

## Jackson County Jail Classification Requirements

The Jackson County Law Enforcement Center is to be designed as a Podular Remote Supervision County Jail. The inmate management of the facility will be sanctioned oriented with the goal of offering the inmate opportunity to modify behavior to make incarceration a positive experience to the extent possible.

In Iowa, many of the spaces incorporated into a new Jail are required to meet minimum standards set by the state. These requirements include square footage, fixtures per inmate, separation of inmates and support areas.

Bed space in a Jail cannot be based on just the number of inmates.

The Iowa State Jail Standards require that certain types of inmates are kept separated by “architectural design barring conversational and visual contact from each other.” These classifications include:

1. Juveniles / Adults
2. Males / Females

Per state code, it is required that certain types of inmates are kept separated “whenever possible.” These classifications include:

1. Felons / Misdemeanants
2. Pretrial / Sentenced
3. Witnesses / Suspects

Per state code, it is required that certain types of inmates are kept physically separated “whenever possible.” The classifications include:

1. Prisoners of whom violence is reasonably anticipated
2. Prisoners who are a health risk to others
3. Prisoners of whom sexually deviant behavior is reasonably anticipated
4. Prisoners likely to be exploited or victimized by others
5. Prisoners with air borne contaminants or other transmittable diseases
6. Prisoners which may be subject to suicide
7. Prisoners which have committed sexual crimes

Due to these restrictions, once a multiple bed area is occupied by one classification, only inmates of the same classification can/should be housed there. Thus, the additional beds in that area become basically unusable thereby reducing the overall capacity.

The federal government is also enforcing the Prison Rape Elimination Act which requires the separation of individuals who could possibly be subject to be exploited or victimized by other inmates. This could include transgender, sexual predators or inmates that may or appear to have other sexual orientations. These type of inmates are required to be separated from other prisoners for their protection per federal regulations.

Jackson County Jail Adult Admissions 2014 - August 2018

Year	Total ADM	Male	Female	ADP	ALOS	Violent M / F	Non- Violent M / F	Sex Offense M / F	Total Arrests	24 HR Release
2014	554	443/80%	111/20%	13.8	13.5				727	173
2015	484	398/82%	86/18%	11.06	13				596	112
2016	484	380/79%	104/21%	11	12.7				623	139
2017	552	454/82%	98/18%	11.8	12.8				750	198
2018	444	349/79%	95/21%	12	14.2				617	173

Note: There have been times recently that the inmate population has been as high as 26 inmates. There are currently over 41 individuals that have been sentenced to serve time on a work release basis that have not served time because of the insufficient amount of holding capacity and inability to provide separation. At some point the court could order the County to have these individuals serve their time immediately. The average daily population has increased by 2% and the average length of stay has increased by 11% from 2017 to 2018. It needs to be noted that the court system and the County Attorney have worked with the Sheriff's department allowing early or 24 hour releases due to the lack of the sufficient space for housing in the jail and costs to transport out of County. Otherwise the admissions and length of stay would increase substantially.

ADM-Admitted

ALOS-Average Length of Stay

ADP-Average Daily Population       $\text{Single} + \text{multi stay} / \text{ADM} = \text{ALOS}$        $\text{ADM} \times \text{ALOS} / 365 = \text{ADP}$

Violent - Includes carrying weapons, armed with intent, threat of terrorism, kidnapping, officer assaults, domestic / general assaults and other crimes involving violence. Separation is typically required from other inmates.

Non-Violent - Misdemeanor and non-violent crimes. Some separation from other inmates required.

Sex Offense - Sexual related crimes. Separation from other inmates would be required.

The female admissions have remained steady in the 20% range. Due to the lack of separation and classification they are typically required to be transported and housed out of County

## Jackson County Jail Adult Admissions 2014 - August 2018

There has been a steady increase in the average length of stay and the average daily population has remained steady since 2014. The female population has remained steady since 2012. With the current status of the jail, females are typically being transported out of County. The ability to classify inmates is limited meaning those who have committed serious crimes or are prone to violence must be housed out of County. The length of stay has increased due to the severity of crimes driving the length of stay up. The early release of the DOC and closure of the mental institutions has added to the jail population. The average length of stay has increased by approximately 11% from 2017 to 2018.

Violent crimes have increased substantially which would require separation or they would need to be moved to a different facility

Most Counties similar to Jackson County are experiencing an ADP of 5% to 7% increase annually. At a 5% projected increase this would result in a need for approximately 44 beds at a minimum in a 20 year period. The facility has already had peak inmate populations of 26 inmates. This does not allow for any increase in the average length of stay.

Part of this is due to violation of probation and the seriousness of crimes

As indicated in the booking records, there are times when peak admissions have been above 26 requiring more beds to accommodate the separation of inmates. These peaks are difficult to anticipate but in designing a new facility this needs to be taken into consideration to avoid the transportation of inmates out of the County.

