAL SERVICES SATELLITE

Table 8 (continued) HEALTH/DENTAL SERVICES SATELLITE SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Dental Laboratory	80	1	80	Access from Operator. Window to Operator. Work counters with cabinets above and drawers below. Service sink in counter (hot and cold water, foot pedals). Undercounter refrigerator. 5 lineal feet of laboratory workcounter with shelves above and open below, countertop fume exhaust system. Surface-mounted electrical raceway at all counters.
Sterilization Room	80	1	80	Access from laboratory, with pass-through from operator. Counters with cabinets above and drawers below. Service sink in counter. Soiled counter (left of sink) has counter space for utensil tray, ultrasonic cleaner and handpiece maintenance system. Clean counter (right of sink) has counter space for utensil tray and sterilizer/autoclave.
Dental Mechanical	40	1	40	Located with access directly from exterior of building. Double doors. Sound insulation to prevent noise from infiltrating into building. Air compressor and vacuum pump with amalgam separator. On/off switches will be located on wall in dental operator.
Subtotal - Health/Dental Services			1,579	
Circulation/Efficiency Factor			632	40% for this functional area
Functional Area Subtotal (DGFSF)			2,211	
Shared Support Areas				
Clean/Soiled Utility Room	30	2	60	Separate clean and soiled sides of room. <u>Clean side</u> has counter (with storage above and below), a handwashing sink and a shelving unit. <u>Soiled side</u> has a counter (with storage above and below), utility sink, rim sink with bedpan washer, and storage area for soiled linen containers. Specialized ventilation.
Equipment Storage	100	1	100	Gurney, wheelchair, wall-mounted stokes litter and backboard.
Janitor Closet	50	1	50	Utility sink and shelving for cleaning products. Specialized ventilation.
Medical Waste	30	1	30	Opens directly to outside, or directly adjacent to building entry for easy vendor pick-up.
Shared Staff Areas				
Psychiatrist	120	1	120	Shared use; desk and chair, two guest chairs, computer table with computer and printer, bookshelf, files, phone. Internet connection.
Sr. Psychologist	120	1	120	Shared use; desk and chair, two guest chairs, computer table with computer and printer, bookshelf, files, phone. Internet connection.
Medical Files	80	1	80	
Copier/Forms/Supply	100	1	100	
Staff Breakroom	120	1	120	Seating for 4 at tables; counter w/sink, storage above and below. Space and utilities for coffee maker, microwave, refrigerator, and w/storage lockers.
Showers/Eye Wash/ Decontamination	60	1	60	
Staff Toilets	50	1	50	
Subtotal - Shared Support			890	
Circulation/Efficiency Factor			267	30% for this functional area
Functional Area Subtotal (DGFSF)			1,157	
Total Functional Area (DGFSF)			3,368	
Building Grossing Factor			842	25% grossing factor for the building
Total Building Area (GSF)			4,210	

Program Spatial Area Requirements

VISITING CENTER

Table 9 VISITING CENTER SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f)	Notes
VISITING CENTER				Collocated with Visitor Processing.
General Visiting Area				Visitors will enter the visiting center through Visitor Processing
General Visiting	2,250	1	2,250	150 capacity
Small Visiting Rooms (8 to 10 persons)	150	3	450	Holds groups of up to 8 persons; acoustical privacy. Full-height glazing along full length of wall where entry door is located to provide good visual surveillance. May be used for family visits, attorney visits, family therapy, community volunteer groups meeting with youth, etc. Good ventilation. Sound control. Movable table and chairs.
Drinking Fountain	-	-	-	Chilled water. High-low for disabled accessibility.
Equipment Storage	200	1	200	Tables, chairs, movable risers, etc.; adjacent to visiting.
Secure Storage	30	1	30	Includes storage for video conferencing equipment, projection equipment, TV's, etc.
Visitor Toilet (Accessible)	50	2	100	Near Visiting Control; one male, one female. Disabled accessible and family assistance. Controlled access. Direct access from general visiting room; Not adjacent to youth toilets. Fold-down diaper changing counter. Specialized ventilation.
Youth Toilet (Accessible)	50	1	50	Adjacent to Visiting Officer Station. Single-occupancy. Disabled accessible. Controlled access. Direct access from general visiting room. Not adjacent to visitor toilets. Specialized ventilation.
Staff Toilet	50	1	50	
Janitor	50	1	50	Utility sink and shelving for cleaning supplies. Specialized ventilation.
Non-Contact Visiting Booth	75	2	150	Used by BTP and selected others; youth and visitor sides are completely separated; window between sides extends full width of the booth; writing surface below window on both sides. <u>Youth side</u> is fully-enclosed with security door (viewport and cuffs slot), fixed stool and hands-free intercom; <u>visitor side</u> has full-height partitions on sides and is fully-enclosed at the back door with vision panel. Will accommodate two visitors in movable chairs, handsfree intercom. Provide specialized ventilation.
Non-Contact Attorney Visiting Booth (Accessible)	110	1	110	Used by BTP and select others. Confidential attorney visits, also provides space for family visits requiring disabled accessibility. Youth and visitor sides are completely separated; window between sides extends full width of the booth; writing surface below window on both sides. Both sides have seating for more than one person (accommodates dual defendants, or attorney team), and are disabled accessible. <u>youth side</u> is fully-enclosed with security door (viewport and cuffs slot); two stools, one fixed and one wall-mounted, swing-arm stool to allow required floor space for wheelchair access; and hands-free intercom. <u>Visitor side</u> is fully-enclosed; door with vision panel, accommodates up to two visitors in movable chairs, hands-free intercom. Provide specialized ventilation.
Subtotal - General Visiting			3,440	

VISITING CENTER

Table 9 (continued) VISITING CENTER SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f)	Notes
Youth Processing				<i>Provides youth access to general visiting. No youth access or view between processing area and general visiting.</i>
Processing Area	150	1	150	Open area to receive and process youth. Waiting rooms around perimeter. Includes officer podium or wall-mounted desk to complete paperwork. Provide exterior door with buzzer, intercom and CCTV linked directly to Officer Visiting Station. Staff in Officer Visiting Station will operate exterior door. Controlled access door between Visiting Officer Station and processing areas for secondary security coverage. Metal detector; individual waiting area. (6)
Search Alcove	15	6	90	Directly adjacent to processing area; tables.
Youth Toilet (Accessible)	50	1	50	Single occupancy; disabled accessible, specialized ventilation.
Security Electronics Room	-	-	-	
Subtotal - Youth Processing			290	
Total Functional Area (NSF)			3,730	
Circulation/Efficiency Factor			560	15% for this functional area
Total Functional Area (DGSF)			4,290	
Building Grossing Factor			1,072	25% grossing factor for the building
Total Building Area (GSF)			5,362	Interior Space Only.
Exterior Functional Areas				
Outdoor Visiting			Varies	Functions as a fire refuge court for visiting. Size dependent on design requirements for refuge court. Requires a variety of areas, e.g. patio, grassy area, attractive garden area (including for photo taking); some portion covered for use in inclement weather; 12 picnic tables with 6 seats at each; children's play area with kid size table & chairs; fenced. For refuge court, must provide a minimum of 3 SF/per person of unencumbered space a minimum of 50 feet from the building.
Total Exterior Functional Area (GSF)			Varies	Exterior Space Only. Dependent on Design.

Program Spatial Area Requirements

VISITING PROCESSING

Table 10 VISITING PROCESSING SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f)	Notes
Visitor Entry				Primary entrance to Northern California Core Treatment Facility for youths' family and visitors. Provide weather covering at building entry. Good visibility for staff at Visiting Control to see who is arriving at the front door. Provide an intercom at the entry door, and CCTV covering the lobby and the building entry/covered exterior waiting area.
Visitor Entry/Exit Sallyport	100	1	100	Secure. All doors controlled by staff at Visiting Control. Provides access to the General Visiting Area only. Visitors are cleared through visitor processing, then enter the Visitor Entry and Exit Sallyport.
Visitor Lobby/Waiting	300	1	300	Sofas, chairs and end/coffee tables. Lots of circulation space for small groups of people entering the building and waiting to be processed. Natural lighting. Includes Identification Counter, with window to accommodate direct communication with staff in Visiting Control; 15 to 20 lockers; w/staff station and counter area.
Public Toilets	100	2	200	Men's and women's. Multi-occupancy. Disabled accessible. Specialized ventilation. Diaper changing counter in both restrooms.
Drinking Fountain	-	-	-	Chilled water. High-low for disabled accessibility.
Visitor Search	80	1	80	
Security Electronics Room	-	-	-	
Subtotal-Visitor/Entry Processing			680	
Circulation/Efficiency Factor			238	35% for this functional area.
Total Functional Area (DGSF)			918	
Building Grossing Factor			230	25% grossing factor for the building
Total Building Area (GSF)			1,148	Interior Building Area Only.
Exterior Functional Areas				
Covered Waiting at Entry			250	At building entrance. Includes two public pay phones, one of which must be disabled accessible.
Total Exterior Functional Area (GSF)			250	Exterior Area Only.

RELIGIOUS PROGRAMS

Table 11 RELIGIOUS PROGRAMS SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f)	Notes
Youth Receiving Area	200	1	200	Allows adequate circulation space as youth are entering and leaving the area. Staff will check youth in as they arrive.
Interfaith Multipurpose Room	1,600	1	1,600	100 capacity; used by all clergy for worship services or study groups, accommodates movable chairs no fixed seating. Square room configuration preferred. Orient room configuration to provide appropriate layout for 35 youth using prayer rugs for Muslim services; youth must face northeast when praying. Room will be used for instruction; provide white board; projector and screen (e.g. power point presentations). Provide 8 LF of counter with sink, and storage above and below in back of room. Wire room for video conferencing. Direct access to fenced yard for sweatlodge.
Equipment Storage	150	1	150	Storage room for equipment typically shared by all groups. Space for chairs, folding tables, lecturn, etc. May need space for large Muslim prayer rug unless several smaller ones will be used. Shelving for smaller items.
Chaplain Storage	30	4	120	Materials used in this room are not suitable for storage in chaplain offices or shared storage, e.g. Native American medicine wheel, smaller Muslim prayer rugs, etc. Shelving for small items.
Wudu Station	80	1	80	Lockable, with controlled access. For youth participating in Muslim services. At entry to multipurpose room. Purification station; includes washing hands, face, feet and mouth. Provide handwashing station with footwashing capabilities for use by four or five people at one time.
Youth Toilet (accessible)	50	1	50	Lockable, with controlled access from sweatlodge area. For youth participating in sweatlodge functions. Single occupancy; disabled accessible.
Sweatlodge Storage	50	1	50	Storage room for equipment and supplies used in the sweatlodge; blankets, tools, tarps, etc. Opens directly to the outside and accessed from the sweatlodge yard.
Subtotal - Chapel			2,250	
Circulation/Efficiency Factor			450	20% for this functional area.
Functional Area Subtotal (DGSF)			2,700	
Religious Programs Support				
Chaplain Office	150	2	300	Shared use; office includes small meeting table, and storage closet (25 SF) with shelving and clothes rod for the chaplain's items and apparel. Ensure surveillance capability into offices by security staff while clergy are meeting with youth. Phone/data.

Program Spatial Area Requirements

RELIGIOUS PROGRAMS

Table 11 (continued) RELIGIOUS PROGRAMS SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Copier/Workroom/Supplies	100	1	100	Lockable room. Small copier, supply storage shelving. Good ventilation. Near chaplain offices.
Janitor Closet	50	1	50	Located near each large meeting area. Sink and shelving for cleaning supplies. Specialized ventilation.
Drinking Fountain	-	-	-	Centrally located. Chilled water. High-low for disabled accessibility.
Staff/Visitor Toilets	50	1	50	
Youth Toilets	50	2	100	
Security Electronic Room	-	-	-	
Subtotal - Religious Support			600	
Circulation/Efficiency Factor			150	25% for this functional area.
Functional Area Subtotal (DGSF)			750	
Total Functional Area (DGSF)			3,450	
Building Grossing Factor			863	25% grossing factor for the building
Total Building Area (GSF)			4,313	Interior Building Area Only.
Exterior Functional Areas				
Sweatlodge Area			625	Sweatlodge activities. Provide 25'-0" by 25'-0" yard with 12'-0" high fence. Additional 4'-0 by 7'-0" gate in fence for deliveries of wood and supplies. Must have hose bib and covered wood storage. See interfaith multipurpose room.
Total Exterior Functional Area (GSF)			625	Exterior Area Only.

