DeSoto County

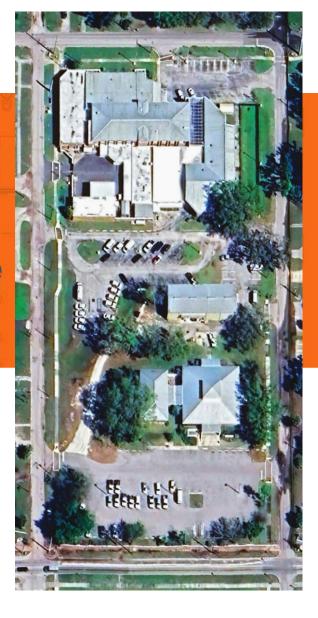
Jail and Administrative Complex Conceptual Design and Cost Estimate

Board of County Commissioners Presentation

Date: 7/8/2025









Agenda Overview

Agenda Item	Duration
Agenda Overview	5 Minutes
I. Project Overview	5 Minutes
II. Workshop Foundation	10 Minutes
III. Workshop	20 Minutes
IV. Next Steps	5 Minutes
V. Questions	15 Minutes
Total	1 Hour



I. Project Overview

- A. Purpose of the Project, Goals and Objectives
- B. Acknowledgements
- C. Approach and Methodology
- D. Understanding of the Project

Define Project Goals and Objectives

Purpose of the Project:

- To define a design direction to address the DeSoto County Jail and Administrative Complex current and future staff, space and jail bed needs (Project).

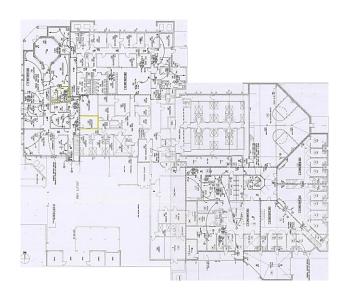
Project Goals:

- Define the Current and Twenty-Year Staff, Space and Parking Needs of the DeSoto County Jail and Administrative Complex.
- Develop Conceptual Design and an Opinion of Probable Cost to Address Those Defined Needs.
- Complete Information Necessary for a Grant Request.

Project Objectives:

- Complete Staff, Space Programming and Projected Parking to Address the Current and 20 Year Needs of a New Jail and Administrative Complex.
- Conduct a Workshop to Explore Site and Building Options to Address the Defined Needs.
- Complete Conceptual Design to Represent the Selected Preferred Workshop Option.
- Define an Opinion of Probable Cost (Estimate) and Anticipated Project Schedule.
- Complete Draft, Final Reports and Power Point
 Presentation Summarizing the Information Needed for the Grant Request.





Acknowledgements

Board of County Commissioners:

- J.C. Deriso Chair
- Steve Hickox Vice Chair
- Jerod Gross
- Judy Schaefer
- Elton Langford

Project Committee:

- Mandy Hines, County Administrator
- Peggy Waters, Grants Coordinator
- James F. Potter, Sheriff
- Colonel James Vitali, Undersheriff
- Captain Joshua Pitts, Detention Bureau
 Commander
- Captain Jose Vitali, Uniform Patrol Bureau Commander
- Captain Tim Hilgeman, Support Bureau
 Commander
- Captain Jose Raya, Investigations Bureau Commander
- Major Andrew Proudfit
- Jacob Sutton, IT Director

The Securitecture Team (project team) would like to sincerely thank the Board of County Commissioners, Committee (Committee), Sheriff's Office Staff and all those who contributed invaluable assistance with completion of this project!

Confirm Approach and Methodology

DeSoto County Jail & Administration Complex Conceptual Design and Cost Estimate

Approach and Methodology

PHASE 1: **PRE-PROJECT**

- Project "Kick-Off-Meeting"
 - Define Project Committee, Roles and Lines of
 - Confirm Goals, Objectives, Approach and Methodology.
 - Confirm All Users/Stakeholders Included in the Project and Verify Contact Information.
 - Confirm Specific Areas of Concern Identified by the County.
 - Confirm Anticipated Project Budget/Available Funds and
 - Define ROOMP Profess E Confirm Screenie and Deliverables.
- Previously Completed Feasibility Study(s).
- Plans of the Existing Facilities.
- Completed Project Contact List.
- Staff Organizational Chart or List of Staff by Position Title and Department or Division.
- Available Selected Site Information.
- Identify and Document all Regulatory Agencies, Submission and Approval

PHASE 2: **MASTER PLANNING & CONCEPTUAL DESIGN**







PHASES 3 AND 4: SCHEMATIC & DESIGN DEVELOPMENT

- Review and Confirm conclusions of Phase 2: Master Planning & Conceptual Design.
- Request and Obtain Site Survey and Subsurface Soils Investigation/Geotechnical Report.
- Initiate Early Coordination with Regulatory Agencies and Utilities.
- Progressively Develop Schematic and Design Development Documents:
 - Site/Civil.
 - Structural.
 - Architectural.
 - Mechanical, Electrical, Plumbing and Fire Protection.
 - System Narratives and Outline Specifications.
- Complete a code analysis and identify related design considerations.
- Update as Required the Phase 2 Opinion of Probable Cost, Schedule and Implementation Plan.
 - Complete Line Item Estimate.
 - Define Potential Value Engineering and Alternates to Manage the Project Budget if Required.
- Conduct and Document Committee, Uses and Stakeholders Design Meetings.
- Complete Quality Control Review Process.
- Develop, Issue and Present Phase Draft and Final Reports to Committee, Users and Stakeholders.
- Present Phase Documents and Information to Decision Makers and Request to Proceed with the Next Project Phase.

PHASE 7: **CONSTRUCTION & POST-CONSTRUCTION**

- Assist the Construction Manager (CM):
- Pre-Construction Meeting.
- Responding to Request for Information (RFIs)
- Issuance of Architectural Supplemental Instructions (ASIs)
- Development and Review of Change Order Requests (COs).
- Shop Drawing Review.
- Review of Pay Applications.
- Punch List Development and Review.
- Issuance of Certificate of Substantial Completion and Occupancy.
- Attendance of Construction Progress Meetings.
- On Site Review to Confirm Work is Being Completed in Accordance to the Construction Documents.
- Assistance with One Year Warrantee Period.

PHASE 6: **BIDDING AND AWARD**

Issue Permitting and Bid Documents.