Typically Counties building a new facility will consider bonding to construct to meet future needs. The bonding repayment is often set up for 15 to 20 years. This needs to be taken into consideration in designing the facility for this period of time to accommodate the County's needs.

It would be recommended that we try to provide the number of beds required to meet the County's needs. The recommendation would be to provide a minimum of 9 classifications with a total of 50 beds. Consideration is being given to design some of the cell classifications for future expansion within the existing facility to control initial costs and to allow for the 50 year growth. This could fluctuate or reduce the initial bed count. The bed count would also fluctuate on design to maintain the projected project budget.

Typically facilities are designed on a minimum life cycle of 50 years. The current facility has served as the Sheriff's office and jail since 1971. Over the course of 50 years it would be anticipated that the inmate population will increase substantially. Many times too much attention is paid to the number of beds in lieu of the number of cell blocks to allow for separation of classifications and to accommodate future expansion. The design needs to take into consideration the need for economical future expansion within the existing facility and to minimize operation costs.

**Jackson County Law Enforcement Center  
Inmate Housing Projections  
Annual Costs If Jail is Closed & All Inmates Held Out Of County**

YEAR	# of Inmates Average Daily Populations	Annual Cost	
2018	13.80	\$302,220	Using the high ADP 13.8
2019	14.49	\$317,331	
2020	15.21	\$333,197	
2021	15.97	\$349,857	
2022	16.77	\$367,350	
2023	17.61	\$385,717	
2024	18.49	\$405,003	
2025	19.41	\$425,253	
2026	20.38	\$446,516	
2027	21.40	\$468,842	
2028	22.47	\$492,284	
2029	23.59	\$516,898	
2030	24.77	\$542,743	
2031	26.01	\$569,880	
2032	27.31	\$598,374	
2033	28.68	\$628,293	
2034	30.11	\$659,708	
2035	31.62	\$692,693	
2036	33.20	\$727,328	
2037	34.86	<u>\$763,694</u>	
Total		\$9,993,181	

In 40 - 50 years you can assume the average daily population could double to 68. With spikes in population in the range of 26 this number could increase substantially. Annual costs assume only the \$60 / Day housing costs and do not factor in any costs for transportation

Based on average 5% increase projection you would be in the range of 35 inmates. Jails are considered full at 80% population due to the inability to be able to separate inmates into classifications. A minimum 44 bed jail would be considered full at 36 inmates.

Typically new facilities that are built are looking at a 50 year life cycle at a minimum. Reference the length of time the current jail has been utilized. It would be recommended to look at an option to provide future expansion within the existing facility to minimize future costs.

\*\*\*Constant 2019 dollars – no adjustment for inflation\*\*\* for estimated annual costs of 5%. It is anticipated that wages, gas and vehicle costs will increase in the future.

Note: This projection represents holding all inmates out of County and assumes no jail or holding facility. The trip cost and per diem cost assumes two trips which is below the average being experienced. There has been no adjustment for inflation for out of County housing costs. The cost for housing has remained constant at \$60 / Day.

## **Jackson County Law Enforcement Center Annual Out-of-County Housing Costs Projections**

The feasibility study has identified options for Jackson County to maintain the Sheriff's Department and Jail or to close the jail and house all inmates out of County.

In the Fiscal year 2014 to 2019 the County spent money on housing inmates out of County. This is paid directly by the taxpayers out of the County's funds. The housing costs shown on the ledgers did not include transportation costs, salaries, or vehicle costs for transporting the inmates. The analysis of the effect of out of County housing will need to be included in the projections.

The costs estimated are as follows:

Vehicle - \$33,000 for five years (SUV & Truck Costs)

Outfit Vehicle with Equipment - \$10,000.00

Total Vehicle Cost for 5 Years - \$43,000.00

(Years will be reduced on number of miles for transports)

Approximate Cost to Run Vehicles - \$0.59 / Mile (Typical for these vehicles)

Approximate Deputies Hourly Wages with Fringes - \$42.00 / Hour

Approximate Jailers Wages with Fringes - \$23.94 / Hour

Average Wage For Transportation - 32.97

Currently inmates are being housed in Dubuque, Clinton, Linn, Jones, Muscatine and Marshall Counties. Typically the County is experiencing 4 trips per inmate and a minimum of 3 trips. Calculations are based on a minimum of 2 trips.

