



## **Humboldt Juvenile Hall Replacement Project**

2002 Harrison Ave, Eureka, CA 95501

### **SPACE REQUIREMENTS – Overview / Format**

August 15, 2014

This space program for the Humboldt County Juvenile Hall Replacement Project compares the space program submitted with the Project Establishment package on December 13, 2013 and the building spaces included on the Schematic Design drawings. As part of the Schematic Design process, the county and design team refined the space program for the proposed Humboldt Juvenile Hall Replacement Facility. Changes to the space program during Schematic Design were performed in order to accomplish the following goals:

1. Simplify the building design to allow Humboldt County Juvenile Hall to operate efficiently.
2. Create spaces that have multiple uses.
3. Design a building that can be constructed in a single phase with the exception of the outdoor recreation spaces. Resulting in a lower construction cost and a simple transition from the existing Juvenile Hall to the new facility during this phased project.

The result of the changes made to the space program during the Schematic Design Phase of the project was a Schematic Design that closely matches the SB81 application in building design and operation as well as the total building area. The building area of the Schematic Design is 19,454 square feet (SF) and the building area stated in the SB81 application was 19,475 SF. The space program submitted during Project Establishment indicated an area of 24,500 SF, which would not have allowed the building to be constructed in one phase.

The following items are the changes to the space program during Schematic Design.

#### **Component 1.000 – Administration / Public Lobby (*Increase of 96 SF*)**

- a. The lobby is enlarged to include seating for 18 people.
- b. The admin work area is combined with the copy / workroom area to form a multi-use space.
- c. An I.T. server room is added to the project.
- d. The janitor closet will be shared with the facilities / maintenance component.

#### **Component 2.000 – Security Services (*decrease of 544 SF*)**

- a. Control station is enlarged and will include equipment storage to form a multi-use space.
- b. Intake area is designed as one large room that will include pre-booking, processing, Interviews, Photo/ID, officer station, and file storage.
- c. Property storage Room will include clothing and equipment storage.
- d. Security / supply storage will be included in both admin. work area and central institution storage.
- e. A staff locker room was added to the building design.



Nichols, Melburg & Rossetto  
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In Association with  
**LIONAKIS**  
beyond design.

**Component 3.000 – Programs** (*decrease of 2,626 SF*)

- a. The small classroom increased in size to accommodate 15 students.
- b. Shelving is added to the multi-purpose room to act as the facility library.
- c. The learning lab is included in the classrooms
- d. Classroom storage, general storage and workroom are combined into one space between the two classrooms.
- e. Student restrooms are eliminated. Students will use the facilities in their sleeping rooms.
- f. The Janitor closet will be shared with the housing unit janitor's closet.
- g. One multi-purpose room will provide space for dining, library, indoor recreation and visitation.

**Component 4.000 – Services** (*increase of 384 SF*)

- a. The laundry room will include the washer & dryer, a folding area, clothing / linen storage and cart storage.
- b. The medication / storage room and the nurse's station will be used for multiple functions eliminating several spaces.
- c. The maintenance work area will be provided in the existing adjacent probation building.
- d. Common utility spaces are added to the space program: common janitor closet, computer room, electrical room, fire sprinkler riser room, and mechanical room.

**Component 5.000 – Resident Housing** (*decrease of 984 SF*)

- a. The total number of beds remained 30, but the type of sleeping room changed from 18 single rooms and 6 double rooms to 6 single rooms and 12 double rooms.
- b. The dayroom / quiet area increase from 1,050 SF to 3,425 SF. This space will function as a multi-purpose space.
- c. The "multi-purpose / dining / common" room is eliminated. The dayroom and the multi-purpose room in Component 3.000 are used for these tasks.
- d. Youth toilet is eliminated. Wards will use the facilities in their sleeping rooms.
- e. Staff toilet is eliminated. Staff will share a toilet room with the teacher in component 3.000.
- f. The storage room will include laundry storage and janitor supplies.
- g. A medical screening room is added in the housing area.