CANTEEN

Table 12 CANTEEN SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
CANTEEN/STOREROOM				
Canteen				<i>Canteen orders will be delivered by outside vendors to the NCYCC warehouse and then delivered by facility vehicles to the NCCTF Canteen. Locate Canteen Storage in proximity to the vehicle sallyport for frequent deliveries. Also, products will be "hand delivered" from the canteen to BTP and High Risk youth in rolling carts. Youth workers will work in the Canteen.</i>
Distribution Window	20	1	20	Locate at front of canteen adjacent to yard. 1 distribution window for use by Medium and Low risk youth. Counter for inventory and signatures. Weather-proof display board on exterior of building adjacent to windows. Include computer, fax and cash register for staff cash sales. Covered distribution and waiting areas for inclement weather.
Ice Cream Freezer	10	1	10	Locate near distribution window. Provide upright unit with glass display doors. For ice cream products.
Refrigerator	10	1	10	Locate near distribution window. Provide upright unit with glass display doors. For cold beverages.
Canteen Storage -- Shelves	200	1	200	30 open shelving units (4-tier, 24"d x 36"w) for canteen products. Provide 5 closed shelving units (5-tier, 16"d x 26"w) for small products (deodorant, soap, etc.) Arrange shelving around perimeter and in long rows to facilitate visual supervision of youth workers.
Clothing Storage	100	1	100	Secure storage; wire partition or separate room. 10 closed shelving units (5-tier, 24"d x 36"w) for specialty clothing products, e.g. tennis shoes, special clothing/property items to have on hand for youth to purchase.
Secure Storage	100	1	100	Secure storage. Shelving for "hot" canteen items, including radios, batteries, TVs, etc. that youth may purchase. Roll up door (4ft).
Packaging Area	200	1	200	Packaging area for gathering, inventorying and packaging items to be transported to BTP and High Risk living units. May also be used for pre-packaging orders for Low and Medium Risk who will pick-up their orders at the distribution window. L-shaped stainless steel counter. Provide 8 lineal feet on one leg for staging goods. Provide 10 lineal feet of counter on second leg for computer scanning equipment and packaging goods. Provide open floor area at end of counter to load rolling utility carts used to transport canteen bags to living units. Provide stainless steel work table in center of packaging area for additional staging space with cart storage.
Manager's Office	100	1	100	Private office. Desk, chair, bookcase, file cabinet, computer with Internet connection for ordering; fax, printer. Also connection to accounting office and youth welfare fund. Locate office for good observation of youth canteen workers. View into storage and packaging area.

Program Spatial Area Requirements

CANTEEN

Table 12 (continued)				
CANTEEN SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Youth Toilet	50	1	50	For youth workers. Single-occupancy. Disabled accessible. Specialized ventilation.
Staff Toilet	50	1	50	Single-occupancy; uni-sex. Disabled accessible. Specialized ventilation.
Janitor	50	1	50	Sink and shelving for cleaning supplies. Specialized ventilation.
Drinking Fountain	-	-	-	Chilled water. High-low for disabled accessibility.
Receiving	100	1	100	Receiving area for Canteen goods from NCYCC warehouse. Accessed from exterior Loading area. NCYCC trucks from Commissary/Warehouse will deliver product in boxes or on pallets. Staging area for delivery receipt and inspection, stack boxes, breaking down pallets, etc. Phone and writing surface. Direct access to Canteen storage areas. Provide 8 ft. by 8 ft. overhead coiling door.
Bulk Storage	1,000	1	1,000	Central storage for facility; supplied from central warehouse at campus.
Security Electronics Room	-	-	-	
Subtotal - Canteen			1,990	
Circulation/Efficiency Factor			199	10% for this functional area.
Total Functional Area (DGSF)			2,189	
Building Grossing Factor			547	25% grossing factor for the building
Total Building Area (GSF)			2,736	
Exterior Functional Areas				
Covered Waiting at Canteen Distribution Window			250	Provide weather canopy at distribution window. Waiting area to accommodate 24 youth, plus staff. Youth will form two lines, one waiting to receive their canteen items, and a second line waiting to return to the living units.
Loading Area (Shared)			500	Concrete pad. Adjacent vehicle parking with space for one truck. Outdoor storage for pallets.
Total Exterior Functional Area (GSF)			750	

ADMINISTRATION

Table 13				
ADMINISTRATION SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Executive Administration				
Superintendent Office	225	1	225	Private office. Accessed through secretary/waiting area. Needs to be located to allow view of the facility. Includes 15 SF closet with clothes rod and shelf above. Includes 25 sf of secure storage in casework. Conference table for 10 persons.
Assistant Superintendent	140	1	140	Private office. Accessed through waiting area. Needs to be located to allow view of the facility.
Program Administrator	120	1	120	
Parole Agent III	100	1	100	
Program Analyst	100	1	100	
Executive Secretary (for Superintendent)	125	1	125	Directly adjacent to Superintendent. Includes waiting for two persons. Includes secured fax with dedicated line. Provides access to Superintendent's office.
Copier/Workroom/Supplies	100	1	100	Adjacent to secretary. Lockable room. Small copier, supply storage shelving; includes coffee bar (6 LF of counter with sink and space/utilities for coffeemaker). Specialized ventilation. Provide Central Administration fax here.
Executive Conference Room	600	1	600	30 persons; accessible directly from building corridor, with secondary access from superintendent's office. Provide coffee bar; 8 LF of counter with sink, space/utilities for coffeemaker, microwave and undercounter refrigerator. White board and projection screen.
Executive Conference Room Storage	50	1	50	Lockable closet for equipment and stacking chairs.
Subtotal - Executive Administration			1,560	
Administration Services				
LAN Manager Office	100	1	100	CDCR Sp Std equivalent function - AISA
LAN Manager Workroom	100	1	100	Accessed from LAN Manager office. Electronics workbench, shelving for manuals/software/ hardware, computer racks.
File Server Room	200	1	200	Requires air conditioning and specialized ventilation; includes storage. OBITS, other servers.
PIMS Computer/Personnel Files	80	1	80	Lockable room with PIMS data computer system.
Personnel Specialists	64	2	128	
Health & Safety Officer	100	1	100	Private office; same person performs both functions; assumes desk, chair, copier/fax/scanner; file cabinet, bookshelf and 1 guest chair.
File Area - Active/Archive	150	1	150	Secure files.
AGPA/Program Analyst	100	4	400	
Super Case Record Tech	48	1	48	
Office Assistant/Switchboard	48	1	48	
Office Tech	48	2	96	One for personnel
Security Electronics Room	-	-	-	
Subtotal - Administration Services			1,450	

Program Spatial Area Requirements

ADMINISTRATION

Table 13 (continued) ADMINISTRATION SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Business Office				
Property Controller	100	1	100	
Business Service Officer	100	1	100	
Associate Budget Analyst	100	1	100	
Procurement and Service Officer	100	1	100	
Office Tech	100	1	100	With secure files; 64sf workstation.
Subtotal - Business Office			500	
Others/Youth Rights				
DDMS				
DDMS Coordinator/Youth Rights	100	1	100	
DDMS Lieutenant - Investigator	100	1	100	
Evidence Room	120	1	120	Secure processing and storage room. Locate adjacent to DDMS Lieutenant. Provide pass-through window (lockable) from security administration area to evidence room, with work counter on both sides of window. Provide evidence lockers adjacent to window for night drop. 5 LF of counter with utility sink; open shelving for bags or boxes, 6 LF of open alcove with clothes hanging rod and shelving above; refrigerator. Desk, chair, computer, printer, phone and data jack, internet connection, fax; special ventilation is critical.
Office Tech	64	1	64	
Parole Agent II	100	1	100	
Volunteer Service Program Coordinator	100	1	100	
Interview Room	100	1	100	
Program Office	150	1	150	Shared work space. modular systems furniture. Provide 4 workstations; each workstation should include four locking cabinets or drawers.
Conflict Resolution Teams	250	1	250	Shared workspace w/gang info coordinator workstation. modular systems furniture. Provide 5 workstations; each workstation should include four locking cabinets or drawers, large enough to store personal items. Staff will spend the majority of their time on the living units.
Subtotal - Other/Youth Rights			1,084	
Shared Support Areas				
Conference Room	400	1	400	20 persons at table at 20sf/person; phone and data jack; and white board.
Staff Breakroom	200	1	200	Centrally located in building. Shared by all departments in the Central Admin building; seating for 8 at tables; sink, 10 LF of counter for microwave and coffee maker; space for refrigerator; space for two vending machines.
Storage	200	1	200	Shared use; general storage.
Copy/Workroom/Supplies	150	1	150	lockable room. Small copier, supply storage shelving; includes coffee bar (6 LF of counter with sink and space/utilities for coffeemaker). Specialized ventilation. Provide Central Administration fax here.
Staff Restrooms	50	2	100	Men's and women's. Centrally located in building. Multi-occupancy. Disabled accessible. Specialized ventilation.
Janitor Closet	30	1	30	Centrally located. Sink and shelving for cleaning supplies. Specialized ventilation.

ADMINISTRATION

Table 13 (continued) ADMINISTRATION SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Housekeeping Storage	80	1	80	Centrally located. Supports all functional areas in the building. Shelving for storage of supplies and paper goods (toilet paper, paper towels).
Drinking Fountain	-	-	-	Centrally located. Chilled water. High-low for disabled accessibility.
Subtotal - Shared Support			1,160	
JPB/JJAAC Hearing Center (Near Public Entrance)				
Separate entries for youth and for public. Directly adjacent to Staff Processing Sallyport for easy access by Board, attorneys, victims and families.				
Board Room				
Board Room	350	2	700	15 persons at the conference table at 20 sf each; 6 LF of counter for coffee bar, including sink and lockable cabinets/drawers below; video conferencing capability; CCTV; proceedings will be recorded.
Board/Staff Toilet	50	1	50	One directly accessible from each hearing room. Single occupancy. Disabled accessible. Specialized ventilation.
Office Tech	64	1	64	Shared use workstations.
File Area	40	1	40	Six vertical file cabinets; letter-size w/6 drawers.
Secure Storage	10	1	10	Lockable closet with fixed shelving at 16" o.c. Maybe used for delegated testing materials or other confidential/secure materials.
Youth Holding/Waiting Anteroom				
Youth Holding/Waiting Anteroom	50	2	100	Separate from any public areas. Access between secure vestibule and board room. Good sound control.
Secure Vestibule	100	1	100	Secure circulation space providing access to youth holding rooms and anterooms; good sound control.
Secure Youth Holding	25	1	25	Concrete bench. No plumbing fixtures. Good sound control.
Secure Youth Holding (accessible)	60	1	60	Concrete bench. Disabled accessible. Toilet and lav. Good sound control.
Waiting Rm -- Youth, Family & Attorney	125	1	125	5 persons @ 25sf each
Waiting Rm -- Victim, Family & Attorney	125	1	125	5 persons @ 25sf each
Interview Room	100	2	200	For pre-hearing with youth, family and attorney.
Public Toilet	50	2	100	Single occupancy; disabled accessible. Specialized ventilation.
Janitor Closet	50	1	50	Sink and shelving for cleaning supplies. Specialized ventilation.
Drinking Fountain	-	-	-	Chilled water. High-low for disabled accessibility.
Security Electronics	-	-	-	
Subtotal - JPB/JJAAC Hearing Ctr			1,749	
Total Functional Area (NSF)			7,503	
Circulation/Efficiency Factor			2,626	35% for this functional area
Subtotal - Functional Area (DGSF)			10,129	
Building Grossing Factor			2,532	25% grossing factor for the building
Total Building Area (DGSF)			12,661	