Transport to Dubuque County

Housing Costs - \$60.00 / Day

Round Trip - 64 Miles @ \$0.59 / Mile = \$37.76 X 2 Trips = \$75.52 / Inmate

Wages - 2.5 hours to transport and book = \$82.43 / Trip X 2 Trips = \$164.86

Total Trip Cost per Inmate = \$240.38 + Days for Inmate Housing Costs

Transport to Marshal County

Housing Costs - \$60.00 / Day

Round Trip - 264 Miles @ \$0.59 / Mile = \$155.76 X 2 Trips = \$311.52 / Inmate

Wages - 5 hours to transport and book = \$164.85 / Trip X 2 Trips = \$329.70

Total Trip Cost per Inmate = \$641.22 + Days for Inmate Housing Costs

Average Total Trip Cost per Inmate = \$440.80

As jails become full it will be more difficult to find adjacent County's to take the inmates to be housed which will drive up costs to transport. Wages, gas, vehicle cost and housing costs will increase the cost per inmate to house out of County. Many Counties are unable to accept certain types of inmates based on their current jail population.

The Average Daily Population (ADP) for Jackson County Jail for 2018 was 13.8 and the average length of stay was 14.2 days representing an annual increase of close to 11% . Using the accepted standard practice of jail minimum needs forecasting of 5%, and an average cost per day to transport inmates of \$440.80 ( 2 trips = per diem and transportation costs), the Annual Out Of County Housing table represents an estimate of the number of Jackson County Jail inmates that would be housed out of County over the next 20 years, and the total annual and aggregate cost to house those inmates out of county. The figures do not account for purchase of new vehicles.

If all the inmates were held out for the entire year of 2018, the estimated cost would be:

Total Admissions 2018 = 444

Using Average County Costs = \$440.80

444 Inmates X Total Trip Cost of \$440.80 X 2 Trips	\$391,430
444 Inmates X Average Length of Stay of 10.07 X \$60 / Day	<u>\$268,264</u>
Total Estimated Annual Cost	<u>\$659,694</u>

Using this estimate without any increases in inmate population or any other inflation of costs would result in a cost of \$13,193,880.00 over a 20 year period

Total Admissions 2018 = 444

Using Lowest County Costs = \$240.38

444 Inmates X Total Trip Cost of \$240.38 X 2 Trips	\$213,457
444 Inmates X Average Length of Stay of 10.07 X \$60 / Day	<u>\$268,264</u>
Total Estimated Annual Cost	<u>\$481,721</u>

Using this estimate without any increases in inmate population or any other inflation of costs would result in a cost of \$9,634,420.00 over a 20 year period

# Correctional Requirements

The Jackson County Law Enforcement Center is to be designed as a Podular Remote Supervision County Jail. The inmate management of the facility will be sanctioned oriented with the goal of offering the inmate opportunity to modify behavior to make incarceration a positive experience to the extent possible.

The classification of the facility should be as follows:

Male Max.	2 Beds	Single Occupancy
Male Medium	4 Beds	Double Occupancy
Male GP	6 Beds	Dormitory
Swing Dorm	8 Beds	Dormitory
Male Work Release	8 Beds	Dormitory
Female Max.	2 Beds	Single Occupancy
Female Medium	4 Bed	Double Occupancy
Female GP	6 Beds	Dormitory
Female Work Release	8 Beds	Dormitory
<u>Special Status</u>	<u>2 Beds</u>	Single Occupancy
Total Main Jail	50 Beds	
Future Male Max.	2 Beds	Single Occupancy
Future Male Medium	4 Beds	Double Occupancy
Future Male GP Expansion	6 Beds	Dormitory Upper Level
Future Female Max.	2 Beds	Single Occupancy
Future Female Medium	4 Bed	Double Occupancy
<u>Future Female GP Expansion</u>	<u>6 Beds</u>	Dormitory Upper Level
Total Expansion	24 Beds	
Total with Future Expansion	74 Beds	

Single Holding Cell	Total Capacity of 2
Single Holding Cell	Total Capacity of 3
Single Holding Cell	Total Capacity of 3
Detox Holding Cell / Padded Cell	Holding 1

Please note that the Holding Cells are not included in the rated bed capacity since they have a 24-hour limitation. The detox and holding cells are to be located adjacent to the booking and outside of the main jail housing. These cells are typically to be utilized for holding individuals for up to 24 hours maximum.

## Inmate Housing Space Requirements

The cell pods will not have sight lines into any other area or into the control room. These sight lines will be controlled by the use of reflective glass in the dayrooms to eliminate the inmate's ability to determine if they are being watched. Female cells will be isolated with the use of doors in a secure sallyport.

Inmates will be directed out of their pods into the secure corridor to walk to the exercise area. The electric locks on the doors would be operated by the control room and staff would not be required to move them. Space requirements have been determined based on Iowa Jail Standards requirements.

## Male Maximum Security

This space is a podular remote surveillance maximum security classification housing unit. The unit will accommodate a two single cells with attached dayroom, be monitored by a roving staff officer viewing from outside the unit and have supplemental monitoring by the control room via CCTV. High security cells are provided with a toilet, lavatory and access to a shower and a dayroom. This prisoner is considered violent and could possibly be locked down for 23 hours at a time and let out for one hour per the Iowa Jail Standards. The door would have a food pass to allow for delivery of meals. This area would be located adjacent to the Male General Population area and could be combined in the same cell block as Male Medium.