- Assist the Construction Manager:
 - Pre-Bid Conference.
 - Response to Bidder Questions.
 - Issuance of Addendums and Required.
 - Receipt, Review and Confirmation of Bids.
 - Value Engineering to Achieve the Budget as Required.
- Presentation of the Bids to the Decision Makers.
- Draft, Final and Executed Contractor/Subcontractor Agreements.
- Receipt of Regulatory Agency Approvals and Permits.
- Completion Conformed Construction Documents.

CONSTRUCTION DOCUMENTS

- Revise the Design Based Upon Comments Received Phase 3 Product.
- Conduct and Document Committee and User/Stakeholder Design Meeting.
- Complete Utility and Regulatory Agency Approval Coordination.
- Complete all Permitting, Bid and Construction Drawings, Details, Schedules and Specifications.
- Continual Management of Opinion of Probable Cost, Schedule and Implementation
- Conduct and Document Committee, Users and Stakeholders Design Meetings.
- Complete Quality Control Review Process.
- Present Phase Documents and Information to Decision Makers and Request to Proceed with the Next Project Phase.



Approach and Methodology

STEP 1: PRE-WORKSHOP

- Review, Validate or Revise:
 - Previously Completed Feasibility Study(s).
 - Architectural Space Program.
 - Staff Program.
- Parking Needs.
- Define Charrette Logistics:
 - Participants. Location, Date and Time.
- Develop Charrette Presentation Power Point to Facilitate the Charrette.
- Create to Scale Charrette Base Sheets, Site and Building Blocks.
- Develop Pre-Workshop Master Plan Options:
 Site and Building Creation
 - Site and Building Graphics.
 Potential Implementation/Phasing Plan.
 - Opinion of Probable Cost.
 - Anticipated Project Schedule.
 - Staffing Shift Diagrams.

STEP 2: WORKSHOP

- Present and Confirm Foundational Information:
 - Architectural Staff and Space Programs.
- Parking Needs.
- Visioning Session:
 - Discuss Future Influences that May Change How You are Currently Operating.
 - Determine How Design Should Address These Influences.
- Round Table Discussion:
 - Review of Previous Correction Facility Designs
 Completed by the Securitecture Team.
 - Discussion and Determination of Applicable Design to Your Project.
- Presentation and Discussion of Pre-Workshop Options.
- · Explore Site and Building Options.
- · Discuss Phasing and Implementation Plans.
- Select the Preferred Option(s) for Further Development.

V

STEP 4: CONCEPTUAL DESIGN

- Conceptual Design Graphics:
 - Site Plan Diagram.
 - Floor and Roof Plan Diagram(s).
 - Staffing Shift Diagrams.
 - Exterior Image Study/Elevations.
 - Primary Building and Wall Sections.
- Finalize:
 - Opinion of Probable Cost.
 - Anticipated Phasing/Implementation Plan and Schedule.
 - Advantages and Disadvantages.
- Draft and Final Reports.
 - Complete Securitecture Team Quality Control Review.
 - Project Committee, Users and Stakeholders Review and Comments.
- Presentation to Decision Makers.

STEP 3: POST-WORKSHOP (IF REQUIRED)

- Develop Preferred Option(s) Graphics:
- Site Diagrams.
- Building(s) Diagrams.
- Staffing Shift Diagrams.
- Implementation Phase Diagrams.
- Refine of Revise:
 - Opinion of Probable Cost.
 - Anticipated Phasing/Implementation Plan and Schedule.
 - Potential Operational Budget.
- Advantages and Disadvantages.
- Present Post-Workshop information to Project Committee:
 - Select and Confirm Project Design Direction, Budget, Schedule and Implementation Plan.
 - Determine Best Means to Deliver the Project.

PHASE 2 Goals and Objectives:

- Define the project design direction.
- Establish the opinion of probable cost, implementation/phasing plan and anticipated project schedule.

Phase Process:

- Working with the project committee, users, and stakeholders to define the architectural space and staffing program.
- Develop and review pre-workshop tools.
- Conduct a workshop with the committee, users, stakeholders and decision makers to determine the best solution to address your current and future needs.
- Complete conceptual design defining the selected charrette preferred option(s).

Phase Products:

- Defined the project design direction, opinion of probable cost, implementation/phasing plan and anticipated project schedule.
- Draft and final phase reports and presentations.

Anticipated Project Schedule

Task Order 1/Step	April 2025	May 2	025	June 2025	July 2025			
Phase 1: Pre-Project	Kick	Off Meeting	5/15/202	5				
Phase 2: Master Planni	ng and Concep	tual Desi	gn					
Step1: Pre-Workshop								
Step 2: Workshop		Workshop	5/15/202	5				
Step 3: Post-Workshop (If Required)		No	ot Required	i e				
Step 4: Conceptual Design				tion to the Board of Co ioners 7/8/2025	unty			
STEP			ANTICIPATED COMPLETION					
Step1: Pre-Charrette		Mid May						
Step 2: Charrette		Mid May						
Step 3: Post-Charrette		Not Required						
Step 4: Conceptual Design		Draft Report: End of June Final Report and Presentation to the Board of County Commissioners: July 8 th , 2025						

Understanding of the Project

Summary of Findings – General:

- The existing building is in various degrees of compliance with governing code criteria.
- Many of the issues are the same as noted in
- the NIC (National Institute of Corrections Study).
- Current issues are grandfathered in, with the exception of issues that pose and imminent danger to personnel or detainees.

Florida Building Code / Life Safety Code:

- The principal issues with the FBC and LSC are related to basic construction and accessibility
- The area of increase taken for the increase in the allowable area exceeds code. This means that the building exceeds the allowable square footage per code
- Some construction materials do not have the required fire resistance/rating and therefore are not allowable. This includes paneling and wood constructed walls
- Egress is not clearly defined and paths are vague at best
- Many areas of the facility are not accessible to the handicapped this includes restrooms, and general entrance and navigation to basic rooms and areas



Florida Building Code / Life Safety Code (Cont.):

- Various areas require firewalls and smoke walls per code. These are not installed.
- The structure is not coated with a fire-resistant material; therefore, the construction type allows for less square footage than needed.
- In detention areas, accessibility was not provided at showers and is technically impossible in the existing second floor area and older areas of the facility.
- Plumbing systems are in a state of decay and many areas are in need of replacement.
- There are several documented situations where sanitary sewer piping has broken and has discharged into areas below.
- Multiple leaks have been taking place in water piping due to age of pipe.