Program Spatial Area Requirements

SECURITY ADMINISTRATION AND CONTROL CENTER

Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
SECURITY ADMINISTRATION & CONTROL CENTER				Locate directly adjacent to Staff Processing and Central Administration.
Security Administration				Located beneath the Control Center. Accessible both from Facility Vestibule and from Central Administration. Provide access to Control Center and the Staff Processing Control Station.
Chief of Security	140	1	140	CDCR Sp Std. Private office
Scheduling Lieutenant	100	1	100	CDCR Sp Std. Private office
Watch Commander	100	1	100	CDCR Sp Std. Private office
Watch Commander Secure Storage	100	1	100	Secure equipment and chemical agent storage.
Training Lieutenant	120	1	120	Private office with storage, videos.
Clerical Support	64	1	64	OA or OT clerical support.
YCO Office	200	1	200	Shared office; modular furniture workstations within office. 3 workstations @ 40sf each. Used by YCO staff for completing reports and similar activities. Not permanently assigned to any staff person with copier.
Small Conference Room	300	1	300	15 persons at table at 20sf/person. Phone and data jack. White board and bulletin board. Shift change meetings. Adjacent to clerical support; lockable room; includes 80sf for small copier, supply storage cabinets, coffee bar (6 LF of counter with sink and space/utilities for coffeemaker). Specialized ventilation.
Secure Electronics/CCTV Recording Rm	450	1	450	Under Central Control Room.
Emergency Response Equipment Storage	180	1	180	Secure storage room for bulk storage of emergency equipment supplies. Provide three, 6' high shelving units with 25 lineal feet of shelving to accommodate typical equipment: 911 Rescue Tool, Mechanical Restraints (handcuffs, leg irons, flex-cuffs); Chemical Restraints; CPR Mask, Respirators, First Aid Kit; Gloves; Biohazard Suits. Provide open floor area to accommodate stretcher and backboard and Hazardous Materials Clean-up Cart. Requires specialized ventilation. Also used for restocking Emergency Response Storage located in the Control Center and Staff Processing Officer Station. Secure equipment and chemical agent storage.
Computer Room	100	1	100	CLETS, lockable room w/computer terminal.
Secure Mailroom	250	1	250	Lockable room. Locate near the sallyport. Staging for incoming mail bags. Sorting tables and bags/boxes for departmental and living unit mail. Staging for outgoing mail. Open floor area for UPS/overnight packages; workstation for office tech.
Drop Box	80	1	80	Contraband drop box and drug testing drop box.
Staff Toilets	50	1	50	Single occupancy; disabled accessible. Specialized ventilation.
Janitor Closet	50	1	50	Sink and shelving for cleaning supplies. Specialized ventilation.
Drinking Fountain	-	-	-	Chilled water. High-low for disabled accessibility.
Access to Control Center				
Sallyport	50	1	50	Secure sallyport to provide access to control center on upper floor. Vision panel in both doors. Disabled accessibility is not required.
Stairs	145	1	145	Footprint of stairwell between security administration and control center. Disabled accessibility is not required. Wide stairs.
Subtotal - Security Administration			2,479	

SECURITY ADMINISTRATION AND CONTROL CENTER

Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Control Center	500	1	500	Located above Security Administration. CDCR Sp Std. Secure room. Glazing on all sides, providing view of as much of the facility as possible. Locking entry door at top of stairwell, with vision panel. Operated by two staff (sergeant and officer); work counter with computer, printer, phone and data, fax. CCTV monitors, gate/door controls (as applicable). Alarm panels for off-hook phone, personal alarms, fire alarms, etc. Computers and printers for alarm systems. Site/perimeter alarm panels. Disabled accessibility is not required. Exterior walkway.
Emergency Response Storage	15	1	15	Lockable closet with shelving to accommodate 911 Rescue Tool, CPR Mask, First Aid Kit, handcuffs, flex cuffs and restraint chains.
Control Center Toilet	35	1	35	Single-occupancy. Uni-sex. Disabled accessibility is not required. Includes storage for toilet paper, paper towels and cleaning supplies.
Subtotal - Control Center			550	
Total Functional Area (NSF)			3,029	
Circulation/Efficiency Factor			757	25% for this functional area
Subtotal - Functional Area (DGSF)			3,786	
Building Grossing Factor			947	25% grossing factor for the building
Total Building Area (DGSF)			4,733	

Program Spatial Area Requirements

RECEIVING

Table 15 RECEIVING SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f)	Notes
RECEIVING				For intake, transfers, releases, out to court; out to medical.
Entry/Sallyport	60	1	60	Transfer of youth, files and property; bench to accommodate removal of restraints for arrivals and cuffing youth for departure; metal detector; provide work surface where transportation staff can complete paperwork.
Group Holding	75	1	75	Bench seating for 6 youth at 10 SF/person. Plus open floor space for one wheelchair. Dry room; incoming or outgoing.
Individual Holding (accessible)	60	1	60	Concrete bench. Disabled accessible. Toilet and lav. Good sound control.
Youth Toilet	50	1	50	Single occupancy; disabled accessible. Specialized ventilation.
Youth Shower (accessible)	45	1	45	For shower as needed. Shower and dressing area. Specialized ventilation.
Search	50	1	50	Unclothed body search; visible from processing counter but not from holding areas.
Clothing Storage/Issue Room	65	1	65	Shelving. Issue set of clothing to new arrival after search; store jumpsuits for youth going out to court; pass-through window for clothing issue.
Processing Counter/Area	150	1	150	Counter for paperwork, fingerprinting; 2 staff workstations in area behind counter; computer and phone for each station; additional phone on vertical wall on back of counter; files, property search tables; copier, fax. I.D. cards for youth will be made here.
Photo Alcove	40	1	40	Alcove by processing counter. Taking photo for youth I.D.(front, right, left, full body, tattoos, etc.); suitable background and lighting; assume digital camera; computer and printer.
Medical/Mental Health Interview	100	2	200	Enclosed room. Intake assessment: medical history, blood pressure, height/weight, temperature. Desk and chair, guest chair, scale, handwashing sink, counter and lockable storage, and computer.
General/Supply Storage	65	1	65	Secure room. Accessed from processing counter. Shelving.
Property Storage	150	1	150	Secure room. Shelving for temporary storage for items not allowed pending property sent home or disposed of. Lockable cabinet for secure storage area (youth valuables, etc.)
Staff Toilet	50	1	50	Single-occupancy. Uni-sex. Disabled accessible. Specialized ventilation. Used by R & R staff as well as Transportation staff from other jurisdictions and facility transportation staff.
Janitor Closet	50	1	50	Sink and shelving for cleaning supplies. Specialized ventilation.
Drinking Fountain	-	-	-	Chilled water. High-low for disabled accessibility.
Security Electronics Room	-	-	-	
Subtotal - Receiving (NSF)			1,110	
Circulation/Efficiency Factor			444	40% for this functional area.
Total Functional Area (DGFSF)			1,554	
Building Grossing Factor			389	25% grossing factor for the building
Total Building Area (DGFSF)			1,943	Interior building area only.
Exterior Functional Areas				
Vehicle Sallyport			Varies	See Central Sallyport.
Total Exterior Functional Area (GSF)			Varies	Exterior area only.

FACILITY ENTRY AND PROCESSING

Table 16 FACILITY ENTRANCE SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f)	Notes
Entry/Lobby	200	1	200	Public entrance to Northern California Core Treatment Facility. Provide weather covering at building entry. Waiting area with seating for 10-12 persons. Visitors to other areas of central Administration will be met in the Lobby and escorted. Sofas and chairs, end/coffee tables, plants. Natural lighting. Good visibility for receptionist to see who is arriving at the front door. Provide interactive intercom at the entry door, with the ability to lock down the lobby. Provide CCTV, monitored in Staff Processing Officer Station and NCCTF Control Center; with reception counter.
Vestibule	80	1	80	Provides access to toilets, drinking fountain and public phone.
Toilet	50	1	50	Men's and women's. Single-occupancy. Disabled accessible. Specialized ventilation.
Drinking Fountain	-	-	-	Chilled water. High-low for disabled accessibility.
Security Electronics Room	-	-	-	
Subtotal - Administration Entrance			330	
Circulation/Efficiency Factor			83	25% for this functional area
Total Functional Area (DGFSF)			413	
Building Grossing Factor			103	25% grossing factor for the building
Total Building Area (GSF)			516	

Program Spatial Area Requirements

STAFF PROCESSING

Table 17 STAFF PROCESSING SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Secure Staff Processing Areas				
Staff Entry Vestibule	100	1	100	Entry into the facility for staff and other authorized personnel. Entry door may be open during the day, key-operated, or operated by staff in the control station. Provide weather covering at entry door. Vestibule provides access to Staff Processing Sallyport. Door between entry vestibule and the control sallyport will be operated by staff in the control station.
Staff Processing Sallyport	100	1	100	Circulation area providing controlled access through the secure perimeter for all staff and official visitors. All doors in this space are controlled by staff located in the control station. Sallyport provides access to central administration (including security administration and YAC/YAAB) and to the facility yard. Provide two night-drop boxes within the sallyport.
Control Station	100	1	100	Controls staff access into and out of the secure perimeter of the facility. Operates all doors in the staff processing sallyport. May also control doors at the public lobby and staff entry vestibule at all times, or during specific workshifts. Staff must have unobstructed view of the staff entry vestibule and the staff processing sallyport. Officer station accommodates up to two staff. Manages staff processing, and key and chemical distribution. Two computers and printer, phone and data, fax. Door controls.
Processing/ID Counter	30	1	30	Part of officer station functions. Accessed from inside processing sallyport. ID card reader for facility staff. Pass-through window and counter for authorized personnel/official visitor sign-in and pass distribution.
Key Distribution	30	1	30	Part of officer station functions. Key boards or carousels directly adjacent to processing window. Controlled by officer at processing counter.
Staff Toilet	35	1	35	Accessed directly from control station. Single-occupancy. Uni-sex. Locate to provide as little obstruction to control station view as possible. Disabled accessibility is not required.
Staff Support Areas				
Staff Mailboxes	120	1	120	Accessed from Staff Processing Sallyport. Mailbox slots (15" w by 9"d by 4"h) for each staff member. Large package shelves along bottom of mailbox slots. Counter for distribution material, completing paperwork, opening mail. Bulletin board for notices.

STAFF PROCESSING

Table 17 STAFF PROCESSING SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Men's Locker Room				
Lockers/Dressing	180	1	180	For custody staff use. Custody staff arrive in street clothes, change into uniforms, pick up tool belts. Grooming area with counter and mirror (20sf); specialized ventilation.
Toilet	100	1	100	Accessed from Locker room. Toilet, urinal, lavatory. Disabled accessible; specialized ventilation.
Shower Room	60	1	60	
Women's Locker Room				
Lockers/Dressing	180	1	180	For custody staff use. Custody staff arrive in street clothes, change into uniforms, pick up tool belts. Grooming area with counter and mirror (20sf); specialized ventilation.
Toilet	100	1	100	Accessed from Locker room. Two toilets, lavatory; disabled accessible; specialized ventilation.
Shower Room	60	1	60	
Security Electronics Room	-	-	-	
Subtotal - Staff Processing			1,195	
Circulation/Efficiency Factor			418	35% for this functional area
Total Functional Area (DGSF)			1,613	
Building Grossing Factor			403	25% grossing factor for the building
Total Building Area (GSF)			2,014	

Program Spatial Area Requirements

VEHICLE SALLYPORT

Table 18 VEHICLE SALLYPORT SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
Officer Station	125	1	125	Located within vehicle sallyport fencing. Includes officer work area @ 100sf, and staff toilet @ 25sf. Disabled accessibility is not required. Computer, phone and data. Secure building required. Includes weather canopy at end of building to cover metal detector in pedestrian walkway.
Subtotal - Vehicle Sallyport			125	
Circulation/Efficiency Factor			19	15% for this functional area.
Total Functional Area (DGFS)			144	
Building Grossing Factor			43	30% grossing factor for the building
Total Building Area (GSF)			185	Interior building area only.
Exterior Functional Areas				
Vehicle Sallyport			2,000	Secure, fenced area. Sized to accommodate a transportation bus, fire truck or delivery truck. Rolling gates at each end, operated by Control Center. Direct intercom from officer station to Control Center. Provide CCTV to both officer station and Control Center. One side of vehicle sallyport contains the <u>officer station</u> and the <u>pedestrian walkway</u> . The walkway (7 ft. wide) is located along one edge of the sallyport, separated from vehicle traffic by 4 ft. high fence. Passengers (other than the driver) will pass through the sallyport on foot, be identified at the officer station, pass through the metal detector, then join the vehicle after it exits the sallyport. Pedestrian gate at each end of sallyport.
Parking			2,000	Spaces for 5 vehicles, along edge of access road (not parking lot).
Total Exterior Functional Area (GSF)			4,000	Exterior area only.