Further analysis of the Schematic Design Space Program indicates an efficient design for the building, which allowed for a significant reduction total building area. The grossing factors at the component level were able to be reduced significantly, because the Humboldt County Juvenile Hall is designed more like one component with a central corridor system rather than several components that all have independent circulation systems within them in addition to the building circulation system. This building is small enough to take advantage of the inherent efficiencies of using spaces and circulation systems for multiple purposes.

Humboldt County has a very constrained site for this project on an existing County of Humboldt campus that also includes the Northern California Regional Facility and the Humboldt County Probation Department. This project will be constructed in two phases. Phase 1 will be the construction of the new juvenile hall. Phase 2 of the project will be the demolition of the existing juvenile hall, which is part of the probation department building. Phase 2 also includes the construction of new outdoor recreation areas and a secure staff parking area. All of these buildings will remain in operation during both phases of the project. In order fit the new juvenile hall on the site so that it can be constructed entirely in phase 1 the overall building area had to be around 19,500 SF. This will allow the county to operate efficiently out the new facility during phase 2 of the project and it will greatly reduce construction costs.





# Humboldt County Juvenile Hall Space Requirements



SPACE PROGRAM - SUMMARY		Project Establishment Program 12-13-13		
		18 Single, 6 Double, 24 Rooms Total		
Comp. #	Facility Component	Total NSF Component	Grossing Factor	Total DGSF
<b>1.000 Administration/Public Lobby</b>				
1.100	Administration/Public Lobby	534	20%	641
<b>Subtotal - Administration/Public Lobby</b>		<b>534</b>	<b>20%</b>	<b>641</b>
<b>2.000 Security Services</b>				
2.100	Central Control	350	30%	455
2.200	Detention Intake and Release (Vehicle Sallyport)	1,150	30%	1,495
2.300	Staff Areas	400	30%	520
<b>Subtotal - Security Services</b>		<b>1,900</b>	<b>30%</b>	<b>2,470</b>
<b>3.000 Programs</b>				
3.100	Education	1,800	30%	2,340
3.200	Visitation	180	30%	234
3.300	Indoor Recreation/Multipurpose	3,000	15%	3,450
<b>Subtotal - Programs</b>		<b>4,980</b>	<b>21%</b>	<b>6,024</b>
<b>4.000 Services</b>				
4.100	Food Services	1,450	30%	1,885
4.200	Laundry	340	15%	391
4.300	Health Services	540	30%	702
4.400	Facility Maintenance/Storage	440	15%	506
<b>Subtotal - Services</b>		<b>2,770</b>	<b>26%</b>	<b>3,484</b>
<b>5.000 Resident Housing</b>				
5.100	Sleeping/Living Area	3,160	45%	4,582
5.200	Housing Support/Commons Area/Dining	2,250	45%	3,263
<b>Subtotal - Resident Housing</b>		<b>5,410</b>	<b>45%</b>	<b>7,845</b>
<b>TOTAL - FACILITY COMPONENTS</b>		<b>15,594</b>	<b>31%</b>	<b>20,464</b>
Overall Grossing Factor (20%)				4,093
<b>GRAND TOTAL - GROSS BUILDING AREA</b>				<b>24,557</b>

Schematic Design Areas 8-7-14		
6 Single, 12 Double, 18 Rooms Total		
Total NSF Component	Grossing Factor	Total DGSF
661	11.5%	737
661	11.5%	737
425	1%	429
895	8%	966
415	28%	531
1,735	11%	1,926
1,490	1.7%	1,515
565	4%	587
1,295	0.1%	1,296
3,350	1%	3,398
1,965	9.5%	2,153
275	0%	275
498	14%	569
890	0%	890
3,628	7%	3,886
5,475	7%	5,865
726	37%	996
6,201	11%	6,861
15,575	8%	16,808
Actual Grossing Factor		16%
<b>Actual Area</b>		<b>19,454</b>