- Design Criteria:

Single cells

2 @ 70 SF ea. = 140 SF

2 @ 70 SF ea. = 140 SF (Future Upper Level Expansion)

Dayroom Minimum 140 SF = 140 SF

Shower = 20 SF

Total NSF = 440 NSF

Furniture - The dayroom will contain a steel table with attached seating secured to the floor. Cells will contain a steel floor-mounted bunk, penal type stainless steel sink-toilet combo, a steel shelf with clothing hooks (breakaway type). There will be one shower unit located inside the dayroom area. It may be possible to share a shower area with the Male Medium if a common dayroom is used.

Equipment - TV, wall-mounted penal type telephone (collect call only). Dayroom will have one Video Visitation station.

Doors – Dayroom door will be equipped with a lockable food pass and intercom within door frame.

Cell door will be equipped with half window, lockable food pass and intercom in the door frame.

Windows- Skylights will be used to emit required natural light.



## Male Medium Security

This area will be located adjacent to the male maximum security area. The unit will be a podular remote surveillance area and accommodate inmates housed in double occupancy cells. The cells will be monitored by a roving staff officer viewing from outside the cell in the dayroom and have supplemental monitoring by the control room via CCTV. The purpose of this unit is to house medium to maximum security inmates and those who cannot be housed in the general population. The door should be provided with a food pass. These cells can also be used for maximum security or inmates requiring separation. These cells could be combined with the maximum security cells in the same block to minimize dayroom and shower requirements.

- Design Criteria:

4 inmates / 2 Double Cells

4 inmates / 2 Double Cells (Future Upper Level Expansion)

110 NSF ea. cell x 2 = 220 NSF

110 NSF ea. cell x 2 = 220 NSF (Future Expansion)

Dayroom Minimum 140 SF = 280 SF

Shower = 20 NSF

Total NSF = 740 NSF

Furniture - The Dayroom area will contain a steel table with attached seating secured to the floor. The cells would contain a steel floor-mounted double bunk, penal type stainless steel sink-toilet combo, a steel shelf with clothing hooks (breakaway type). There will be one shower unit located inside the dayroom area. It may be possible to share a shower area with the Male Max if a common dayroom is used.

Equipment - TV, wall-mounted penal type telephone (collect call only). Dayroom will have one Video Visitation station.

Doors – Dayroom door will be equipped with a lockable food pass and intercom within door frame.

Windows- Skylights will be used to emit required natural light.

## Male General Population Dorm

This space is a podular remote surveillance minimum security classification housing unit designed to house low risk inmates. The space is an open dormitory configuration designed to house 6 inmates. The living unit will be monitored by a roving staff officer viewing from outside the unit and have supplemental monitoring by the control room via CCTV. The dayroom, although not required will be contiguous to the living unit separated by a half wall.

- Design Criteria:

6 inmates

6 inmates (Future Upper Level Expansion)

Open dormitory

60 NSF ea. inmate x 6 = 360 NSF

60 NSF ea. inmate x 6 = 360 NSF (Future Expansion)

Toilet & Lavatory = 50 NSF

Toilet & Lavatory = 50 NSF (Future Expansion)

Shower = 20 NSF

Total NSF = 840 NSF

Furniture - Steel tables with attached seating secured to the floor to accommodate assigned inmates. The dormitory will contain steel floor-mounted double bunks, penal type stainless steel sink-toilet combo separated by knee walls and a steel shelf with clothing hooks (breakaway type) for each double bunk. There will be one shower unit and 2 toilets located adjacent to the dayroom area.

Equipment - TV, wall-mounted penal type telephone (collect call only). The Dayroom should have one Video Visitation station.

Doors – Dayroom door will be swing type maximum security type controlled by the control room and equipped with a lockable food pass. There will be an intercom located in the frame of the door.

Windows- Skylights will be used to emit required natural light.

## Female Maximum Security

This space is a podular remote surveillance maximum security classification housing unit. The unit will accommodate a two single cells with attached dayroom, be monitored by a roving staff officer viewing from outside the unit and have supplemental monitoring by the control room via CCTV. High security cells are provided with a toilet, lavatory and access to a shower and a dayroom. This prisoner is considered violent and could possibly be locked down for 23 hours at a time and let out for one hour per the Iowa Jail Standards. The door would have a food pass to allow for delivery of meals. This area would be located adjacent to the Female General Population area and could be combined in the same cell block as Female Medium.