FACILITY SUPPORT - PBX

Table 19 PRIVATE BRANCH EXCHANGE/COMPUTER NETWORK SPATIAL REQUIREMENTS				
Room Name/ Functional Area	Net Area (s.f.)	# of Areas	Subtotal Net Area (s.f.)	Notes
PRIVATE BRANCH EXCHANGE/NETWORK				
Private Branch Exchange	500	1	500	Secure room. Double doors with electronic Cremone bolts. Location for telecommunications racks, equipment, etc. Includes one workstation with two sets of data jacks, desk, chair and phone for staff to use when in the PBX. Not a permanently assigned workstation. Air conditioning. Fire suppression system. Locate outside the secure perimeter to allow State Telecommunications vendor to access the PBX system without entering the security perimeter. Ideally located so that entry doors can be seen by Control Center or other security post, preferable one that is posted 24 hours per day. If that is not possible, provide CCTV coverage of entry doors to the Control Center.
Computer Network Servers	200	1	200	Secure Room. Location for computer network server racks and equipment. Includes one workstation with 24 data jacks, desk, chair and phone for staff to use when in the PBX. Not a permanently assigned workstation. Air conditioning. Fire suppression system. Provide UPS system, back-up emergency power, raised floor, redundant HVAC systems. Ideal if located so that entry door can be seen by Control Center, or other security post, preferably one that is posted 24-hours per day. Provide CCTV door position indicators to Control Center.
Subtotal - PBX Exchange			700	
Circulation/Efficiency Factor			105	15% for this functional area.
Total Functional Area (DGFS)			805	
Building Grossing Factor			201	25% grossing factor for the building
Total Building Area (GSF)			1,006	

Staffing Plan

PRELIMINARY STAFFING PLAN NORTHERN CALIFORNIA CORE TREATMENT FACILITY PROGRAM						
	1st Watch 10pm-6am	2nd Watch 6am-2pm	3rd Watch 2pm-10pm	Posted Relief	Total	Comments
BTP/HIGH RISK HOUSING - 60 CAPACITY						
BTP - (24)						
Control Room (YCO)	1.0	1.0	1.0	2.4	5.4	
Youth Correctional Counselors (YCC)	-	2.0	3.0	3.0	8.0	
Case Manager	-	-	1.0	-	1.0	
Senior Youth Correctional Counselor	-	-	1.0	-	1.0	
Total - BTP HOUSING	1.0	3.0	6.0	5.4	15.4	
High Risk (36)						
Control Room (YCO)	1.0	1.0	1.0	2.4	5.4	
Youth Correctional Counselors (YCC)	-	2.0	3.0	3.0	8.0	
Case Manager	-	-	1.0	-	1.0	
Senior Youth Correctional Counselor	-	-	1.0	-	1.0	
Total - HIGH RISK HOUSING	1.0	3.0	6.0	5.4	15.4	
Shared (60)						
Treatment Team Supervisor	-	-	1.0	-	1.0	
Psychologists	-	-	1.0	-	1.0	
Teachers	-	5.0	-	-	5.0	
Teaching Assistant	-	2.0	-	-	2.0	
School Security (YCO)	-	2.0	-	0.36	2.36	
Total - SHARED	0.0	9.0	2.0	0.36	11.36	
Total - BTP/HIGH RISK HOUSING	2.0	15.0	14.0	11.16	42.16	
CORE TREATMENT - 216 TOTAL CAPACITY						
Core Treatment (2) 36 Bed Units						
Control Room (YCO)	1.0	1.0	1.0	2.4	5.4	
Housing (YCO)	1.0	-	-	0.8	1.8	
Youth Correctional Counselor (YCC)	-	4.0	6.0	6.0	16.0	
Youth Correctional Counselor (YCC)	-	2.0	-	0.36	2.36	Sat/Sun Only
Senior Youth Correctional Counselor	-	-	2.0	-	2.0	
Case Manager	-	-	2.0	-	2.0	
Treatment Team Supervisor	-	-	1.0	-	1.0	
Psychologists	-	-	1.0	-	1.0	
Re-Entry Specialist	-	-	1.0	-	1.0	
Subtotal - Core Treatment Housing (CTH)	2.0	7.0	14.0	9.56	32.56	
Total - CTH (72 Capacity) x 3 Buildings	6.0	21.0	42.0	28.7	97.68	
TOTAL - HOUSING AREA	8.0	36.0	56.0	39.8	139.84	
PROGRAMS AND SERVICES						
School Administration						
Principal	-	1.0	-	-	1.0	
Office Technician	-	1.0	-	-	1.0	
Asst. Principal-Academic	-	1.0	-	-	1.0	
Asst. Principal-Vocational	-	1.0	-	-	1.0	
Office Technician/Receptionist	-	1.0	-	-	1.0	
LAN Info System Manager/SISA	-	1.0	-	-	1.0	
Attendance Coordinator	-	1.0	-	-	1.0	
School Scheduler/Counselor	-	1.0	-	-	1.0	
Special Education Coordinator	-	1.0	-	-	1.0	
Registrar	-	1.0	-	-	1.0	
Education Specialists						
Resource Specialist-Spec. Educ	-	1.0	-	-	1.0	
Voc Ed Testing/Counseling Specialist	-	1.0	-	-	1.0	
School Psychologist	-	1.0	-	-	1.0	
Language, Speech, Hearing Specialist	-	1.0	-	-	1.0	
Teacher, Emotional/Learning Handicap (Special Day Class)	-	1.0	-	-	1.0	
Academic Teachers (ESEA, Social Science (1), Science, Math, English/Language, Fine Arts, ELD, Behavior Mgt, GED, and Mentor Teacher)	-	10.0	-	0.0	10.0	
Vocational Teachers (Auto Repair, Gen Bldg Mnt, Computer & Bus Ed/Off Svc, Landscape, Welding)	-	4.0	-	-	4.0	
Teaching Assistant	-	5.0	-	-	5.0	
Librarian	-	1.0	-	-	1.0	

PRELIMINARY STAFFING PLAN (continued) NORTHERN CALIFORNIA CORE TREATMENT FACILITY PROGRAM						
	1st Watch 10pm-6am	2nd Watch 6am-2pm	3rd Watch 2pm-10pm	Posted Relief	Total	Comments
School Security						
Central School YCO	-	2.0	-	0.36	2.36	post relief 1.18
Vocational School YCO	-	1.0	-	0.18	1.18	post relief 1.18
Physical Education/Recreation						
Teacher, High School Physical Education	-	1.0	-	-	1.00	
Subtotal - Education	0.00	39.0	0.0	0.54	39.54	
Food Services						
Food Service Worker	-	1.0	1.0	1.2	3.2	
Subtotal - Food Services	0.00	1.0	1.0	1.2	3.2	
Health Services Clinic						
Physician	-	0.5	-	-	0.5	
Senior Psychologist (Supervisor)	-	1.0	-	-	1.0	
Psychiatrist	-	0.5	-	-	0.5	
Registered Nurse	-	2.0	2.0	2.6	6.6	7 days/2 shifts (1.64 post relief)
Health Records Technician	-	1.0	-	-	1.0	
Office Technician	-	1.0	-	-	1.0	
Dentist	-	0.5	-	-	0.5	
Dental Hygienist	-	0.5	-	-	0.5	
Health Services-YCO	0.0	1.0	0.0	0.18	1.18	post relief 1.18
Subtotal - Health Services	0.0	8.0	2.0	2.78	12.78	
Visitor Control/Processing						
Visiting Control Officer (YCO)	-	3.0	-	0.54	3.54	2 days per week, Sat/Sun = 2 full time positions
Office Technician Typing (Receptionist for visiting Sat/Sun)	-	1.0	-	-	1.0	
Subtotal - Visitor Control/Processing	0.00	4.0	0.0	0.54	4.54	
Religious Programs						
Chaplains	-	2.0	-	-	2.0	shared by complex
Subtotal - Religious Programs	0.00	2.0	0.0	0.0	2.0	
Canteen						
Manager	-	1.0	-	-	1.0	
Barbershop						
Barber	-	0.5	-	-	0.5	
Subtotal-Canteen and Bishop	0.00	1.5	0.0	0.00	1.50	
Total - PROGRAMS & SERVICES	0.00	55.5	3.00	5.06	63.56	
ADMINISTRATION AND SECURITY						
Executive Administration						
Superintendent	-	1.0	-	-	1.0	
Executive Secretary	-	1.0	-	-	1.0	
Asst. Superintendent	-	1.0	-	-	1.0	
Program Administrator	-	1.0	-	-	1.0	
Parole Agent III	-	1.0	-	-	1.0	
Program Analyst	-	1.0	-	-	1.0	performance based coordinator
Administrative Services						
LAN Manager	-	1.0	-	-	1.0	
AGPA/Program Analyst	-	4.0	-	-	4.0	
Supervising Case Rec. Tech.	-	1.0	-	-	1.0	
Office Assistant (Switchboard)/Reception	-	1.0	-	-	1.0	
Office Tech	-	1.0	-	-	1.0	
Office Tech (Mailroom)	-	1.0	-	-	1.0	
Personnel Specialists	-	2.0	-	-	2.0	
Health and Safety Officer	-	1.0	-	-	1.0	
Office Tech-Personnel	-	1.0	-	-	1.0	
Business Office						
Property Controller	-	1.0	-	-	1.0	
Business Service Officer	-	1.0	-	-	1.0	
Associate Budget Analyst	-	1.0	-	-	1.0	
Procurement and Service Officer	-	1.0	-	-	1.0	
Other/Youth Rights						
DDMS Coord/Youth Rights/Grievance	-	1.0	-	-	1.0	
Office Tech	-	1.0	-	-	1.0	
Parole Agent II	-	1.0	-	-	1.0	
Volunteer Service Program Coordinator	-	1.0	-	-	1.0	

Staffing Plan

PRELIMINARY STAFFING PLAN (continued)						
NORTHERN CALIFORNIA CORE TREATMENT FACILITY PROGRAM						
	1st Watch 10pm-6am	2nd Watch 6am-2pm	3rd Watch 2pm-10pm	Posted Relief	Total	Comments
Gang Info Coordinator	-	1.0	-	-	1.0	
YCC/Conflict Resolution Teams	-	2.0	2.0	-	4.0	
Recreation Coordinator	-	-	1.0	-	1.0	
Security Administration & Control Center						
Chief of Security - Captain	-	1.0	-	-	1.0	shared on campus
Lieutenant/Scheduling	-	1.0	-	-	1.0	
Lieutenant/Watch Commander	1.0	1.0	1.0	2.4	5.4	
DDMS Lt. (Investigator)	-	1.0	-	-	1.0	
Sergeant (control room)	1.0	1.0	1.0	2.4	5.4	
Training Officer/Lieutenant	-	1.0	-	-	1.0	
Office Tech Typing/Clerical	-	1.0	-	-	1.0	
Youth Correctional Officer- Security Escort/Relief	3.0	3.0	3.0	7.20	16.20	
Receiving						
YCO Receiving	-	1.0	-	0.74	1.74	post relief 1.74
Subtotal - Admin. & Security Operations	5.0	41.0	8.0	12.74	66.74	
FACILITY SUPPORT						
Stationary Engineer	-	2.0	-	-	2.0	multi-disciplinary position
Subtotal - Facility Support	0.0	2.0	0.0	0.0	2.0	
FACILITY SUPPORT AND PROCESSING						
Central Administration Entrance	-	-	-	-	-	
Office Technician/Receptionist	-	-	-	-	-	
Subtotal - Central Admin. Entrance	0.0	0.0	0.0	0.0	0.0	
Vehicle Sallyport/Sallyport						
YCO Ped and Vehicle Sallyport	-	1.0	1.0	1.6	3.6	
Subtotal - Fac. Support & Processing	0.0	1.0	1.0	1.6	3.6	
SUMMARY OF PRELIMINARY STAFFING PLAN						
BTP/High Risk Housing	2.00	15.00	14.00	11.16	42.16	
Core Treatment Housing	6.00	21.00	42.00	28.68	97.68	
Programs and Services	0.00	55.5	3.00	5.06	63.56	
Administration and Security	5.00	41.00	8.00	12.74	66.74	
Facility Support	0.00	2.00	0.00	0.00	2.00	
Facility Support & Processing	0.00	1.00	1.00	1.60	3.60	
Total - Staffing Plan	13.00	135.50	68.00	59.24	275.74	

DESIGN



FACILITY DESIGN NARRATIVE

FACILITY DESIGN

The proposed NCCTF is designed for the existing DeWitt Nelson site at the Northern California Youth Correctional Center. The existing site encompasses an area of approximately 40 acres.