ACA (American Correctional Association)/ FMJS (Florida Model Jail Standards):

- Older Jail Areas:

- The original jail areas do not comply with ACA/FMJS requirements as is to be expected
- Cells do not provide visibility for proper
- supervision of inmates
- Cameras or direct supervision is required but current design makes this impossible
- Inmate cells have items that are considered hazardous to inmates such as shower curtain cording

 ACA (American Correctional Association)/ FMJS (Florida Model Jail Standards) (Cont.):

- Older Jail Areas:

- Corridors are not of sufficient width. 8'-0" is required minimum
- Corridor width endangers staff who must walk through to conduct head counts and inspections
- Insufficient natural lighting is provided
- Several areas fail to provide proper inmate privacy
- Fixtures within inmate accessible areas are
- not detention grade
- Areas require higher staffing levels due to the lack of functionality
- Visitation and recreation requires transporting inmates within the facility in areas that are insufficient in design to assure inmate and staff safety
- Square footage requirements for inmates is not provided

New Jail Areas:

- Booking Area fails to provide safety and privacy as required
- Design of area requires inmates move in areas around desk that increase vulnerability of staff
- Views and sight lines are not maintained from booking to holding cells
- Video court area doubles as break room for staff
- Inmates are in proximity of materials that could pose a health risk such as silverware
- No security is provided when video arraignment is happening
- No privacy is provided due to open design

- ACA (American Correctional Association)/ FMJS (Florida Model Jail Standards) (Cont.):
 - New Jail Areas 9Cont.):
 - Chapel doubles as security electronics server room and attorney visitation
 - Room/area is not designed for multi-use
 - function
 - Privacy is not maintained for attorney visitation
 - Public(attorneys) and inmates have access to computer server
 - No sight and sound separation in holding area or while booking females and males
 - No classification separation provided
 - New dorm layout provides no separation during transport/inner facility movement
 - Extra bunks in dayrooms cause square footage requirements not to be met
 - Separation between bunks is not provided
 - Shower/toilets do not meet quantity requirements if beds are filled
 - Conduit and electrical wiring is exposed ininmate areas
 - Sight lines are not maintained in new cell areas on mezzanine from control room
 - Control room layout is poor and upgrades have left critical wiring exposed
 - Sally port has exposed piping and gate design is not secure
 - Site:
 - No buffer area for inmates to gather in the event of a fire or catastrophic evacuation
 - Perimeter fencing is not provided to maintain security
 - Public has access to doors that are used by staff for processing

Sallyport









Sexual Predator Check In/ Jail Staff Secretary





Inmate Toilet



- non-detention fixtures
- non-secure ceiling
- non-detention accessories
- non-ADA/FAC compliant
- non-ACA compliant



Staff Break Room/Video Arraignment



- poor joint use of space
- no privacy for inmates
- no privacy for staff
- no separation of staff and inmate function
- inmate access to equipment and office goods
- non-ACA and non-FMJS compliant
- abolishes intended design use for room
- negatively affects staff moral

Inmate Property Storage



- combustible finishes violate FBC and NFPA
- non-secure room for items
- lack of sufficient space for proper storage
- open/uncovered electrical receptacle
- non-accessible per FAC/ADA requirements
- makes programming and organization difficult

Chapel/Attorney Visit/Camera Server



- multi-use room not designed for multifunction
- camera server accessible to inmates and non secure public
- combustible finishes in room violate FBC and NFPA codes
- room non-secure violates ACA requirements
- room non-secure violates FMJS requirements
- lack of privacy for attorney visits
- located behind booking control area, access requires breech in Booking security
- chapel not secure
- room not designed for chapel function
- room has no sound controls, lacks privacy

Booking





- area is non-secure, inmates have access to desk
- inmates walk around three sides of area including open area/employee access
- desk location offers poor visibility into holding cells
- equipment including electronic security controls are open and accessible to inmates. This violates ACA and FMJS requirements
- design offers no separation of female and male inmates during processing which violates ACA and FMJS requirements
- casework non-flame resistant/combustible
- casework is antiquated and is in poor condition
- desk is inaccessible per ACA/FAC requirements

Central Control Room





- non-accessible per ADA/FAC requirements
- intermediate corridor creates long sight lines
- poor visibility to mezzanine level
- exposed cords and retrofit creates chaotic workspace
- corridor and design creates violation of separation requirements by gender and classification
- violates ACA and FMJS separation requirements
- antiquated layout and systems furnishings

Typical Housing Area/Pod









- With additional bunks, dayroom violates ACA and FMJS square footage requirements
- Exposed non-secure conduit is accessible to inmates which violates ACA/FMJS
- Shower heads are non-secure type
- Wear severe in cell and shower areas
- Cell bunks have no personal detention grade storage
- Extra bunks have no secure personal storage
- Separation required between bunks is not met
- Area in general violates ACA and FMJS
- Insufficient showers and toilets are provided
- Insufficient seating provided
- Finishes in showers are not long lasting
- Sight lines are not maintained in area

Outdoor Recreation







- Stairs open and accessible to inmates (gate open)
- Inmates have areas where they can climb fencing and access roof area
- Enclosure violates FBC/NFPA egress requirements

Electrical Room



- Wiring not organized, and not tagged
- Clear space in front of panels not maintained per NEC requirements

Storage Room



- multiple leaks from plumbing above ceiling
- suspect pipe insulationcould be hazardous
- bacterial hazard from leaky sanitary piping
- ceiling tile damaged and require replacement

Kitchen









- Kitchen very small for meals served
- Kitchen systems antiquated
- Kitchen design not functional
- Damaged finishes such as floor tile and walls violate health code requirements
- Various lines are not insulated as required
- Sufficient dry goods, frozen goods, and fresh foods storage space is needed
- · Equipment needs upgrading