# Humboldt County Juvenile Hall Space Requirements



Component: 1.000 <span style="float: right;">Project Establishment Program 12-13-13</span>					
ADMINISTRATION/PUBLIC LOBBY					
Subcomponent: 1.100 Administration/Public Lobby					
Space No.	Support Area/Equip. Description	Net Area (s.f.)	No. of Units	Subtotal Net Area (s.f.)	Comments
1.100	Entry Vestibule	40	1	40	
1.101	Public Lobby	150	1	150	10 person
1.102	Public Toilets	50	1	50	Unisex
1.103	Reception Area/Station	40	0	0	Intercom to Central Control
1.104	Detention Facility Manager	120	1	120	
1.105	Admin/Clerical Work Area	64	1	64	
1.106	IT Support/Server	80	0	0	Remain in Probation Building
1.107	Copy/File/Fax/Workroom	80	1	80	w/counter work surface, cabinets for supplies; mailroom
1.108	Secure File Room	80	0	0	Remain in Probation Building
1.109	Staff Restroom	-	-	-	see Multipurpose at Housing; shared use; access from Public Lobby
1.110	Multipurpose/Community Meeting/Conference Room	-	-	-	see Multipurpose at Housing; shared use; access from Public Lobby
1.111	Meeting Room Storage				
1.112	Janitor Closet	30	1	30	
NSF Subtotal				534	
20% Department Grossing Factor (DGSF)				107	
<b>Subtotal</b>				<b>641</b>	
<b>Program Total</b>				<b>641</b>	

Schematic Design Program 8-7-14			
Subcomponent: 1.100			
Net Area (s.f.)	No. of Units	Subtotal Net Area (s.f.)	Comments
-	-	-	Eliminated
256	1	256	18 person
70	1	70	Unisex
-	-	-	Intercom to Central Control
140	1	140	
-	-	-	In workroom
80	1	80	
115	1	115	
-	-	-	Remain in Probation Building
-	-	-	Shared space; staff areas
-	-	-	Shared space; Programs
-	-	-	Shared space; Programs
-	-	-	Shared space; Facilities Maintenance
NSF Subtotal		661	
Actual DGSF = 11.5%		76	
<b>Actual Subtotal</b>		<b>737</b>	
<b>Actual Total</b>		<b>737</b>	