FACILITY DESIGN VISION

The overarching design vision for the NCCTF is creation of the following:

Facility image that conveys respect and professionalism in a normative, non-institutional setting, a physical environment that is supportive of treatment goals and activities, and living and working environment that is secure and safe.

FACILITY DESIGN GOAL & OBJECTIVES

FACILITY DESIGN GOAL

The built-environment envisioned for NCCTF is one that is conducive to enhanced treatment practices and will encourage resident cooperation and participation in treatment activities at all times, in both housing and facility and site program areas. This setting will ideally minimize perceptions of overt restriction and confinement that contribute to destructive and aggressive behaviors. The primary design goal for creating an appropriate built-environment for youthful offenders who are placed at NCCTF is:

To provide an environment that is conducive to treatment, skills development and an increased level of personal responsibility and accountability, while at the same time, maintaining a safe and secure environment that is responsive to the needs of youth, staff, and the public.

FACILITY DESIGN OBJECTIVES

The primary design objectives of the NCCTF are:

To create a supportive treatment environment, to provide a secure environment, and to implement sustainable design concepts.

Supportive Treatment Environment

The facility design should incorporate, among others, the following design features:

- Varied scale of buildings and their component parts, including plan configuration of interior and exterior spaces, interior spatial variety, and exterior building nomenclature;

- Extensive use of natural light in housing, program, and other areas as appropriate;
- Views to the outside in all areas, with controlled access as appropriate for a range of activities;
- Use of varied colors throughout to minimize the drab consistency associated with many institutional settings;
- Use of a variety of textures and finishes (walls, ceilings, flooring) appropriate to changing functions and to minimize institutional monotony;
- Spatial organization, furnishings, and fixtures that permit flexibility in response to programmatic and operational changes in both the long and short term.

Secure Environment

The facility design should incorporate, among others, the use of architectural design elements to support other security measures such as policies, procedures, and schedules; indirect (electronic) supervision/surveillance; and direct personal interaction between staff and youth. Physical design features would include, among other possible features, the following design considerations:

- Security depends primarily on the ability of staff to observe and manage youth safely. Elimination of blind spots and provision for surveillance capability into all youth-occupied areas is mandatory while maintaining an appropriate rehabilitative environment. Avoidance of narrowly designed corridors and tight spaces that cause bottlenecks or provide opportunities for inappropriate behavior is also of primary importance;
- Design of distinctive zones that allow staff to secure certain appropriate areas when they are not in use or to restrict movement within a living unit or treatment program without locking down the entire facility is advisable;
- Design of a facility that provides suitable measures to monitor youth movement and restrict youth access to areas appropriate for their use and to enhance staff safety. These may include staff surveillance points, door control systems, electronic security and personal duress alarm systems, security hardware, lighting, communication systems, CCTV (closed circuit television), etc.;
- Provision for a secure perimeter to protect youth and staff from unauthorized intruders and to protect the public from youth escapes;
- Although some buildings (Visiting Center, Hearings Center, Security Administration, and Staff Support,) will be directly incorporated into the security perimeter, other buildings are kept at least 50 feet away from the perimeter security fence to maintain an adequate boundary along the secure perimeter;
- Provide perimeter patrol roads inside and outside the secure perimeter wherever appropriate to ensure adequate access and observation by patrol vehicles, security staff, and emergency vehicles.

Sustainable Design

The State of California's Green Building Order challenges State government to demonstrate leadership by becoming a model of energy and resource efficiency in planning and developing state-owned buildings. The Green Building Order directs that future construction and renovation projects larger than 10,000 square feet meet LEED-New Construction Silver criteria in order to assure their energy and environmental performance. This mandate shall be incorporated into the new NCCTF campus with the potential of one or more select buildings to be designed to achieve a higher LEED designation.

SITE PLANNING

A variety of pedestrian and vehicular traffic will occur with NCCTF. To the extent possible, pedestrian and vehicle circulation paths should be kept separate. Where that is not possible, the site design should ensure that security, control, and safety can be maintained.

Pedestrians will enter the secure perimeter in one of two ways. Staff and official visitors (those having official business at the facility) will enter through designated staff and official processing areas. Youth families and volunteer groups will enter through visitor processing located in the Visitor Center.

All vehicles will enter the facility through the vehicle sallyport. For the most part, vehicles entering the secure perimeter will be limited to those owned by NCCTF or NCYCC, including security, plant operations, warehousing, food services, etc. Vehicles transporting youth will generally belong to DJJ, but may also include those from counties or law enforcement agencies on occasion. Privately owned vehicles will rarely enter the secure perimeter. These will typically be limited to vendors providing specific services or maintenance, such as biohazard waste pick-up, communication system repairs, or similar activities.

The site design will address the following parameters:

- Access to all buildings for security vehicles, emergency response vehicles (fire trucks and ambulances), garbage trucks and small plant operations vehicles.
- Access for food transportation delivery vehicles to the re-therm kitchen inside the secure perimeter.
- Access, parking and turn-around capabilities for transportation busses, vans, and cars at Receiving.
- Access for institution warehouse delivery trucks to the service yard inside the security perimeter for deliveries to the canteen, storage, and vocational programs.
- Limit security perimeter penetrations of the NCCTF campus to three sallyports: Staff entry sallyport, visitor entry sallyport, and vehicle sallyport.

- Position the Control Center for optimum visual surveillance of areas within the secure perimeter.
- Consider optimal physical proximity relationships in located facility housing and program and service components.
- Separate internal vehicular and pedestrian traffic where possible.
- Use landscape elements that enhance the exterior environment and do not compromise safety and security concerns.
- Design facility to achieve LEED Silver or higher certification.

BUILDING PLANNING

Building planning should address the following:

- When intended to become part of secure perimeter, design buildings to prevent escape.
- Design facility buildings that are architecturally cohesive.
- Design buildings that support treatment goals, programs, and services.
- Design housing units in response to designated risk classifications.

SITE DESIGN

SITE DESIGN PROCESS

The Site Design Process consisted of regulations research, examination of existing conditions, preparation of site options, refinements of the preferred site option, and preparation of a final site design concept. The development process in creating site options was an iterative one that initially involved the development of a number of distinct site layouts using “generic” building footprints based upon square footages provided in the architectural space plan.

A series of meetings were held with the Design and CDCR’s Teams in which the advantage and disadvantages of the design options were discussed. This process resulted in the collective team’s agreement on one preferred site concept. It is expected that as finite site and facility planning continue, minor adjustments to the preferred site concept will occur, albeit with Owner involvement, directives, and approval.

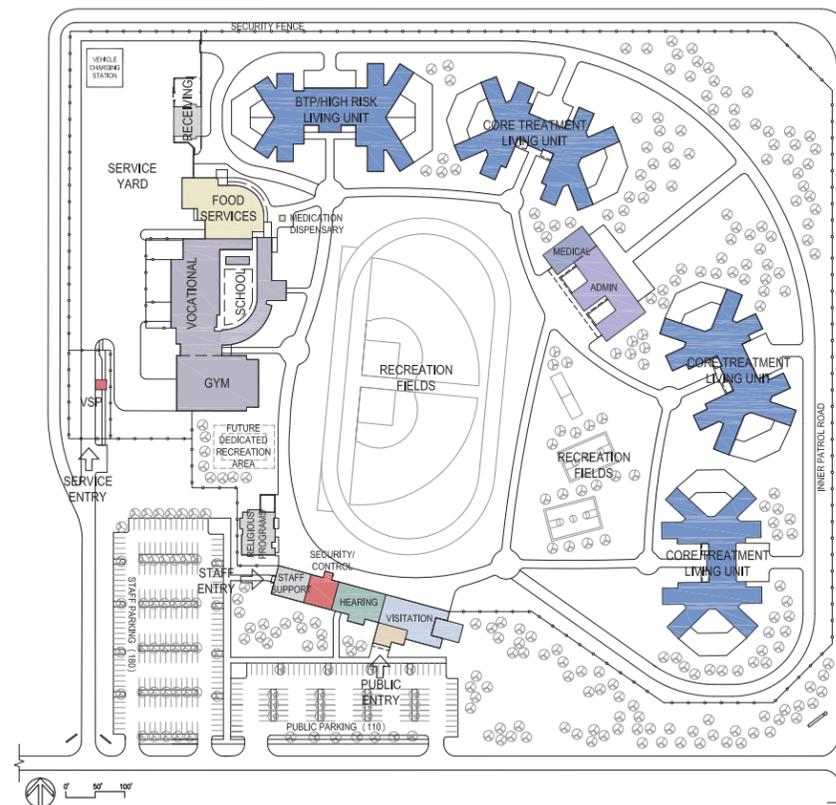
SITE DESIGN COMPONENTS

The NCCTF site design incorporates the following general components into the overall master plan concept:

- Security Perimeter
- Vehicular Arrival, Circulation, and Parking
- Vehicle Sallyport
- Service Access
- Pedestrian Circulation
- Buildings
- Outdoor Recreation
- Landscape and Open Space

SITE DESIGN CONCEPT

The proposed site design concept for NCCTF is encompassed within the boundaries of the 40-acre DeWitt Nelson site that is approximately square in geometry. A perimeter road surrounds the entire site. Within the secure perimeter system the NCCTF campus is organized into functional zones with housing on the north and east portions, service functions along the west section and visitor/security/staff components to the south. Recreation fields occupy the heart of the campus introducing a valuable element of open space. Also, the Administration/Medical Services Building is strategically located near youth housing. Central Control is located to provide unobstructed views to all major building entrances and recreation fields.



Security Perimeter

The security perimeter consists of a security fence system around the entire site inside the boundary road. The security perimeter also includes the vehicle sallyport. The combined Visitor Center/Security Administration/Hearing/Staff Support Building in the southwest corner of NCCTF functions as an integral element of the secure perimeter.

Vehicular Arrival, Circulation, and Parking

Vehicular circulation system consists of a network of roads outside and within the NCCTF security perimeter. Outside the secure perimeter, visitors and staff arrive at the NCCTF site at the southwest corner and

proceed to their respective parking areas. Visitor parking of 110 spaces is located adjacent to the south perimeter road. NCCTF staff has access to 180 parking spaces in a separate parking area situated along the west boundary road.

A separate entrance for service vehicles is provided at the southwest corner with direct access to the vehicle sallyport. A small parking area at the Vehicle Sallyport is designed for five vehicles. Parking lots will be landscaped to provide an aesthetic environment and to satisfy security criteria. Within the security perimeter, small parking areas are dedicated for Receiving, Food Service, and Health Services.

Within the NCCTF secure perimeter, vehicular circulation consists of primary and secondary vehicle routes that connect all buildings of the facility. A 16-foot internal patrol road with an informal alignment is located inside the security perimeter fence. In most cases, pedestrians share these internal routes with service vehicles. A majority of these internal roads are designed for pedestrian circulation.

Vehicle Sallyport

The Vehicle Sallyport is one of three planned penetrations through the security perimeter. The Vehicle Sallyport includes the sallyport for all entering vehicles, a pedestrian sallyport, and officer station. All sallyport gates are operated from the Control Center. The vehicle sallyport allows vehicle access inside the secure perimeter. This includes NCYCC vehicles, outside service vendor vehicles, and emergency vehicles. The officer stationed inside sallyport building screens all entering vehicles and pedestrian visitors. A pedestrian sallyport is provided for processing vehicle passengers accompanying drivers and occasional staff using the small adjacent parking lot outside the security perimeter.

Service Access

A separate service access road is provided for delivery trucks, NYCC food delivery, maintenance vehicles, and emergency vehicles. The service road connects the Vehicle Sallyport and the perimeter boundary road system.

Pedestrian Circulation

Outside the secure perimeter, primary pedestrian circulation is limited to walkways that connect staff and public parking areas with the facility main entrance building. Visitors and staff have separate entrances and are processed separately for access to the campus interior.

Within the secure perimeter, pedestrian circulation system is designed for joint-use with service vehicles and connects to all facility housing and program buildings. The pedestrian system consists of a hierarchy of major and minor walkways for movement of youth and staff. The overall design intent is to provide an informal movement system that

contributes to an environment that is appealing and non-institutional in character. Walkways are sized for the volume of anticipated foot traffic and for efficient and safe movement of pedestrians and vehicles about the grounds.