- Design Criteria:

Single cells

2 @ 70 SF ea. = 140 SF

2 @ 70 SF ea. = 140 SF (Future Upper Level Expansion)

Dayroom Minimum 140 SF = 140 SF

Shower = 20 SF

Total NSF = 440 NSF

Furniture - The dayroom will contain a steel table with attached seating secured to the floor. Cells will contain a steel floor-mounted bunk, penal type stainless steel sink-toilet combo, a steel shelf with clothing hooks (breakaway type). There will be one shower unit located inside the dayroom area. It may be possible to share a shower area with the Female Medium if a common dayroom is used.

Equipment - TV, wall-mounted penal type telephone (collect call only). Dayroom will have one Video Visitation station.

Doors – Dayroom door will be equipped with a lockable food pass and intercom within door frame.

Cell door will be equipped with half window, lockable food pass and intercom in the door frame.

Windows- Skylights will be used to emit required natural light.

## Female Medium Security

This area will be located adjacent to the Female maximum security area. The unit will be a podular remote surveillance area and accommodate inmates housed in double occupancy cells. The cells will be monitored by a roving staff officer viewing from outside the cell in the dayroom and have supplemental monitoring by the control room via CCTV. The purpose of this unit is to house medium to maximum security inmates and those who cannot be housed in the general population. The door should be provided with a food pass. These cells can also be used for maximum security or inmates requiring separation. These cells could be combined with the Female Maximum security cells in the same block to minimize dayroom and shower requirements.

- Design Criteria:

4 inmates / 2 Double Cells

4 inmates / 2 Double Cells (Future Upper Level Expansion)

110 NSF ea. cell x 2 = 220 NSF

110 NSF ea. cell x 2 = 220 NSF (Future Expansion)

Dayroom Minimum 140 SF = 280 SF

Shower = 20 NSF

Total NSF = 740 NSF

Furniture - The Dayroom area will contain a steel table with attached seating secured to the floor. The cells would contain a steel floor-mounted double bunk, penal type stainless steel sink-toilet combo, a steel shelf with clothing hooks (breakaway type). There will be one shower unit located inside the dayroom area. It may be possible to share a shower area with the Female Max if a common dayroom is used.

Equipment - TV, wall-mounted penal type telephone (collect call only). Dayroom will have one Video Visitation station.

Doors – Dayroom door will be equipped with a lockable food pass and intercom within door frame.

Windows- Skylights will be used to emit required natural light.

## Female General Population Dorm

This space is a podular remote surveillance minimum security classification housing unit designed to house low risk inmates. The space is an open dormitory configuration designed to house 6 inmates. The living unit will be monitored by a roving staff officer viewing from outside the unit and have supplemental monitoring by the control room via CCTV. The dayroom, although not required will be contiguous to the living unit separated by a half wall.

- Design Criteria:

6 inmates

6 inmates (Future Upper Level Expansion)

Open dormitory

60 NSF ea. inmate x 6 = 360 NSF

60 NSF ea. inmate x 6 = 360 NSF (Future Expansion)

Toilet & Lavatory = 50 NSF

Toilet & Lavatory = 50 NSF (Future Expansion)

Shower = 20 NSF

Total NSF = 840 NSF

Furniture - Steel tables with attached seating secured to the floor to accommodate assigned inmates. The dormitory will contain steel floor-mounted double bunks, penal type stainless steel sink-toilet combo separated by knee walls and a steel shelf with clothing hooks (breakaway type) for each double bunk. There will be one shower unit and 2 toilets located adjacent to the dayroom area.

Equipment - TV, wall-mounted penal type telephone (collect call only). The Dayroom should have one Video Visitation station.

Doors – Dayroom door will be swing type maximum security type controlled by the control room and equipped with a lockable food pass. There will be an intercom located in the frame of the door.

Windows- Skylights will be used to emit required natural light.

## Swing Dorm

This space is a podular remote surveillance minimum security classification housing unit designed to house low risk inmates. The space is an open dormitory configuration designed to house 8 inmates. The living unit will be monitored by a roving staff officer viewing from outside the unit and have supplemental monitoring by the control room via CCTV. The dayroom, although not required will be contiguous to the living unit.

- Design Criteria:

8 inmates / Open dormitory

60 NSF ea. inmate x 8 = 480 NSF

Toilet, Lavatory & Shower = 70 NSF

Total NSF = 550 NSF

Furniture - Steel tables with attached seating secured to the floor to accommodate assigned inmates. The dormitory will contain steel floor-mounted double bunks, penal type stainless steel sink-toilet combo and one urinal separated by knee walls and a steel shelf with clothing hooks (breakaway type) for each double bunk. There will be one shower unit located inside the dayroom area.

Equipment - TV, wall-mounted penal type telephone (collect call only). The Dayroom should have one Video Visitation station.

Doors – Dayroom door will be swing type maximum security type controlled by the control room and equipped with a lockable food pass. There will be an intercom located in the frame of the door.

Windows- Skylights will be used to emit required natural light.