# Humboldt County Juvenile Hall Space Requirements



Component: 2.000		Project Establishment Program 12-13-13			
Security Services					
Subcomponent: 2.100 Central Control					
Space No.	Support Area/Equip. Description	Net Area (s.f.)	No. of Units	Subtotal Net Area (s.f.)	Comments
2.100	Control Station	160	1	160	w/2 stations; main control and monitoring; storage; view into intake, lobby and visiting; climate control
2.101	Restroom	50	1	50	in Control Room
2.102	Equipment Storage	60	1	60	in Control Room
2.103	Security Electronics	80	1	80	for all facility security electronics, UPS, adjacent to control room
Central Control Subtotal				350	
30% Department Grossing Factor (DGSF)				105	
<b>SUBTOTAL SPACE</b>				<b>455</b>	
Subcomponent: 2.200 Detention Intake and Release (Vehicle Sallyport)					
Space No.	Support Area/Equip. Description	Net Area (s.f.)	No. of Units	Subtotal Net Area (s.f.)	Comments
2.200	Secure Vehicle Sallyport	(500)	1	(500)	one vehicle; w/gun locker at entrance; fenced partial canopy
2.201	Pre-Booking Area	40	1	40	law enforcement counter; view into intake area
2.202	Secure Entry Vestibule	60	1	60	Seating outside Staff office counter w/rollup
2.203	Juvenile Waiting/Processing	80	1	80	interviews all occur in staff office or holding room
2.204	Interview Room	-	-	-	
2.205	Search/Shower	70	1	70	w/toilet
2.206	Clothing Storage/Issue	150	1	150	hygiene supplies, janitor sink
2.207	Property Storage	200	1	200	w/locked cabinet, washer/dryer
2.208	Single Holding Rooms	70	2	140	one in intake for single user, dry, view from staff station at intake; additional holding cell adjacent control for youth being held temporarily pending to parents or guardians
2.209	Equipment Storage	80	1	80	
2.210	Restroom	50	1	50	Youth and Staff
2.211	Photo/ID Area	30	1	30	Finger print
2.212	Intake Staff Offices	140	1	140	shared use office for 2 staff; locked cabinets, secure files, view into waiting; copier, fax, and shredder
2.213	Copy/File/Work Area	-	-	-	included in staff office
2.214	Evidence/Secure Storage	40	1	40	contraband storage
2.215	Janitor Closet	30	1	30	adjacent to public lobby from release area of intake
2.216	Release Sallyport	40	1	40	
Detention Intake and Release Subtotal				1150	(Excludes Vehicle Sallyport)
30% Department Grossing Factor (DGSF)				345	
<b>SUBTOTAL SPACE</b>				<b>1495</b>	
Subcomponent: 2.300 Staff Areas					
Space No.	Support Area/Equip. Description	Net Area (s.f.)	No. of Units	Subtotal Net Area (s.f.)	Comments
2.300	Staff Entrance Vestibule	60	0	0	entry via public today
2.301	Staff Breakroom	200	1	200	
2.302	Staff Restrooms	80	1	80	unisex, sinks/toilets, shower, half height lockers
2.303	Supervisor Office	-	-	-	not required - supervisor is also line staff
2.304	Security/Supply Storage	120	1	120	radios/charger, secure files, restraints, key box, forms, first aid; workstation; and population board
2.305	Outdoor Area	-	-	-	not required
2.306	Outdoor Parking Area	-	-	-	adjacent to staff entrance
2.307	Locker Room	-	-	-	
Staff Areas Subtotal				400	
30% Department Grossing Factor (DGSF)				120	
<b>SUBTOTAL SPACE</b>				<b>520</b>	
<b>TOTAL SECURITY SERVICES</b>				<b>2,470</b>	

Schematic Design Program 8-7-14			
Subcomponent: 2.100			
Net Area (s.f.)	No. of Units	Subtotal Net Area (s.f.)	Comments
285	1	285	w/2 stations; main control and monitoring; storage; view into housing dayroom; climate control
60	1	60	In Control Room
-	-	-	Included in Control Room
80	1	80	for all facility security electronics, UPS
NSF Subtotal		425	
Actual DGSF = 1%		4	
<b>Actual Subtotal</b>		<b>429</b>	
Subcomponent: 2.400			
Net Area (s.f.)	No. of Units	Subtotal Net Area (s.f.)	Comments
(700)	1	(700)	one vehicle; w/gun locker at entrance; fenced partial canopy
-	-	-	included in Processing
135	1	135	shared space; Staff entrance
365	1	365	Staff station
-	-	-	
60	1	60	w/ toilet
-	-	-	included in Property Storage
195	1	195	w/locked cabinet, washer/dryer
70	2	140	two in intake for single user, dry, view from staff station at intake.
-	-	-	included in Property Storage
-	-	-	included in Shower room
-	-	-	included in Processing
-	-	-	Eliminated
-	-	-	included in Processing
-	-	-	included in Property Storage
-	-	-	included in Facility Maintenance
-	-	-	Eliminated
NSF Subtotal		895	(Excludes Vehicle Sallyport)
Actual DGSF = 8%		71	
<b>Actual Subtotal</b>		<b>966</b>	
Subcomponent: 2.300			
Net Area (s.f.)	No. of Units	Subtotal Net Area (s.f.)	Comments
-	-	-	shared space; intake
180	1	180	
60	2	60	unisex restroom / changing rooms
-	-	-	not required - supervisor is also line staff
-	-	-	
-	-	-	shared space; admin workroom
(220)	-	(220)	Adjacent to breakroom
-	-	-	Adjacent to staff entrance
175	1	175	Added during Schematic Design
NSF Subtotal		415	(Excludes Outdoor Area)
Actual DGSF = 28%		116	
<b>Actual Subtotal</b>		<b>531</b>	
<b>Actual Total</b>		<b>1,926</b>	