Buildings

The NCCTF campus consists of nine buildings enclosing a total gross area of 186,977 square feet. A majority of the campus buildings combine several facility functions. Facility buildings are allocated among four major use categories: 1) Housing Units & Exercise Yards, 2) Program & Services, 3) Administration, and 4) Support Buildings.

1. BTP/High Risk Living Units
2. Core Treatment Living Units
3. Visiting Center, Security Administration/Control Center, Hearing Center, & Staff Support
4. Administration & Health/Dental Satellite Services
5. Physical Education/Recreation, Academic/Vocational School, & Food Services Satellite
6. Religious Programs
7. Receiving-Release Services
8. Satellite Medications Dispensary
9. Vehicular Sallyport Officers Station

Buildings are distributed throughout the grounds according functional relationships and circulation requirements. Site locations of buildings also are intended to contribute to an overall aesthetic result. Buildings are sited to create visual and physical barriers and to enclose outdoor spaces.

The Visitor Center/Security Administration/Hearing/Staff Support Building, as stated above, straddles the secure perimeter with most internal functions also being with the security perimeter. All other buildings are within the secure perimeter.

Outdoor Recreation

In support of the physical education program, outdoor recreation spaces are provided for active and quiet activities to be used by several groups of youths at the same time. These areas are specific to the housing communities and at other selected areas throughout the campus as appropriate. Active recreational activities are court games such as basketball, badminton, handball, and volleyball and field games such as football, soccer, and softball. Outdoor areas are also set aside for quiet activities such as board games and other "small group" pastimes.

Landscape and Open Space

Topography and Landforms:

The NCCTF site is considered a flat tract with little variation in topography. In order to provide diversity and interest to the setting within the main grounds, small variations in topography are envisioned at specific areas. Utilization of minor earth berming, drainage swales, and other topographic treatments serve to promote zoning of "districts" within the campus, as well as promote a "pride of place" among its residents, staff, visitors, and other users.

Plant Materials:

Within the new facility development, plant materials used in the design of the new landscape will be native to the region to minimize maintenance demands. The facility grounds will be designed to create a pleasing outdoor environment throughout the year. Plants will be selected to introduce a variety of form, texture, and color.

Hardscape:

Site hardscape consists of all hard-surfaced roads, walks, plazas, and patios. Hardscape areas will be designed as either permeable or impermeable to precipitation depending on specific objective and condition. Construction material choices will be made with regard to creating a functional and aesthetic result. It is envisioned that different materials and/or textural treatments will be used to help define uses of various hardscape areas.

Open Space:

To counter the presence of buildings and structures, outdoor open space is incorporated into the site design to create visual and physical relief. A hierarchy of exterior spaces is designed into the facility grounds. A number of outdoor areas are created within the housing clusters to provide smaller scaled outdoor spaces of special character. Sports activity areas on the grounds are both functional as well as aesthetic in contributing to spaciousness across the grounds.

ARCHITECTURAL DESIGN NARRATIVE

GENERAL

The facility's operational criteria have produced a range of building designs that vary in layout, size, form, and material systems. Specific functional needs for each building program allow for design diversity within the overall collection of buildings. Visual unity among the buildings is achieved with a palette of building materials and colors that are

incorporated into all buildings. The building materials consist of brick and concrete masonry, metal panel, and glass. Roofing material includes both sloped standing seam metal and flat membrane roof systems.

Building form and exterior appearance are influenced by interior functional needs and overall aesthetic considerations. Building heights are derived from spatial criteria and vary from smaller scaled buildings such as youth living units to buildings with greater height such as Physical Education. All buildings are single story, except Security Administration that has the Campus Central Control located on the second floor. No buildings have below grade spaces.

The design of the living units embodies the NCCTF treatment continuum for youth that provides different levels of amenities and housing types for various youth "risk" levels. BTP and high risk housing design is reflective of the more restrictive treatment program and provides fewer architectural and site amenities within the built environment. Core Treatment living units are reflective of more freedom within their programs and more physical amenities in and around the living units.

Consistent with the DJJ reform and rehabilitation model of small treatment-oriented living units, all of the living units will range in size from 24 to 36 beds. The options include single rooms and double rooms. All living units also include space for both group and individual treatment activities in addition to the typical sleeping and dayroom areas. The BTP youth have most all of their programs and services delivered to the living units rather than moving to the programs and services used by the other youth.

In keeping with the concept of de-institutionalizing the facility, multiple smaller scaled buildings reflective of residential communities have been organized around a central outdoor activity space. The campus design concept is reminiscent of many colleges that create a campus environment supporting student learning by the integration and use of exterior activity spaces with appropriately scaled buildings. The college campus environment is envisioned and recommended for the new youth treatment facility. In an effort to manage capital expense associated with this project, many buildings contain multiple program elements of the overall program. However, the buildings that accommodate the multiple programs have been carefully designed to preserve the scale and architecture appropriate for the youth campus.

BUILDINGS

The NCCTF building components are described and illustrated with accompanying drawings to explain individual architectural concepts. The architecture of NCCTF includes the following building components:

- BTP/High Risk (For Institution Violence) Living Unit
- Core Treatment Living Units
- Facility Entry & Processing/Security Administration & Control Center/Staff Processing/Visiting Processing/Hearing Center
- Executive-Program Administration/Health-Dental Services
- Academic-Vocational School/Physical Education & Recreation/Food Services/Canteen
- Religious Programs
- Receiving
- Vehicle Sallyport & Officer Station

BTP / HIGH RISK (FOR INSTITUTION VIOLENCE) LIVING UNIT

In floor plan, the BTP / High Risk (For Institution Violence) Living Unit is organized into four major building zones: BTP living units, High Risk (For Institution Violence) living units, professional offices and support spaces, and academic classrooms. Daylighting and outside views are provided with windows in sleeping rooms, group rooms, and corridors. Daylighting of the dayroom/library makes use of skylights. Interior re-lites at classrooms, secure yards, and other locations borrow outside light and views for inner spaces. A secure outdoor recreation yard with a high wall is configured at the rear of the unit for youth exercise and treatment.

One 24-bed living unit accommodates NCCTF youth who require temporary behavioral treatment programming. The two living units are collocated within a single building. Each living unit contains separate sleeping areas that are divided into two groups of six single-user sleeping rooms along with a shared common group room, showers, dayroom, library area, unit control station, and support functions. A small recreational yard is accessible from each dayroom. Shared support that is located within the building include spaces for treatment programs, education, health services satellite, and building support.

One 36-bed housing buildings accommodate high-risk youth. Each 18-bed living unit has separate sleeping areas of single user sleeping rooms and living areas with a common dayroom, library area, and support spaces. Supervision of living and sleeping areas is performed from a unit control station. A small recreational yard is accessible from each dayroom. Each pair of living units shares a range of support services. These include treatment rooms, professional offices, health services, and a range of support spaces.

The BTP/High Risk (For Institution Violence) Living Unit is sited in the northwest corner of the site. Given the nature of its treatment program and limited amenities, this remote location is appropriate and is close to receiving which minimizes intake distance for the higher risk youth. Primary site access is from the main campus path.

The BTP/High Risk (For Institution Violence) Living unit is intended to be residential in character as part of the effort to de-institutionalize the campus. Low pitched roofs, with skylights along the eaves over high volume spaces, maintains a low residential profile, while still accommodating the variety of spaces inside. The pitched roof also serves to create a mechanical screen for rooftop equipment. Primary exterior building materials are brick and concrete masonry, metal wall panels, and standing seam metal roof.

CORE TREATMENT LIVING UNITS

Three 72-bed buildings house high, medium, and low risk youth. Each building contains two 36-bed living units. Aside from minor differences, the general program requirements and design concept for Core Treatment Living Units are virtually identical to the BTP/High Risk Living Unit.

FACILITY ENTRY & PROCESSING / SECURITY ADMINISTRATION & CONTROL CENTER / STAFF PROCESSING / VISITING CENTER & PROCESSING / HEARING CENTER BUILDING

This main entry building contains the facility access points for visitors and staff, as well as a variety of core facility and support functions.

Facility and Entry Processing: The main public entry into the facility is located in this building facing the public parking area. This building piece contains an entry vestibule, public restrooms, lockers, public waiting, as well as a control station, reception, and visitor screening.

Security Administration and Control Center: Security Administration and Control Center functions as the headquarters for security operations throughout NCCTF. Operational spaces include private offices and clerical workspace, small conference room, security electronics room, and associated support spaces. The Control Center is located above Security Administration and is accessible through a secure sallyport and stair within the Security Administration suite.

Staff Processing: Staff entry and processing occurs at this location. Staff is processed through security and can then move to other secure areas within this building as well as into the youth campus.

Support Administration: Support administrative services operation located at the facility entrance has two functional components: Juvenile Parole Board (JPB) and Juvenile Justice Administrative Committee (JJAC) Hearing Center, and Administrative Support and Mailroom. JPB/JJAC Hearing Center provides space for youth hearings that include two board hearing rooms, interview rooms, youth holding/waiting, waiting rooms for victims, families, and attorneys, and support spaces.

Visiting Center: The Visiting Center accommodates visiting between youth and family and approved visitors. Visiting Processing, located outside the

secure perimeter functions in conjunction with the Visiting Center. Youth Processing is located within the security perimeter immediately accessible from the youth campus. Major components for the Visiting Center include general contact visiting area with support activity areas; a range of small contact visiting rooms; non-contact visiting rooms; visiting officer station; and various support spaces. An outdoor yard provides additional visiting space as well as a fire refuge court. Visitor Processing functions include visitor reception lobby; visitor processing and search room; entry and exist sallyports; central control room; volunteer access; and support spaces. Youth Processing includes youth processing and waiting, search room, along with support areas.

This multi-purpose building is located at a corner of the site with access directly from staff and visitor parking lots. Main entrances for processing visitors, visiting officials, and staff are located off of landscaped arrival areas. The building is also designed to function as part of the security perimeter. The Control Center is strategically positioned on the second floor for security/surveillance operations. Penetrations in the security perimeter are controlled at several sallyports within the building.

Building form reflects internal plan organization and function. A curved roof form is designed for the two-story control center. In the Visiting Center, a large pitched roofed volume with skylights highlight the interior general visiting area. Large expanses of glass are strategically used at reception lobbies and the control center. Primary building materials for exterior walls are brick and concrete masonry, cement plaster, and metal panels. Roofs use a standing-seam metal panel system.

EXECUTIVE-PROGRAM ADMINISTRATION / HEALTH-DENTAL SERVICES

This centrally located building contains executive, program, and business office components of administration, as well as health and dental services for youth. The central location embeds select administration functions and key youth services at the heart of the campus further de-institutionalizing the facility and locating important management, services, and support close to living units.

Executive Administration: Executive Administration consists of the executive suite with offices of the Superintendent, Assistant Superintendent, Secretary, offices of other officials, executive conference room, and support spaces. The Executive Conference Room will serve as the Emergency Operations Center during any incident at the facility.

Program Administration: Sited within the security perimeter, the Program Administration includes the administrative operations that require frequent contact with youth and other staff. The Programs Office and the Youth Rights Suite include private and open offices, a shared conference room, interview room, and additional support spaces.

Health Services provides clinic services to NCCTF youth. These services include medical and mental health screening, assessment and evaluation, medication distribution, and dental treatment. Major clinic spaces for medical treatment are youth entry and waiting, nurse's station, exam rooms, observation room, and medical/pill call. Major dental treatment spaces involve operatory, sterilization, dental lab, and dentist office. A range of support spaces include professional offices, conference room, medical records, staff lockers, among others.

The building's entrance façade is designed to emphasize the central executive wing of the building by giving this element greater height than the balance of the building. Roof forms consist of a combination of flat and pitched roofs that articulate individual plan areas. Exterior wall building materials include brick and concrete masonry and metal panels. Pitched roofs are covered with a standing-seam metal panel system.

ACADEMIC-VOCATIONAL SCHOOL / PHYSICAL EDUCATION & RECREATION / FOOD SERVICES / CANTEEN

The largest multi-purpose building in the facility combines the majority of Youth Service functions in a centrally located building easily accessible from living units, staff areas, and service yard.