Laundry







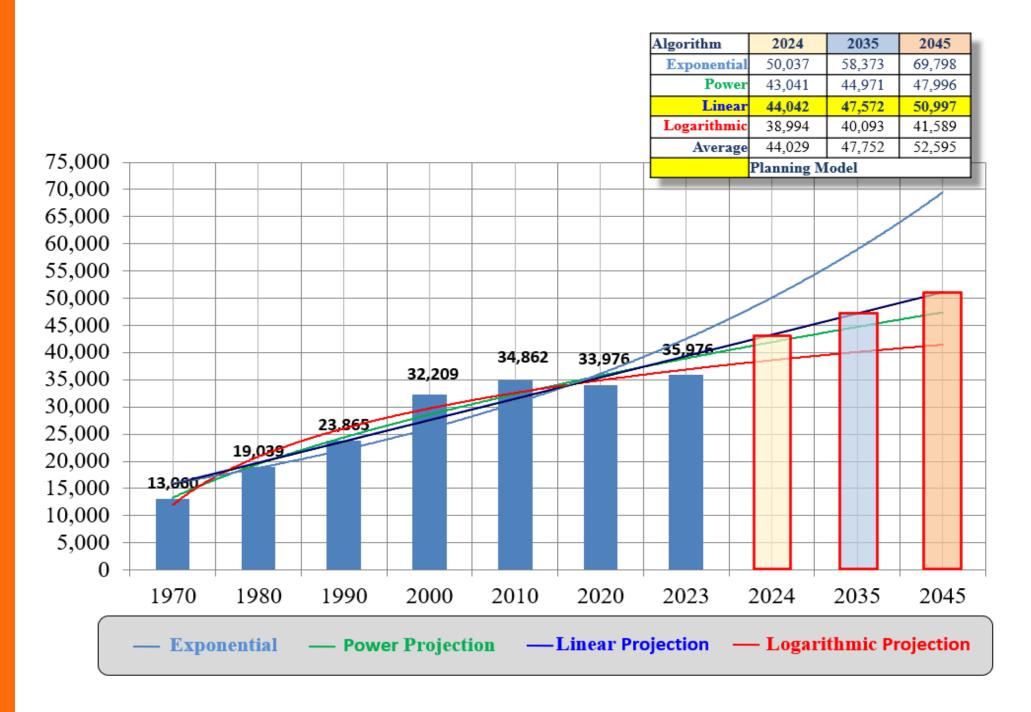
- Equipment in good condition
- Area very clean and well maintained
- Storage of chemicals violates FBC and NFPA.
 Should be enclosed in rated storage room.
 Currently open bar grating



II. Workshop Foundation

- A. Analytics and Projection Modeling
- B. Spec Standards
- C. Staff Program
- D. Architectural Space Program
- E. Revised Workshop Architectural Space Program Diagrams

Analytics and Projection Modeling



Population and Staff Projection Modeling Summary

									Populat	ion and	l Staff P	rojecti	ons											
om ponent		2025 Ad	ljusted						035								2045				Not			
		Staff		Expo	onential	100000	ower		near		rithmic		erage		nential		ower	100000	inear		rithmic		erage	
		Pop. Staff	44,042 Space	Pop. Staff	58,373 Space	Pop. Staff	44,971 Space	Pop. Staff	47,572 Space	Pop. Staff	40,093 Space	Pop. Staff	47,752 Space	Pop. Staff	69,798 Space	Pop. Staff	47,996 Space	Pop. Staff	50,977 Space	Pop. Staff	41,589 Space	Pop. Staff	52,595 Space	₩
Sheriff's Office		Stair	Space	Stall	Space	Stair	space	Stall	space	Stan	space	Stair	Space	Stair	Space	Stall	Space	Stair	Space	Stall	space	Stall	Space	╁
A. Public		0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	
B. Command		10.0	0	13.3	0	13.5	0	11.0	0	9.3	0	11.1	0	16.2	0	11.1	0	11.8	0	9.6	0	12.2	0	\Box
C. Support Bureau		38.0	C	50.4	0	38.8	0	41.0	0	34.6	0	41.2	0	60.2	0	41.4	0	44.0	0	35.9	0	45.4	0	Γ
D. Patrol Bureau		36.0	0	47.7	0	36.8	0	38.9	0	32.8	0	39.0	0	57.1	0	39.2	0	41.7	0	34.0	0	43.0	0	
E. Investigations Bure	au	14.0	0	18.6	0	14.3	0	15.1	0	12.7	0	15.2	0	22.2	0	15.3	0	16.2	0	13.2	0	16.7	0	1
	Subtotal	98.0	0	129.9	0	103.4	0	106.1	0	89.4	0	106.5	0	155.6	0	107.0	0	113.7	0	92.7	0	117.3	0	1
I. Sheriff's Office																								
F. Detention Bureau		33.0	0	43.7	0	33.7	0	35.6	0	0.010	0	35.8	0	52.3	0	36.0	0	38.2	0	31.2	0	39.4	0	
G. Intake/Booking		0.0	0	0.0	0	0.0	0	0.0	0		0	0.0	0	0.0	0	0.0		0.0	0	0.0	0	0.0	0	
H. Medical		0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	- 10	0.0	0	0.0	0	0.0	0	
I. Detention Housing		0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	
J. Program		0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	Ē
K. Kitchen/Commissa	ıry	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	Γ
	Subtotal	33.0	0	43.7	0	33.7	0	35.6	0	30.0	0	35.8	0	52.3	0	36.0	0	38.2	0	31.2	0	39.4	0	Γ
II. Support																								
I. Fleet/Infrastructure		6.0	0	8.0	0	6.1	0	6.5	0	5.5	0	6.5	0	9.5	0	6.5	0	6.9	0	5.7	0	7.2	0	\Box
	Subtotal	6.0	0.0	8.0	0.0	6.1	0.0	6.5	0.0	5.5	0.0	6.5	0.0	9.5	0.0	6.5	0.0	6.9	0.0	5.7	0.0	7.2	0.0	
	Total Staff/DGSF	137.0	0.0	181.6	0.0	143.2	0.0	148.2	0.0	124.9	0.0	148.8	0.0	217.5	0.0	149.5	0.0	158.8	0.0	129.6	0.0	163.9	0.0	\Box
otal Building Gross	Square Feet	10%	0	10%	0	10%	0	10%	0	10%	0	10%	0	10%	0	10%	0	10%	0	10%	0	10%	0	Γ
BGSF)																								
General Notes:																			F	Algorithm		2045		
1. Existing Adjusted		l.																		Linear	43,041 44,97 44,842 47,57	50.997		
2. 2025 Includes Ope 3. Part Time Staff > .:														02750						Logarithmic Average	38,994 40,093 44,029 47,753	3 41,589 2 52,595		
4. Refer to Staff Prog														75,00							Planning Model			
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	Total Staff Positions									5,00	0													
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	37.0		14	8.2			158.	8																

Notes:

- 1. 2025 Includes Open Positions
- 2. Detention housing Staff to be Adjusted Based Upon Number of Cell Pods