# Humboldt County Juvenile Hall Space Requirements



Component: 3.000 Project Establishment Program 12-13-13					
PROGRAMS					
Subcomponent: 3.100 Education					
Space No.	Support Area/Equip. Description	Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
3.100	Student Commons Area	-	-	-	see Housing Support
3.101	Classroom	440	1	440	10 per classroom, computer workstation; 28 square feet per youth plus 160 teacher desk and work area
3.102	Large Classroom	750	1	750	20 person classroom; computer workstations; 28 square feet per youth plus 160 teacher desk and work area
3.102	Multipurpose Room	-	-	-	use small classroom
3.103	Classroom Storage	60	2	120	adjacent to each classroom
3.104	Library Area	80	1	80	shelves in large classroom
3.105	Learning Lab/Workroom	200	1	200	w/computer workstations; files, fax, copier; and storage; incorporate as alcove in large classroom
3.106	General Storage	80	1	80	
3.107	Staff Restroom	50	1	50	locate adjacent to teacher workroom
3.108	Student Restroom	50	1	50	shared by 2 classrooms
3.109	Janitor Closet	30	1	30	
3.110	Outdoor Area	-	-	-	if possible access to secure outdoor area or Horticulture Class/Storage
Education Subtotal				1,800	
30% Department Grossing Factor (DGSF)				540	
<b>SUBTOTAL SPACE</b>				<b>2,340</b>	
Subcomponent: 3.200 Visitation					
Space No.	Support Area/Equip. Description	Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
3.200	Public Waiting	-	-	-	at lobby
3.201	Security/Screening Vestibule	60	1	60	at lobby, entrance to visiting
3.202	Group Visiting Room	-	-	-	use multi-purpose room
3.203	Non-Contact Visitation	60	2	120	
3.204	Private Visiting/Interview	-	-	-	Use interview room
3.205	Volunteer Workroom	-	-	-	Not provided
3.206	Visiting Room Storage	-	-	-	Not provided
3.207	Resident Search/Restroom	-	-	-	Not provided
3.208	Restroom	-	-	-	see Public Lobby
3.209	Equipment Storage	-	-	-	Not provided
3.210	Outdoor Area	-	-	-	locate off visiting room; covered areas
Visitation Subtotal				180	
30% Department Grossing Factor (DGSF)				54	
<b>SUBTOTAL SPACE</b>				<b>234</b>	
Subcomponent: 3.300 Indoor Recreation / Multipurpose Room					
Space No.	Support Area/Equip. Description	Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
3.300	Indoor Recreation/Multipurpose Room	2,400	1	2,400	additional 1,000 nsf +/- of insider recreation serves NCRF
3.301	Recreation Equipment Storage	150	1	150	near indoor recreation/multipurpose and outdoor recreation area
3.302	Restrooms	50	1	50	
3.303	Outdoor Recreation	7,400	1	7,400	Per Standards 225 sf per juvenile is required if service population over 40; 48 x 225- 10,8000; less 2,400 Multipurpose @ Juvenile Hall & 1,000 @ NCRF= 7,400 nsf outdoor; hard and soft surfaces; large outdoor area; Subdivide for concurrent use; if calculated separately 9,000 nsf total required for each facility.
3.304	Passive Recreation	400	1	400	small outdoor spaces; at housing area
Recreation Subtotal				3,000	(excludes outdoor recreation)
15% Department Grossing Factor (DGSF)				450	
<b>SUBTOTAL SPACE</b>				<b>3,450</b>	
<b>TOTAL PROGRAMS</b>				<b>6,024</b>	