## Male Work Release

This space is a podular remote surveillance minimum security classification housing unit designed to house low risk inmates that are allowed to leave for work during the day. The space is an open dormitory configuration designed to house 4 inmates. The living unit will be monitored by a roving staff officer viewing from outside the unit and have supplemental monitoring by the control room via CCTV. The dayroom, although not required will be contiguous to the living unit separated by a half wall.

- Design Criteria:

8 inmates / Open dormitory

60 NSF ea. inmate x 8 = 480 NSF

Toilet, Lavatory & Shower = 70 NSF

Total NSF = 550 NSF

Furniture - Steel tables with attached seating secured to the floor to accommodate assigned inmates. The dormitory will contain steel floor-mounted double bunks, 2 penal type stainless steel sink-toilet combo separated by knee walls and a steel shelf with clothing hooks (breakaway type) for each double bunk. There will be one shower unit located adjacent to the dayroom with the toilets.

Equipment - TV, wall-mounted penal type telephone (collect call only). The Dayroom should have one Video Visitation station.

Doors – Dayroom door will be swing type maximum security type controlled by the control room and equipped with a lockable food pass. There will be an intercom located in the frame of the door.

Windows- Skylights will be used to emit required natural light.

## Female Work Release

This space is a podular remote surveillance minimum security classification housing unit designed to house low risk inmates that are allowed to leave for work during the day. The space is an open dormitory configuration designed to house 4 inmates. The living unit will be monitored by a roving staff officer viewing from outside the unit and have supplemental monitoring by the control room via CCTV. The dayroom, although not required will be contiguous to the living unit separated by a half wall.

- Design Criteria:

8 inmates / Open dormitory

60 NSF ea. inmate x 8 = 480 NSF

Toilet, Lavatory & Shower = 70 NSF

Total NSF = 550 NSF

Furniture - Steel tables with attached seating secured to the floor to accommodate assigned inmates. The dormitory will contain steel floor-mounted double bunks, 2 penal type stainless steel sink-toilet combo separated by knee walls and a steel shelf with clothing hooks (breakaway type) for each double bunk. There will be one shower unit located adjacent to the dayroom with the toilets.

Equipment - TV, wall-mounted penal type telephone (collect call only). The Dayroom should have one Video Visitation station.

Doors – Dayroom door will be swing type maximum security type controlled by the control room and equipped with a lockable food pass. There will be an intercom located in the frame of the door.

Windows- Skylights will be used to emit required natural light.



## Special Status Cells

This is a maximum security classification housing unit. This unit will accommodate 2 inmates and is used to house inmates who are violence prone, have contagious diseases, are suicidal, or who require isolation. Cells are provided with a toilet, lavatory. This area would have access to showers. Negative air pressure will be provided in this area to avoid contaminating the air in other areas in case of holding an inmate with a contagious disease. This will be located within direct vision of the control room for suicide watch. This could be separated from the main jail housing pods to serve as additional holding or maximum security cells for male or female.

- Design Criteria:

Single cell HC Accessible

2 @ 80 SF ea. = 160 SF

Dayroom Minimum 100 SF x 2 = 200 SF

Shower = 20 SF

Total NSF = 380 NSF

Furniture - Steel desk with floor mounted stool, steel floor mounted bunk, steel table with attached seating secured to the floor.

Equipment - Stainless steel penal type sink and toilet, floor drain, intercom in the door frame of the cell with monitoring capability, volume control and call button. Dayroom will be equipped with one Video Visitation station.

Doors- Metal security type with large reflective security glass window and lockable food pass.

Windows - Skylights will be used to emit required natural light.

## Central Control Room

This will be located in the center of all the main jail housing units with direct vision into each unit. All electronic locking doors, TVs, intercoms, video visitation, exterior and interior cameras and other functions of the main jail housing and jail support areas are controlled from the panel in this room. One person would be able to control the functions of the facility. Central control is a fixed post operating 24 hours per day, 7 days per week. This area will also function as the 911 / Dispatch Center and should be sized to accommodate two E911 stations coordinated with the Security Control system.

Design Criteria NSF: 500

General Design Description - This is a secure, self-contained area within the security perimeter of the jail. The Central Control Room will have a separate bathroom, separate climate control system, and access/egress system as compared to the remainder of the facility. It must have its own security envelope separate from that of the rest of the secure area, including secure walls, glazing, doors, ceilings, floor, and entry. A pass-through door or slot is needed to transfer paperwork and keys. The flooring will be raised to allow for security equipment conduit, maintenance accessibility and for improving lines of sight through windows from a sitting position. The control room should be situated so as to provide direct or indirect sightlines into as many housing units as possible, as well as the intake area, and the main corridor. The security control and monitoring panels must be designed so as to minimize movement of the control officer. Equipment space must be accommodated above the Control Room or in close proximity for all Security Systems and E911 Systems.

Furniture – Countertop, 911/Control Stations with chair, Filing cabinets.