Space Standards Summary

DeSoto County Jail & Administration Complex Conceptual Design and Cost Estimate

Architectural Space Standards

Space Standard		Net Square Feet (NSF)			
A. Offices and Workstations					
1. Private Office Type "A" (Modified) a. Sheriff		300 NSF			
2. Private Office Type "A" a. Colonel/Undersheriff					
3. Private Office Type "B" a. Captain	c. Medical Director d. Major	192 NSF			
4. Private Office Type "B" (Modified) a. Lieutenant b. Finance Director c. Commander	c. Assistant Bureau Commander d. IT Director/911 Coordinator e. HR Director	168 NSF			
5. Private Office Type "C" (Modified) a. Shift Supervisor		144 NSF			
6. Private Office Type "C" a. Executive Administrative Assistant/Assistant b. Accreditation Manager c. Public Information Officer d. Victims Advocate e. Analyst	f. Agency Psychologist g. General Counsel h. Finance Assistant i. Future Command, Support j. Training Coordinator k. Fleet Maintenance	120 NSF			
7. Workstation Type "D" a. IT Technician/GIS		96 NSF			
8. Workstation Type "E" a. Sergeant		80 NSF			
9. Workstation Type "E" (Modified) a. Corporal b. Court Security Deputy c. SRD d. Re-Entry Navigator e. Detention Operational Assistant	f. Civil Deputy g. Command Staff h. Warrants and Records i. Crime Scene j. Inmate Services	64 NSF			
10. Workstation Type "F" a. Part Time Staff/Intern	b. Intake Officers c. Nurse Station	48 NSF			
 11. Workstation Type "G" (Worksurface) a. Report Writing Station b. Crossing Guards c. Traffic Unit 	d. Future Patrol e. Deputy f. FTO Academy g. Transport h. Custodian i. Maintenance	15 NSF			

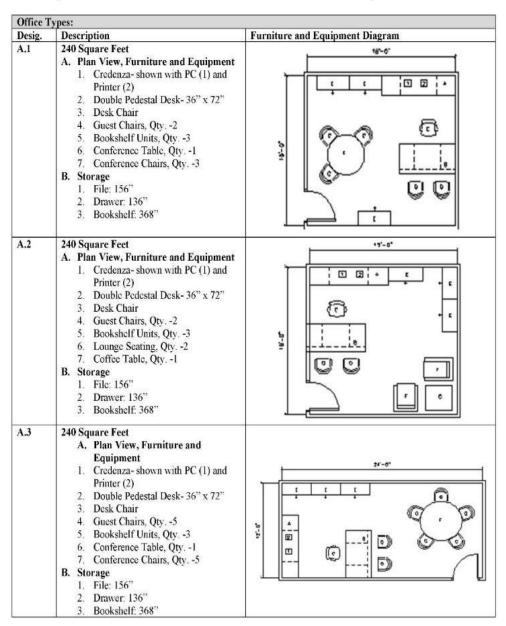
Space Standards Summary

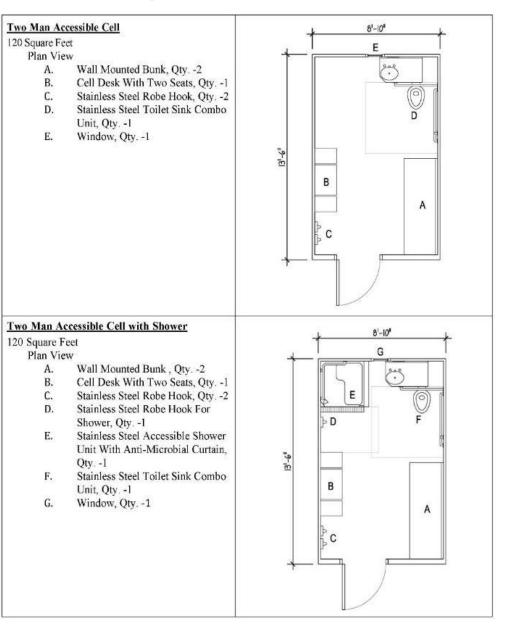
B. Conference/Meeting Rooms						
1. Seating for 2 - 4		120 NSF				
2. Seating for 4 - 6		150 NSF				
3. Seating for 6 - 8		180 NSF				
<u> </u>		U - North Charles Control Cont				
4. Seating for 8 - 10		210 NSF				
5. Seating for 10 - 12		240 NSF				
6. Seating for 12 - 14	280 NSF					
7. Seating for 14 - 16		320 NSF				
8. Seating for more than 16 persons		Approximately 18-20nsf per person				
C. Conference/Training						
1. Large room (150 persons)		3,000 NSF				
2. Medium room (70 persons)		1,400 NSF				
3. Small room (35 persons)		750 NSF				
D. Court and Hearing Rooms						
1. Large Courtroom/Jury (Gallery Seating for 130-140, 12 man j	jury with 2 alternates)	3,300 NSF				
2. Medium Courtroom/Jury (Gallery Seating for 60-70, 6 man ju	ry with 2 alternates)	1,600 NSF				
3. Small Courtroom/Hearing (Gallery Seating for 30-40, 5 man j	1,425 NSF					
4. Video Arraignment	•	Varies				
V						
E. Adult Detention	Florida Standards	ACA Standards				
1. One Man Cell Accessible	80 NSF - no standard	80 NSF				
2. One Man Accessible (HC) with Shower	89 NSF – no standard	106 NSF				
3. One Man Cell with Shower	61 NSF	94 NSF				
4. Single Cell/One Man Cell	63 NSF	70 NSF				
5. Two Man Accessible (HC) Cell		80 NSF				
6. Two Man Accessible (HC) Cell with Shower		106 NSF				
7. Multiple occupancy/Two Man Cell	40 each/80 NSF	94 NSF				
8. Two Man Cell with Shower		103 NSF				
9. Four Man Accessible (HC) Cell		188 NSF				
10. Four Man Accessible (HC) with Shower		197 NSF				
11. Four Man Cell with Shower		194 NSF				
12. Four Man Cell	40 each/160 NSF	185 NSF				
13. Eight Man Accessible (HC) Cell with Shower	TO CACIF TOO TIOT	372 NSF				
14. Eight Man Cell with Shower		366 NSF				
15. Eight Man Cell	40 each/320 NSF	357 NSF				
16. Dorm	75 NSF for Sleeping and	33/ NSF				
IV. DOIM	The state of the s					
17 T. il. 4 4 Cil	Dayroom					
17. Toilets and Sinks	1:12 Ratio of Units to Inmates					
18. Showers	1:16 Ratio of Units to Inmates					