Schematic Design Program 8-7-14			
Subcomponent: 3.100			
Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
-	-	-	see Housing Support
580	1	580	15 person classroom
730	1	730	20 person classroom
-	-	-	use small classroom
105	1	105	adjacent to classrooms
-	-	-	included in multipurpose room
-	-	-	included in classrooms
-	-	-	included in 3.103
75	1	75	
-	-	-	use sleeping rooms
-	-	-	shared space; housing
-	-	-	Shared space; Outdoor Rec
NSF Subtotal		1,490	
Actual DGSF = 1.7%		25	
<b>Actual Subtotal</b>		<b>1,515</b>	
Subcomponent: 3.200			
Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
-	-	-	Shared Space; see Admin
175	1	175	sallyport from lobby to multipurpose
-	-	-	Use Multi-purpose room
80	2	160	
100	1	100	Interview room
-	-	-	Not Provided
-	-	-	Shared Space; see Rec. storage
130	1	130	sallyport
-	-	-	see Public Lobby
-	-	-	Shared Space; see Rec. storage
-	-	-	Eliminated
NSF Subtotal		565	
Actual DGSF = 4%		22	
<b>Actual Subtotal</b>		<b>587</b>	
Subcomponent: 3.300			
Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
1,210	1	1,210	Visitation / Dining / Multipurpose
85	1	85	Located adjacent to Multi-purpose room
-	-	-	Eliminated
(17,716)	1	(17,716)	Per Standards 225 sf per juvenile is required if service population over 40; 48 x 225- 10,8000; less 1,210 Multipurpose @ Juvenile Hall & 1,000 @ NCRF= 8,590 nsf outdoor; hard and soft surfaces; Subdivide for concurrent use. 17,700 s.f. provided
-	-	-	Included in Outdoor Recreation
NSF Subtotal		1,295	(excludes outdoor recreation)
Actual DGSF = 0.1%		1	
<b>Actual Subtotal</b>		<b>1,296</b>	
<b>Actual Total</b>		<b>3,398</b>	



# Humboldt County Juvenile Hall Space Requirements



Component: 4.000		Project Establishment Program 12-13-13			
SERVICES					
Subcomponent: 4.100 Food Services					
Space No.	Support Area/Equip. Description	Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
4.100	Food Preparation	400	1	400	also serves Regional Center; 56 meals 3 times/day
4.102	Dishwash/Storage	80	1	80	
4.103	Cooler/Refrigerator	100	1	100	
4.104	Freezer	60	1	60	
4.105	Dry Storage	100	1	100	
4.106	General Storage	200	1	200	
4.107	Kitchen Staff Office	100	1	100	view into Kitchen
4.108	Staff Restroom	50	1	50	
4.109	Waste/Refuse Area	50	1	50	
4.110	Receiving Vestibule	60	1	60	secure access control; adjacent to Loading Dock
4.111	Serving/Dish Return Area	140	1	140	adjacent to Dining Area/Student Commons
4.112	Washer/Dryer	80	1	80	
4.113	Janitor Closet	30	1	30	
4.114	Loading Dock	-	-	-	Provide secure delivery of food to Regional Center.
Food Services Subtotal				1,450	
30% Department Grossing Factor (DGSF)				435	
<b>SUBTOTAL SPACE</b>				<b>1,885</b>	
Subcomponent: 4.200 Laundry					
Space No.	Support Area/Equip. Description	Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
4.200	Washer/Dryer/Folding Area	140	1	140	w/cabinet storage
4.201	Clothing/Linen Storage	140	1	140	
4.202	Cart Storage	60	1	60	
Laundry Subtotal				340	
15% Department Grossing Factor (DGSF)				51	
<b>SUBTOTAL SPACE</b>				<b>391</b>	
Subcomponent: 4.300 Health Services					
Space No.	Support Area/Equip. Description	Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
4.300	Youth Waiting	50	0	-	Escort individually
4.301	Nurse Station	80	1	80	View into waiting w/counter and sink (standard 144 sf minimum)
4.302	Examination Room	150	1	150	
4.303	Dental Operator	-	-	-	Continue to use off-site dentist
4.304	Laboratory	-	-	-	Continue to use off-site lab
4.305	Medication/Storage	80	1	80	cart; frig and sink
4.306	Medical files	40	1	40	area
4.307	Medical Office/Interview	-	-	-	Shared use, Physician; AOD and Mental Health Clinicians will use Exam Room
4.308	General Storage	50	1	50	supplies, equipment
4.309	Clean Utility	20	1	20	
4.310	Soiled Utility	20	1	20	
4.311	Youth Toilet	50	1	50	Specimen collection
4.312	Staff Toilet	-	-	-	Use Common Staff Toilets
4.313	Medical Waste Storage	20	1	20	biohazard
4.314	Janitor Closet	30	1	30	
Health/Mental Health Services Subtotal				540	
30% Department Grossing Factor (DGSF)				162	
<b>SUBTOTAL SPACE</b>				<b>702</b>	
Subcomponent: 4.400 Facility Maintenance and Storage					
Space No.	Support Area/Equip. Description	Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
4.400	Central Institutional Storage/Inventory	200	1	200	
4.401	Maintenance Work Area	160	1	160	
4.402	Custodial Storage/Supplies	80	1	80	
4.403	Loading Dock	-	-	-	access into Kichen
4.404	Janitor Closet	-	-	-	
4.405	Computer Room	-	-	-	
4.406	Electrical Room	-	-	-	
4.407	Fire Sprinkler Riser	-	-	-	
4.408	Mechanical Room	-	-	-	
Facility Maintenance and Storage Subtotal				440	
15% Department Grossing Factor (DGSF)				66	
<b>SUBTOTAL SPACE</b>				<b>506</b>	
<b>TOTAL SERVICES</b>				<b>3,484</b>	