Equipment - Control panel containing door controls, color CCTV monitors, intercom and communication systems, emergency alarm, E911 station, Phone and fire alarm systems.

Doors - Steel lockable doors.

Windows - Security glass windows placed as to allow most visibility of surrounding rooms as possible. Use of mirrored glazing can be employed to eliminate lines of sight.

General Design Description - This is a high security area. This area requires the use of concrete, steel, and high security glazing. It requires officers to be safely separated from the inmates, but still have a high visibility surveillance capability.

## **Exercise Area**

The exercise area will be available for outdoor and indoor exercise by inmates on a scheduled basis. It will be an enclosed area equipped with a retractable door at a minimum elevation of 10', security mesh and bug screen to permit fresh air and sunlight, and provide a secure, warm enclosure as needed. Exercise must be available to the inmates for at least two 1-hour periods per week per Iowa Jail Standards. The activities may include calisthenics, aerobics, walking, etc. Ceiling height must be a minimum of 18 feet. There will be sufficient floor space that allows large muscle movement and exercise. The exercise area will be used for fire evacuation from the jail housing area. There will be a secure sallyport with an exit to the exterior of the building. The exercise area should be located for directed access and provide an entrance that eliminates line of sight when the females are moved to exercise.

Design Criteria: NSF: 500

Equipment - CCTV monitored at control room.

Doors - Steel security swing out type door.

## **Janitorial Storage and Supply**

This room will be used for storage of equipment used by janitorial staff, storage of all cleaning supplies, restroom supplies, and various chemical agents associated with cleaning and maintenance of the facility. It should be located centrally to the main jail housing unit.

Design Criteria:

NSF: 50

Equipment: Janitorial materials (buckets, mops, buffers, etc). Shelving for supplies (light bulbs, paper products, waxes, stripping agents, etc).

Doors – Steel entry door (lockable)

## **Vehicular Sallyport**

The drive thru vehicle sallyport will be designed so as to allow in-coming law enforcement and transport officers to drive vehicles into a secure area for loading and unloading prisoners. This area should be designed to accommodate patrol vehicles. The overhead doors should be sized to accommodate emergency vehicles also. Trench drain, carbon monoxide detectors, hose bibs and a unit heater would be provided in this space. It would be located adjacent to the booking area. The control room controls interlocking overhead doors and exterior doors. Also located within this Sallyport area will be single shower, changing bench, and eyewash station to be used for decontamination procedures when necessary. A small fenced in area for storage of larger evidence could be included if possible.

Design Criteria:

NSF: 1000

Furniture - 4 built in gun lockers.

Equipment - Vehicle washing equipment, CCTV cameras located at entrance, interior of sallyport and outside exit. Intercom at vehicle signal point, walk in door and inside the sallyport near interior intake door. Plumbing for car washing equipment should be incorporated.

Doors – Provide large secure metal garage doors at either end of the sallyport for entrance and exit of vehicles. There will be a metal security walk in door next to the incoming garage door.

## **Intake Holding Cell - Two Cells - 3 Each**

The intake holding cell is designed to keep inmates secure while they are being processed into the facility or while they are awaiting transportation to another location. The control room staff will monitor these units electronically via CCTV on a continuous basis. Holding cell may hold up to 4 inmates for up to 24 hours.

- Design Criteria:

8 inmates

3 cells @ 20 SF per ea. Inmate = 160 Total NSF

Furniture – None

Equipment - Stainless steel penal type sink and toilet combo, concrete or wooden benches mounted along opposite walls with adequate sitting space for up to 4 inmates, floor drain, intercom with monitoring capability and volume control, and CCTV.

Doors - Metal security type with large security glass window and lockable food pass to allow for securing of inmates prior to opening of door.

## **Detoxification / Padded Cell**

This holding area is designed for maximum security and will contain a one-person detoxification cell to be used for male or female prisoners. This space will be arranged so as to allow staff to closely monitor inebriated persons who are admitted to the facility. The inmates who are inebriated to the extent that they may be a danger to themselves or to others will be housed in these units. Direct entry from the Vehicular Sallyport should be provided.

- Design Criteria:

1 inmate

Single cell @ 35 SF unencumbered

Equipment – Flushing Floor Sink, exterior hose reel, intercom with monitoring capability and volume control, and CCTV.

Doors - Metal security type with large security glass window and lockable food pass.

Windows - Window in interior door.

## **Inmate Booking**

The booking area is where all inmates are processed in and out of the Correctional Center. It will be located directly off of the Vehicular Sallyport and surrounded by the holding cells, search area, and medical exam room. The area will have cameras and digital recording for monitoring inmate's actions. The live scan and intoxilizer will be located at the booking desk. The control room will monitor this area and booking can control the holding cells doors. There will be a secure sallyport outside booking with a bench that inmates can be locked down. A transaction window and counter will be located so officers can fill out their reports in the secure sallyport prior to accepting the inmate into the facility. Work release inmates will report to this window to be searched and processed back into the facility. A panic button should be installed in case of emergency.