Space Standards Summary

10 1	Dayroom	No Standard	35 NSF per Inmate Served
	Indoor Recreation	No Standard	15 NSF per Inmate, 500SF Min.
	Outdoor Recreation	No Standard	15 NSF per Inmate, 300SF Min.
A73388405 33	Program/Classroom	No Standard	15 NSF per person min.
	Kitchen	12 to 15 NSF per inmate served	12 to 15 NSF per inmate served
23. 1	Xiterien	dependent upon bulk purchasing	dependent upon bulk purchasing
24 1	Multi-Purpose	600 NSF	600 NSF
10.55.0000.190	cellaneous	000 1131	000 1131
	Workroom/Galley		120 NSF
000000	Unisex (Handicap Accessible)		56 NSF
	Public Toilet Rooms		67 NSF per w.c.
	Stairs		144 NSF per floor
20101 DA			SARE TO AN ARE SAREOUS AND DESCRIPTION OF THE SAREOUS AND
	Elevator		64 NSF per floor
	Elevator Equipment		80 NSF
	Janitor's Closet		60 NSF
W00-2 W	Hard Interview		80 – 100 NSF
	Soft Interview		160 – 200 NSF
	Evidence Storage		14 NSF per Office
100000000000000000000000000000000000000	Fitness		7 to 10 NSF per total staff
	Armory		6 NSF per total Patrol Staff
907280033AJ 186	Locker Room		5 NSF per Staff
14.	Toilets/Showers		4 NS NSF per Staff
	EOC/EMA Bunkroom		64nsf
16. '	Vehicle Sallyport (20' W x 26'W)		520 NSF per Bay
17. I	Large Van/Bus Sallyport (24' W x 50'L)		1,200 NSF per Bay
18. I	Property Storage		1 NSF per Inmate –
			Vacuum/Hanging System
19. (Clothing Storage		.5 NSF – Shelving System
	Bedding/Mattress Storage		1 NSF per Inmate
	Commissary		.75 NSF per Inmate
17.00 CONTROL	Food Preparation		3 NSF Per Inmate
	Dry-Food Storage		1 NSF per Inmate
17.00-000,-07	Non-Food Storage		.5 NSF per Inmate
	Loading Dock		1 NSF per Inmate
	Utensils		.5 NSF per Inmate
	Freezer/Cooler		1.5 NSF per Inmate
	Dish/Cart Washing		.75 NSF per Inmate
7777750074	Laundry		1 NSF per Inmate
	Clothing/Supplies Storage		.75 NSF per Inmate
	Bedding/Mattress Storage		.75 NSF per Inmate
31. 1	Dodding/Mathess Diolage		1.15 Tior per finnate

Product Examples Step 1 – Pre-Charrette: Space Standards Graphics





Staff Program Summary

DeSoto County

Jail & Administration Complex Conceptual Design and Cost Estimate

Staffing Program Summary

Department: All	

Staff Positions 2025 Staff Master Plan Options Notes: Staff Program based upon 256 Number 2035 (256 Beds) 2045 (512 Beds) Includes Potential Future Staff					
I. Sheriff's Office A. Public 0.0 0.0 0.0 B. Command 10.0 11.0 12.0 C. Support Bureau 38.0 41.0 44.0 2025: 2 open positions included in total positions included in total positions. D. Patrol Bureau 36.0 39.0 42.0 2025: 2 open positions included in total positions. E. Investigations Bureau 14.0 15.0 16.0 2025: 2 open positions included in total positions. Subtotal 98.0 106.0 114.0	Bed Cell Pod and				
A. Public 0.0 0.0 0.0 B. Command 10.0 11.0 12.0 C. Support Bureau 38.0 41.0 44.0 2025: 2 open positions included in total positions included in total positions. D. Patrol Bureau 36.0 39.0 42.0 2025: 2 open positions included in total positions. E. Investigations Bureau 14.0 15.0 16.0 2025: 2 open positions included in total positions. Subtotal 98.0 106.0 114.0					
B. Command 10.0 11.0 12.0 C. Support Bureau 38.0 41.0 44.0 2025: 2 open positions included in total positions. D. Patrol Bureau 36.0 39.0 42.0 2025: 2 open positions included in total positions. E. Investigations Bureau 14.0 15.0 16.0 2025: 2 open positions included in total positions. Subtotal 98.0 106.0 114.0					
C. Support Bureau 38.0 41.0 44.0 2025: 2 open positions included in total positions. D. Patrol Bureau 36.0 39.0 42.0 2025: 2 open positions included in total positions. E. Investigations Bureau 14.0 15.0 16.0 2025: 2 open positions included in total positions. Subtotal 98.0 106.0 114.0					
D. Patrol Bureau 36.0 39.0 42.0 2025: 2 open positions included in total E. Investigations Bureau 14.0 15.0 16.0 2025: 2 open positions included in total Subtotal 98.0 106.0 114.0 II. Jail 14.0 14.0					
E. Investigations Bureau 14.0 15.0 16.0 2025: 2 open positions included in total Subtotal 98.0 106.0 114.0 II. Jail	l				
Subtotal 98.0 106.0 114.0	l				
II. Jail	l				
Company Compan					
E Detection Property 22.0 22.0 26.9 2025, A one positions included in tate					
The second secon	l				
G. Intake/Booking 0.0 0.0					
H. Medical 0.0 0.0					
I. Detention Housing 0.0 0.0 0.0					
J. Program 0.0 0.0 0.0					
K. Kitchen/Laundry/Commissary 0.0 0.0 0.0					
Subtotal 33.00 33.00 36.80					
III. Support					
L. Infrastructure 5.0 6.0 6.0					
Subtotal 5.0 6.0 6.0					
IV. Fleet Maintenance Building					
M. Fleet Maintenance 1.0 2.0 2.0					
Subtotal 1.0 2.0 2.0					
Total 137.0 147.0 158.8					
	3. 2045 Future positions based upon Staff Projection Modeling				
1. 2025 Staff based upon provided organizational chart. 4. 2045 Assumes 2, 256 bed cell pods for master planning					
2. Open positions included in total. a. Additional Detention Bureau inmate housing staff ba	a. Additional Detention Bureau inmate housing staff based upon current shift				
Current 146 beds jail configuration is under staffed. structure.	structure.				