Academic-Vocational School: Within the academic school building, major functions are entry lobby and security office, academic classrooms, behavior management classroom, library, media center, education administration offices, a special day/resource classroom, security office, and a range of school support areas. The Vocational Education program provides vocational training classes in automotive detailing, general maintenance, business education/office services, janitorial, landscape, and welding. Metal detection is provided at youth access point into vocational area to maintain a secure environment. Training classrooms are located along a linear corridor. Dedicated service yards are designed in connection with the classrooms on the building's west side.

Physical Education and Recreational Services: Centralized indoor and outdoor recreation programs are provided to youths as part of their curriculum, treatment, and leisure activity. Indoor recreation spaces are provided in a central gymnasium. The gymnasium is also used as a multipurpose space for a variety of non-recreational uses that require a large indoor space. The indoor ball court with seating occupies the central plan area with program and support space flanking each end. Outdoor recreation is distributed throughout the campus.

Food Services: The Food Services operation provides meal service on a scheduled basis. NCCTF will operate a satellite retherm kitchen at NCCTF to prepare and deliver or distribute meals to youth. Major spaces include serving lines and dining, food preparation kitchen, staff office, receiving and loading, and kitchen support spaces.

Canteen: Canteen Storage and Distribution operation. Major components include: Covered waiting area; distribution area and storage; manager's office; secure storage; clothing storage; receiving and loading areas; and associated support spaces.

The Food Service, Dining, and Canteen Facility is easily accessible from the main walkway by youth coming for dining. Food Service dining areas are designed along the building's curved perimeter wall with large expanses of glass providing daylight into dining and views to outdoor areas. Two separate serving lines allow for efficient, orderly meal service. Service access is provided from the adjacent Service Yard. A stand-alone medication dispensing kiosk is located adjacent to this to provide medication to youths before or after meals as required.

Building form is expressive of a one-story building with a combination of flat, pitched roof, and curved elements and expressive of interior functions with the largest volume containing the ball courts. A barrel-vaulted curved roof is designed over the ball courts portion of the plan. Windows are sized and positioned to provide daylight, views, and visual relief and interest. Exterior wall building materials include brick and concrete masonry and metal panels. Pitched roofs are covered with a standing-seam metal panel system. Service yards are enclosed with chain link fencing.

RELIGIOUS PROGRAMS

NCCTF Spiritual-Cultural Center provides services, programs, and activities to all interested youth throughout the week. Religious programming occurs in both indoor and outdoor spaces. Indoor spaces include an interfaith multipurpose room, chaplain offices, and a variety of support areas. Outdoor functions include provisions for a Native American structure for smudge and sweat lodge activities.

The Spiritual-Cultural Center is sited in close proximity of the Visiting Center to provide convenient access by volunteers and visiting groups. The Center's main entrance is located a short distance from the main circulation route to the other campus areas, but remote from a majority of other youth programs and activities. The Center is envisioned as a unique building that is expressive of the spiritual element of youth treatment.

The floor plan geometry of the chapel and multipurpose room is intended to create an interior space and personal experience that is different from others within the overall facility. Selective use of window glass in walls and skylights amplifies the interior experience. The sweat lodge area is designed with a fence enclosure for the sweat lodge and wood storage area. The sweat lodge structure itself will be built by youth after the facility is occupied.

Building form expresses the unique functions of the religious programs building with its high steep-sloped roof. Generous use of glazing in the interfaith multi-purpose room also identifies the building as a special part of the facility. Exterior wall building materials are brick and concrete masonry. The pitched roofs are designed with a standing-seam metal panel system.

RECEIVING BUILDING

Receiving is the point of arrival and departure for youth at NCCTF. Youth processing includes the following components: Vehicle sallyport, turnaround, and parking, holding and search areas, processing area and staff workstations, interview and exam rooms, property storage, and associated support areas.

The building is accessible after processing through the Vehicle Sallyport. At the building's west end, a drive-through vehicle sallyport enclosed with screening walls is designed as secure area for youth arriving at the site. A screened outside yard at the building's east end is designed for vehicles picking up youth after receiving processing and for drop off of youth for release processing.

Building form expresses a simple rectangular single story building. Roof form is a single-slope pitched roof over the main building and the vehicle sallyport. Exterior wall building materials include brick masonry, concrete masonry, and metal panels.

VEHICLE SALLYPORT

The Vehicle Sallyport is one of the three security penetrations that provide a secured access for all authorized vehicles and personnel into the security perimeter. The Vehicle Sallyport includes the sallyport for vehicles, a pedestrian sallyport, the officer station, and a small parking area for five vehicles.

The Vehicle Sallyport is located at the site boundary linking the Service Access Drive and the Service Yard. Security fencing and gate system creates a secure enclosure. The Officer Station is positioned to process vehicles and pedestrians moving into and out of the secured site. The Officer Station contains an officer work area and staff toilet and is designed as a simple structure with observation/communication windows and a single-slope pitched roof. Exterior materials are brick and concrete masonry walls and standing-seam metal panel system.

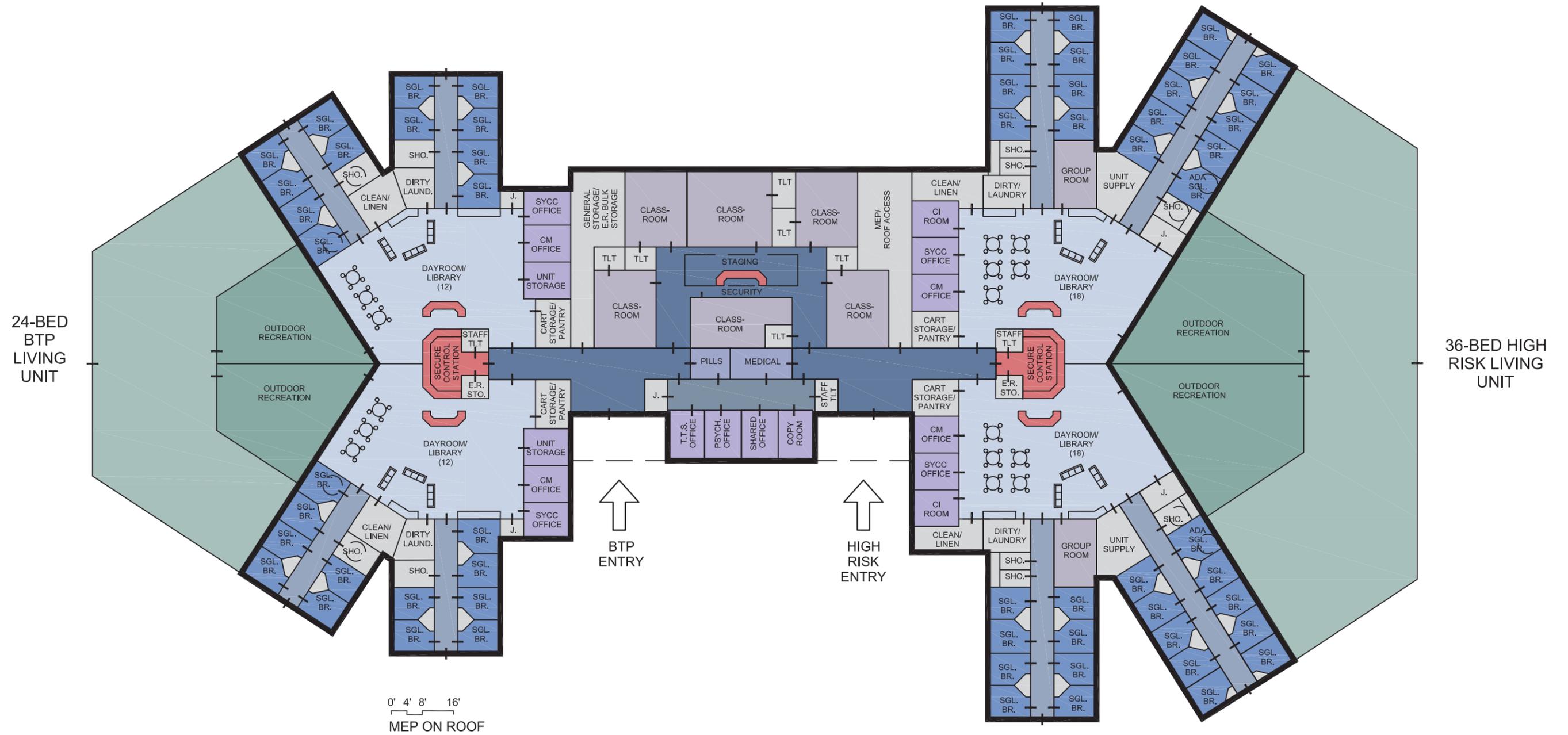
Conceptual Building Plans and Elevations

24-BED BTP/36-BED HIGH RISK HOUSING ELEVATION



Conceptual Building Plans and Elevations

24-BED BTP/36-BED HIGH RISK HOUSING PLAN



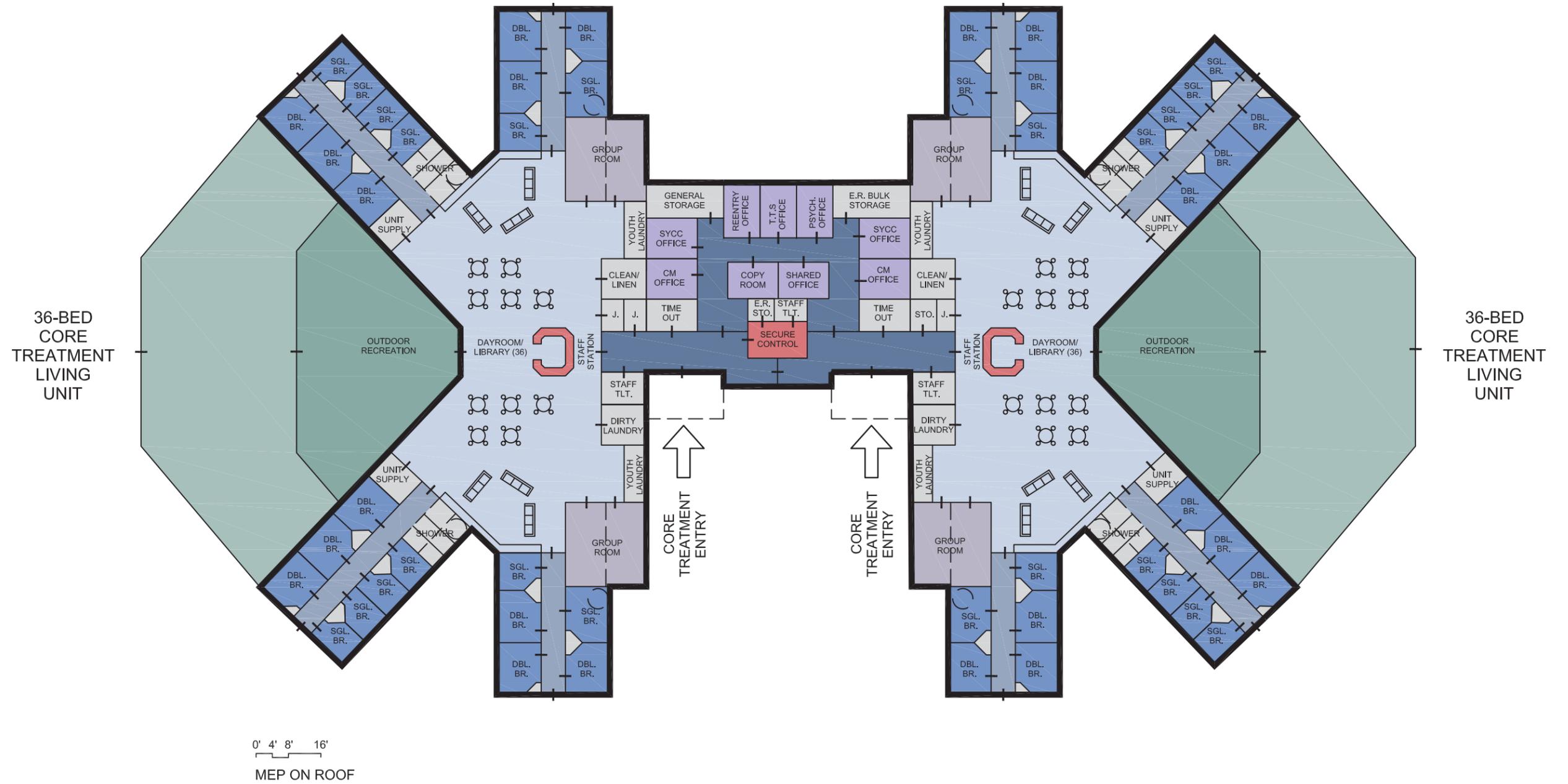
Conceptual Building Plans and Elevations