Schematic Design Program 8-7-14			
Subcomponent: 4.100			
Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
655	1	655	also serves Regional Center; 56 meals 3 times/day
135	1	135	Alcove off food prep area
130	1	130	
115	1	115	
160	1	160	
-	-	-	included in Dry Storage
125	1	125	View into Kitchen
60	1	60	
50	1	50	
110	1	110	secure access control; adjacent to Loading Dock
280	1	280	Adjacent to Dining Area
80	1	80	
65	1	65	
-	-	-	Provide secure delivery of food to Regional Center.
NSF Subtotal		1,965	
Actual DGSF = 9.5%		188	
<b>Actual Subtotal</b>		<b>2,153</b>	
Subcomponent: 4.200			
Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
275	1	275	1 washer & 1 dryer
-	-	-	included
-	-	-	included
NSF Subtotal		275	
Actual DGSF = 0%		0	
<b>Actual Subtotal</b>		<b>275</b>	
Subcomponent: 4.300			
Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
-	-	-	Eliminated: escort individually
188	1	188	Space for future Dental Chair w/counter and sink (standard 144 sf minimum)
150	1	150	
-	-	-	Continue to use off-site dentist
-	-	-	Continue to use off-site lab
95	1	95	cart; frig and sink
-	-	-	included in Medication/Storage
-	-	-	Eliminated: clinicians will use exam room or medical screening room on housing unit
-	-	-	included in Nurses Station
-	-	-	included in Nurses Station
-	-	-	included in Nurses Station
65	1	65	
-	-	-	Use Common Staff Toilets
-	-	-	included in Nurses Station
-	-	-	shared space; Facility Maintenance
NSF Subtotal		498	
Actual DGSF = 14.2%		71	
<b>Actual Subtotal</b>		<b>569</b>	
Subcomponent: 4.400			
Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
375	1	375	
-	-	-	in Probation Building
-	-	-	included in 4.400
-	-	-	access into Kichen
80	1	80	
80	1	80	
130	1	130	
30	1	30	
195	1	195	
NSF Subtotal		890	
Actual DGSF = 0%		0	
<b>Actual Subtotal</b>		<b>890</b>	
<b>Actual Total</b>		<b>3,886</b>	