Design Criteria:

NSF: 250

Furniture - Booking counter, LiveScan/Photo area, CCTV monitoring cameras to view entire area by control room with a remote to the Jail Administrator.

Equipment - CCTV, intercom, "collect only" public telephone, regular telephone, and computer terminal at booking counter. Four, 4-drawer file cabinets, shelving unit for intake forms located under booking counter.

Doors – Secure Metal doors to main housing, holding cells and corridors.

## **Search**

This area will be located directly adjacent to Booking. All inmates entering the correctional facility will be searched in this area. There will be a toilet and shower for decontamination of inmates. There should be a shelf to store some inmate issue uniforms for the inmate to change. Showers and fixtures need to meet ADA codes.

Design Criteria:

NSF: 125

Furniture - Small shelf for inmate issue for the inmate to change into.

Equipment – Shower, toilet with remote flush and fixtures meeting ADA codes.

Doors - Wood entry lockable

## **Inmate Property Storage**

The inmate property room will be a space where inmate personal property will be stored in a secure manner. Storage will be both hanging and shelving types. The property and clothing will be taken from the newly received inmate, will be laundered if necessary, and placed into storage bags and compartments in the Pacific Concepts storage unit. Items too large for the bag unit will be stored on shelves in plastic basket type containers with labels containing inmate's name and file number.

Design Criteria: NSF: 100

Furniture - Small counter for inventory and overhead cupboard for property release forms. Equipment - Pacific Concepts Strong Bags for 25 inmates and rack.

Doors - Solid Wood Entry (lockable) Exhaust fan adequate for continuous air flow.

## **Inmate Issue / Laundry**

The inmate issue area will contain clean sheets, towels, blankets, uniforms, mattresses, pillows, toiletry items (toothbrushes, combs, soap, etc) for 25 inmates plus an additional supply (approx 15 percent) on hand for replacement. An area for residential-grade washer and dryer will be included in this space.

Design Criteria: NSF: 20

## **Commissary**

The commissary storage area is used to keep various items provided to the inmates. It functions as the institutional general store in that inmates may purchase certain items on an approved list issued by the jail administrator. Examples may include toothpaste, candy bars, combs, toothbrushes, etc. The commissary items will be delivered to the living units by way of a commissary cart as opposed to the inmates going to the "store". These services are minimal.

Design Criteria: NSF: 50

Furniture - Small counter for inmate order processing and inventory functions.

Equipment - Metal shelving along wall.

Doors - Metal entry (lockable) wide enough to accommodate a small 4 wheeled cart.

**Property Storage, Inmate Issue, Laundry and Commissary could possibly be combined to reduce square footage. Coordination of storage methods and space would be required to provide proper security and safety.**

## **Mechanical / Electrical**

An area will be required for Mechanical, Electrical, Water Service and Fire Sprinkler Systems. Size will be dependent on the types of HVAC used for the Facility

Design Criteria:

NSF: 300

## **Multi-Purpose Room / Library**

The multi-purpose room will house a general and limited legal library. In addition, it will be utilized by inmates involved in activities relating to their needs. Programs such as G.E.D., A.A., job assistance skills training, religious services and counseling, and other rehabilitative services may be conducted here. All activities will be scheduled in accordance with Jail policy. Library materials will be transported to the living units in small book carts by staff. The area will also serve as the contact point between inmates and various volunteers screened by the Jail Administrator for specific programming or services. It should be monitored by camera. It may be used as a future Video Arraignment area.

Design Criteria:

NSF: 200

Furniture - The area should have a small bookcase, a small table, and chair for seating. The multi-purpose room should have a dry erase board, tables, and seating for up to 6 persons. There should be lockable storage for supplies and video/audio cassettes and DVDs.

Equipment - The multi-purpose room will be equipped with TV, VCR/DVD player, and a bookshelf.

Doors - Security with half window.



## **Attorney / Bonding Visitation / Arraignment Area**

This area will be separated into a room for the attorney, bonding agent, Magistrate, etc. and a room for the inmate. The inmate side should be located off the Booking. There will be a security window with a pass thru. The inmate will be locked in until their transaction is complete. The nonsecure side would be entered from the Administrative area. It should have a Court like appearance and be multi-functional.

Design Criteria:

Professional Visitation Room: 150 NSF  
Inmate's Room: 60 NS  
NSF: 210

Furniture – The professional visitor's room will have a chair and countertop, desk with workstation, bookshelf and additional seating for up to 4. The inmate's room will consist of a countertop and steel stool mounted to the floor.

Equipment - Each room will contain a signaling device to call for assistance or to terminate the visit. There should be a direct phone for private communication and a direct intercom system controlled from the Magistrate side.