72-BED CORE TREATMENT HOUSING ELEVATION



Conceptual Building Plans and Elevations

72-BED CORE TREATMENT HOUSING PLAN



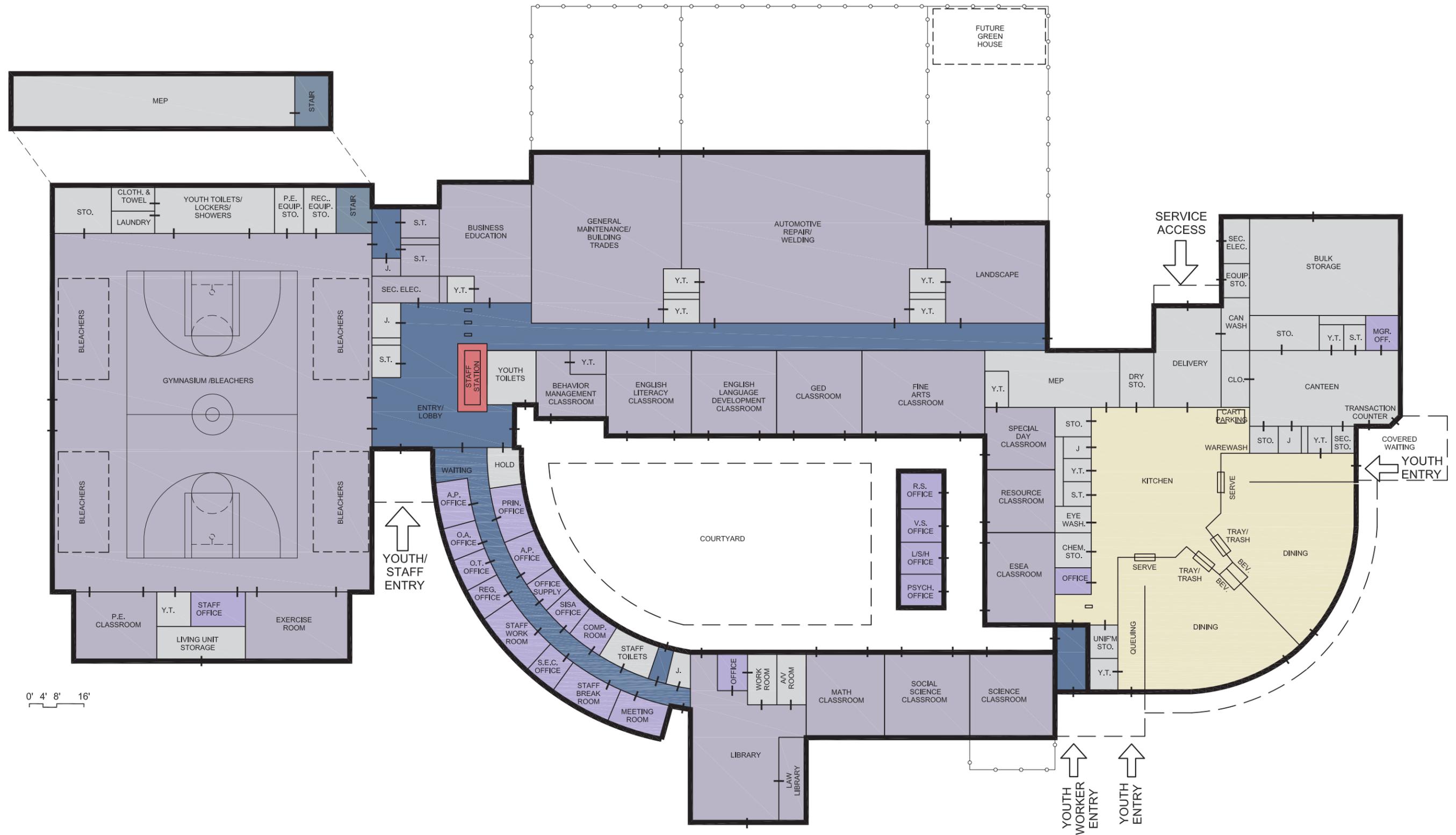
Conceptual Building Plans and Elevations

ACADEMIC-VOCATIONAL SCHOOL / PHYSICAL EDUCATION & RECREATION / FOOD SERVICES / CANTEEN ELEVATION



Conceptual Building Plans and Elevations

ACADEMIC-VOCATIONAL SCHOOL / PHYSICAL EDUCATION & RECREATION / FOOD SERVICES / CANTEEN PLAN



Conceptual Building Plans and Elevations

EXECUTIVE-PROGRAM ADMINISTRATION / HEALTH-DENTAL SERVICES ELEVATION



Conceptual Building Plans and Elevations

*FACILITY ENTRY & PROCESSING / SECURITY ADMINISTRATION & CONTROL CENTER / STAFF PROCESSING / VISITING CENTER & PROCESSING / HEARING CENTER
ELEVATION*



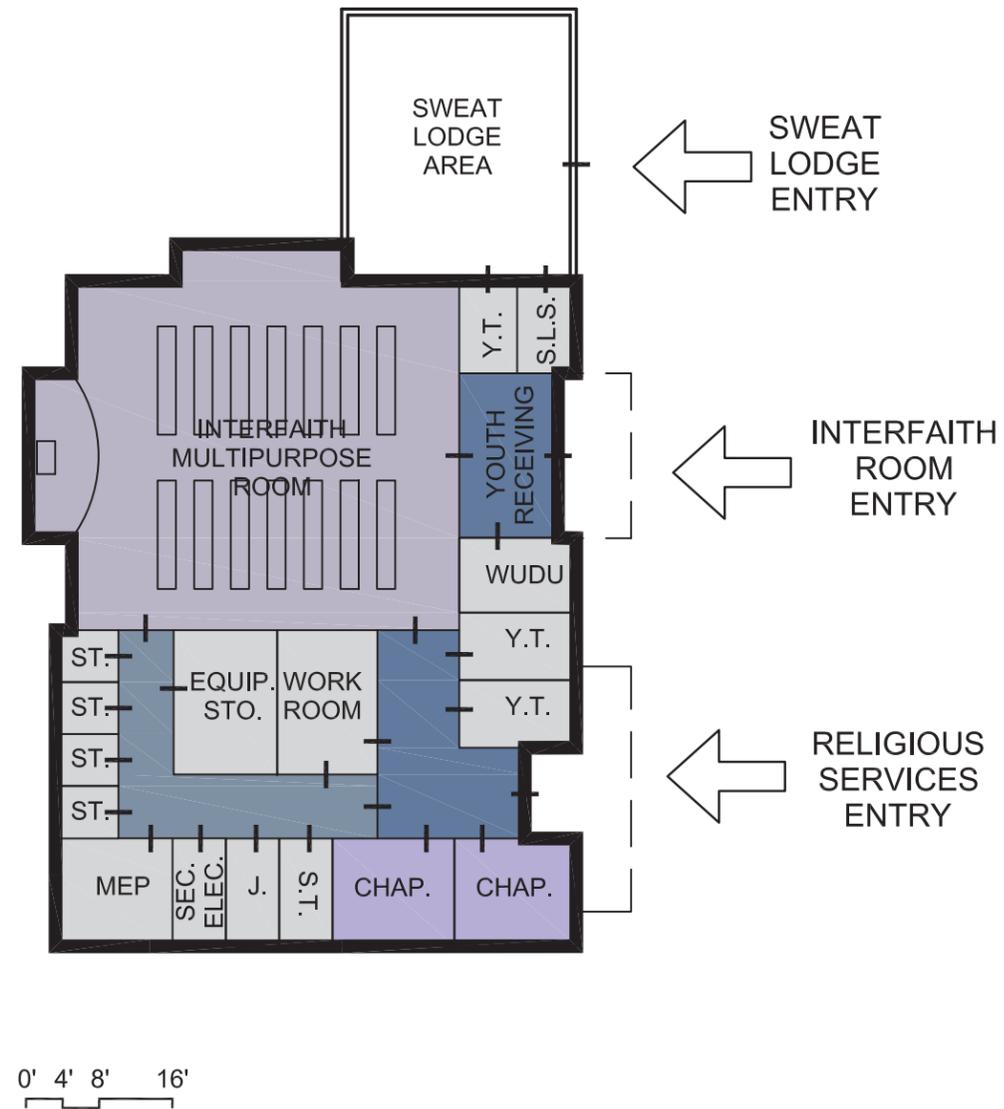
Conceptual Building Plans and Elevations

RELIGIOUS SERVICES ELEVATION



Conceptual Building Plans and Elevations

RELIGIOUS SERVICES PLAN



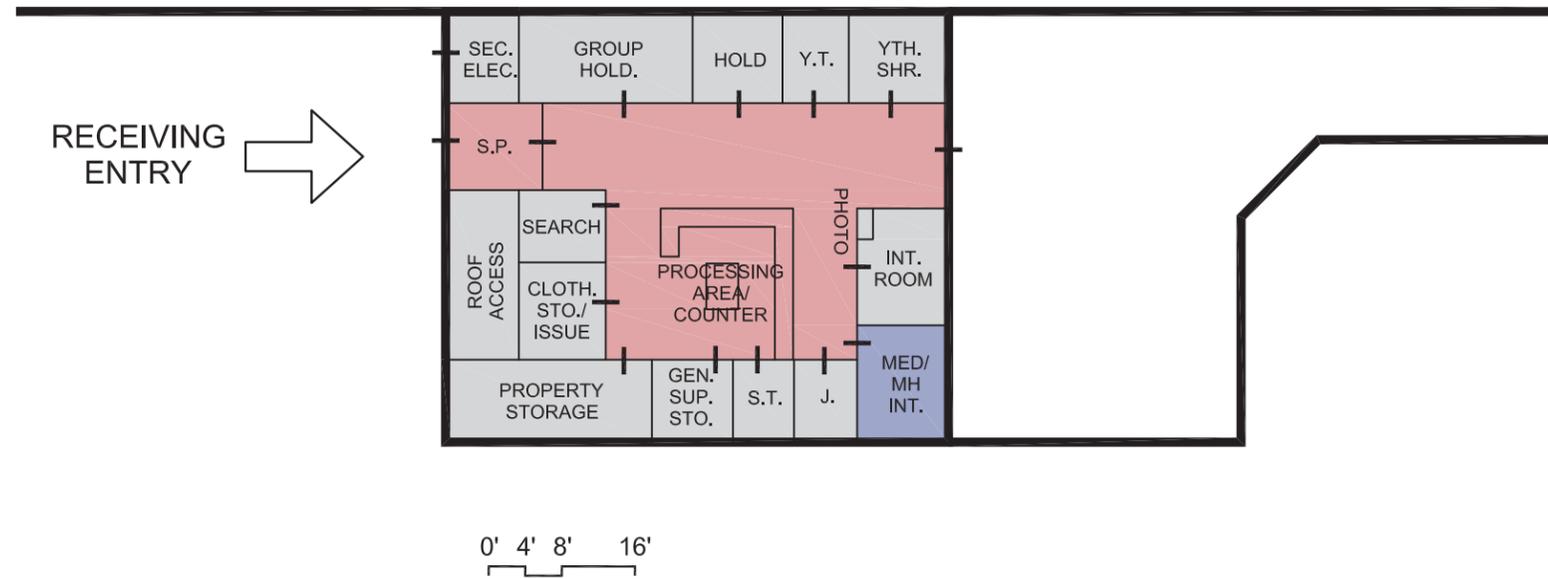
Conceptual Building Plans and Elevations

RECEIVING ELEVATION



Conceptual Building Plans and Elevations

RECEIVING PLAN



KMDJUSTICE

KMD Architects and Planners, PC
421 SW 6th Ave, Suite 1300
Portland, OR 97204 USA
Tel (503) **221-1474**
FAX (503) 227-0762

Kaplan McLaughlin Diaz
222 Vallejo
San Francisco, CA 94111
Tel (415) **398-5191**
FAX (415) 394-7158

www.kmdjustice.com
www.kmdarchitects.com