# Humboldt County Juvenile Hall Space Requirements



Component: 5.000		Project Establishment Program 12-13-13			
RESIDENT HOUSING					
Subcomponent: 5.100 Sleeping / Living Area					
Space No.	Support Area/Equip. Description	Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
5.100	Single Sleeping Room	70	18	1,260	wet rooms; 3 sleeping areas with 6 single rooms
5.101	Double Occupancy	100	6	600	wet rooms; 2 double rooms in each sleeping area
5.102	Dayroom/Quiet Area	35	30	1,050	quiet living area located in each of (3) sleeping areas with 6 single rooms and 2 double rooms
5.103	Interview Room	-	-	-	in common area
5.104	Laundry Storage	-	-	-	in common area
5.105	Toilets	-	-	-	in common area
5.106	Individual Showers	50	5	250	single occupancy; (1:6 ratio)
5.107	Storage	-	-	-	
Food Services Subtotal				3,160	
45% Department Grossing Factor (DGSF)				1,422	
<b>SUBTOTAL SPACE</b>				<b>4,582</b>	
Subcomponent: 5.200 Housing Unit Support / Commons Area					
Space No.	Support Area/Equip. Description	Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
5.200	Entry Vestibule	-	-	-	No entry vestibule start station, break out areas for activities, drinking fountain; phone alcove; Assumes that dining is primarily in Multi-purpose with cafeteria line
5.201	Multipurpose/Dining/Commor	50	30	1,500	
5.202	Staff Work Area	-	-	-	Desk in Common areas
5.203	Staff Toilet	50	1	50	
5.204	Youth Toilet	50	1	50	
5.205	Interview/Therapy Room	240	1	240	8 to 10 capacity; small group meeting; view into commons area; w/sink; art/music, and other group activities; depending on adjacencies could be multi-use function for small classroom
5.206	Pantry/Dining Area Storage	-	-	-	Counter in Common area
5.207	Storage	120	1	120	clothing, supplies, games, toiletries, living area supplies
5.208	Commissary Storage	-	-	-	contract
5.209	Janitor Closet	30	1	30	
5.210	Interview Room	80	2	160	in common area
5.211	Laundry Storage	100	1	100	w/washer and dryer
5.212	Medical Screening	-	-	-	
Health/Metal Health Services Subtotal				2,250	
45% Department Grossing Factor (DGSF)				1,013	
<b>SUBTOTAL SPACE</b>				<b>3,263</b>	
<b>TOTAL RESIDENT HOUSING</b>				<b>7,845</b>	

Schematic Design Program 8-7-14			
Subcomponent: 5.100			
Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
80	6	480	1 ADA compliant
110	12	1320	
3,425	1	3,425	Dayroom: Total of Net Area shown
-	-	-	see Support Areas
-	-	-	
-	-	-	in Sleeping Rooms
50	5	250	
-	-	-	
NSF Subtotal		5,475	
Actual DGSF = 7.1%		390	
<b>Actual Subtotal</b>		<b>5,865</b>	
Subcomponent: 5.200			
Net Area (s.f)	No. of Units	Subtotal Net Area (s.f)	Comments
-	-	-	No entry vestibule
-	-	-	
-	-	-	shared space; See multi-purpose room; see Programs
126	1	126	Desk in Day Room
-	-	-	Shared; See Education
-	-	-	Provided in Sleeping Rooms
250	1	250	Program / Interview Room: 8 to 10 capacity; small group meeting and other group activities
-	-	-	Eliminated; Provided in multi-purpose room; see Programs
160	1	160	Combined; Janitor / Storage
-	-	-	Contract
-	-	-	Included in storage
95	1	95	Near entry
-	-	-	Included in storage
95	1	95	Added in Schematic Design
NSF Subtotal		726	
Actual DGSF = 37.2%		270	
<b>Actual Subtotal</b>		<b>996</b>	
<b>Actual Total</b>		<b>6,861</b>	