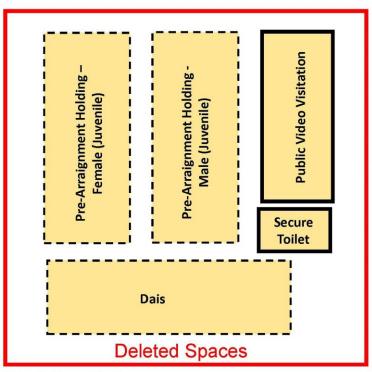
Workshop Architectural Space Program Summary

DeSoto County Jail & Administration Complex Conceptual Design and Cost Estimate

Architectural Space Program Summary - Workshop

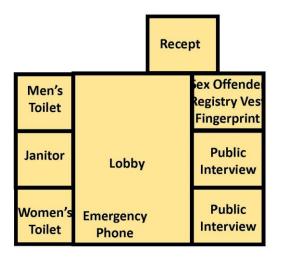
Departm	Department: All									
Division	: All									
No.	Component Adjacency: Refer to Each Do					ivision		General Remarks:		
			Original S	pace Progr	am	1/8	Workshop	1. Impound (D. Patrol Bureau)and		
		Staff	No. of	Total	Total	Staff	No. of	Total	Total DGSF	Evidence Lots (E. Investigations
			Spaces	NSF	DGSF		Spaces	NSF		Bureau) Exterior Fenced Spaces.
I.	Sheriff's Office									
A.	Public	0.0	83.0	2,148	2,470	0.0	5.0	1,012	1,164	Refer to Each Division
B.	Command	12.0	54	4,680	6,084	13.0	41	4,648		Refer to Each Division
C.	Support Bureau	44.0	58	4,248	5,522	57.0	32	3,564	4,633	Refer to Each Division
D,	Patrol Bureau	42.0	468	5,833	7,583	41.0	423	5,135	6,675	Refer to Each Division
E.	Investigations Bureau	16.0	48	5,974	7,766	16.0	50	7,084	9,209	Refer to Each Division
	Subto	tal 114.0	711	22,883		127.0	551	21,443		
	Subtotal DGSF								27,724	NSF Grossing Factor Varies
II.	Jail									
F.	Detention Bureau	36.0	46	2,497	3,246	49.0	46	2,497	3,246	Refer to Each Division
G.	Intake/Booking	0.0	67	8,412	12,463	0.0	50	7,200	1.4(p*1)(0.11) * (0.00)(0.10) * (0.00)	Refer to Each Division
H.	Medical	0.0	17	1,600	2,080	0.0	17	1,600	2,080	Refer to Each Division
I.	Detention Housing	0.0	353	26,166	37,500	0.0	353	26,166	37,500	16 Cell Blocks/Classifications
J	Program	0.0	0	0	0	0.0	0	0	10007	Included in Cell Pod A
K	Kitchen/Laundry	0.0	23	8,145	8,960	0.0	1	3,072	3,379	Revised sized for 1 cell pod
	Subto	tal 36.0	506	46,820		49.0	467	40,535		
			Subt	otal DGSF	64,249	a			58,391	NSF Grossing Factor Varies
III.	Facility Support									
L.	Infrastructure	6.0	117,715	3,354	3,521	6.0	110,902	2,303	2,419	Based Upon Office DGSF. MEP
						, 14				Included in Cell Pod
	Subto		117,715	3,354	3,521	6.0	110,902	2,303	2,419	
	Total Staff, Spaces and N	SF 156	118,933	73,056	97,195	182	111,920	64,281		
	Total Departmental Gross Square Feet (DGSF)								88,534	General Remarks:
	Buile	ling Gross	ing Factor	10%	9,720			5%	4,427	1. Total Building Summary
	Total Buil	ding Gros	s Square Fe	et (BGSF)	106,915				92,961	

Total Workshop Space Reduction: 13,954 BGSF

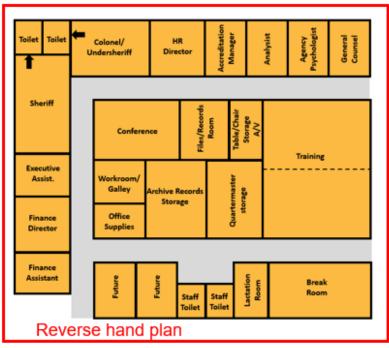


Revision Notes:

- Reduce size or toilet rooms to 1 toilet and 1 sink each.
- 2. Include 2 public interview spaces.
- 3. Include finger printing in sex offender registry.

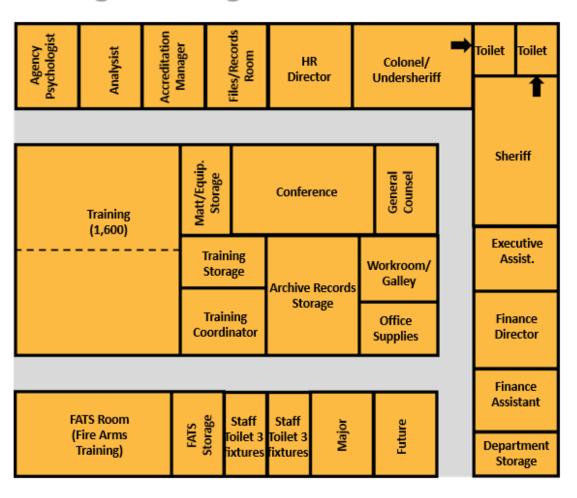


A. Public

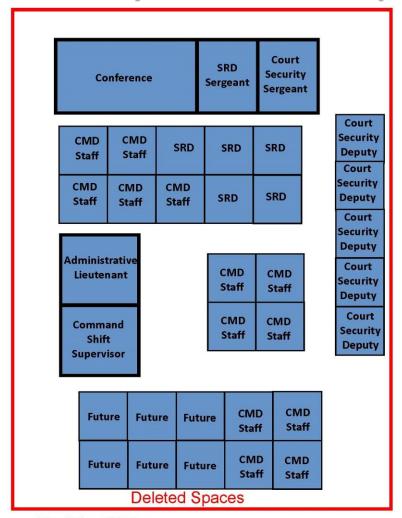


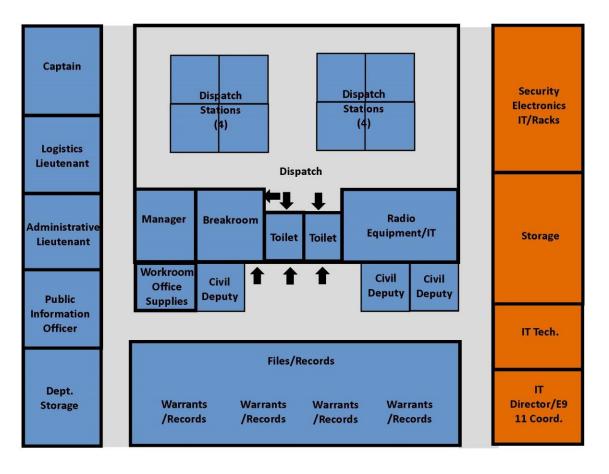
Revision Notes:

- Add FATS (Fire Arms Training) and storage.
- 2. Reorganize plan as shown.
- 3. Increase size of toilet rooms:
 - a. Men's: 1 toilet, 1 urinal and 1 sink.
 - b. Women's: 2 toilet, 1 sink.
- 4. Eliminate breakroom.
- Include matt storage in training/chair storage and adjust size to include cot storage.
- Training room(s) will also be used for defensive tactics training.
- Move Major to Command from Support Services.



B. Command

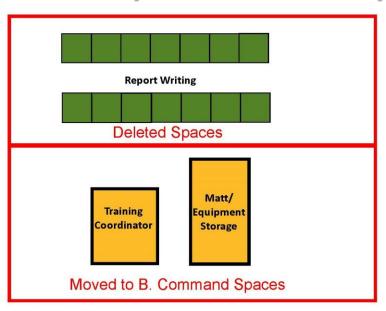




Revision Notes:

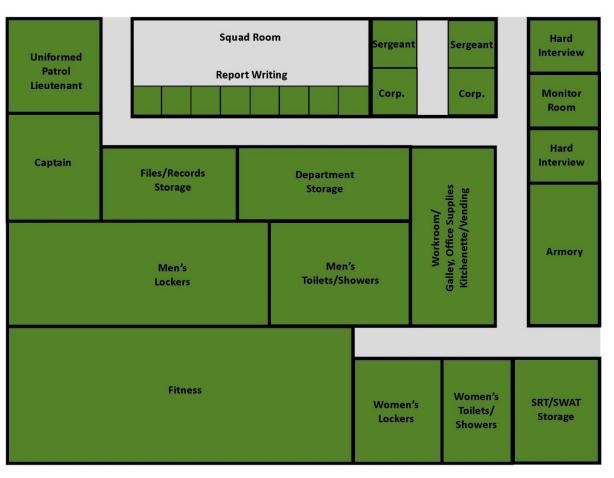
- 1. Add dispatch and support spaces.
- 2. Group Warrants/Records in shared space.

C. Support Bureau

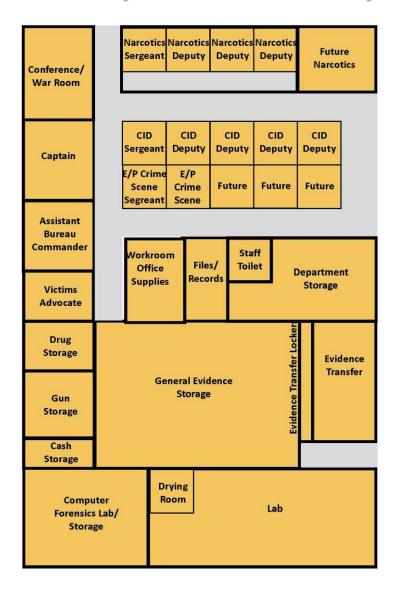


Revision Notes:

- Co-locate Workroom Office Supplies and add Kitchen/Vending to be shared with Investigations.
- Add 2 hard Interview and a between Monitor Room.
- 3. Combine Squad room with Report Writing.
- Group Sergeants and Corporals in shared room.



D. Patrol Bureau

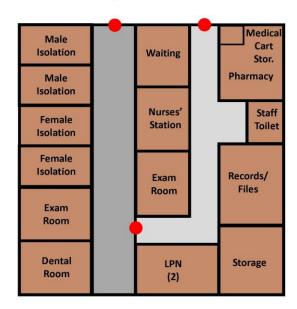


E. Investigation Bureau

Scale: 1/8" = 1'-0"

Revision Notes:

No revisions.



H. Medical

Scale: 1/8" = 1'-0"

Revision Notes:

1. No revisions.

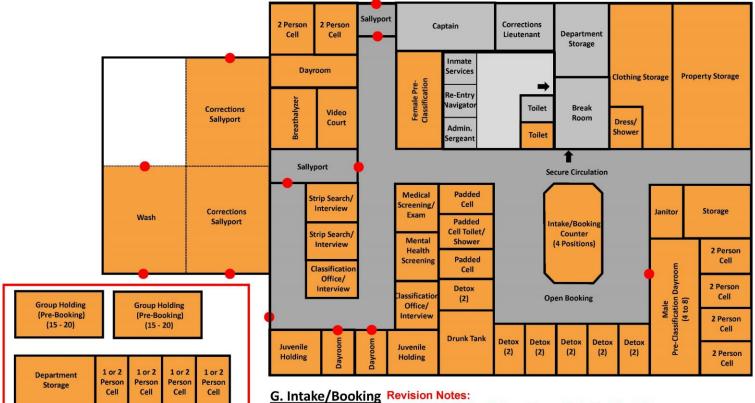
Included in I. Detention Housing – Cell Pod

J. Program

Scale: N.T.S

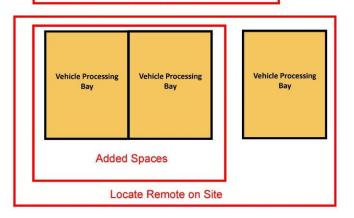
Revision Notes:

1. No revisions.



Scale: 1/8" = 1'-0"

- 1. Delete Police Sallyport bays (2). Add a Wash Bay.
- 2. Add 2 Vehicle processing bays and locate remote on site with drive through..
- 3. Delete 2 Group Holding (Pre-Booking) and add 2, 2-man cells.
- 4. Reduce Female Pre-Classification and make current location Male Pre-Classification.
- 5. Co-locate F. Detention Bureau and add breakroom to be shared with Intake/Booking.



Male

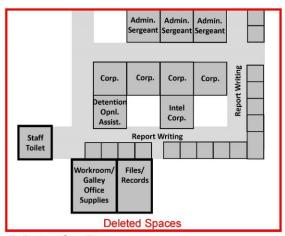
Pre-Classification

(12 to 16)

Deleted Spaces

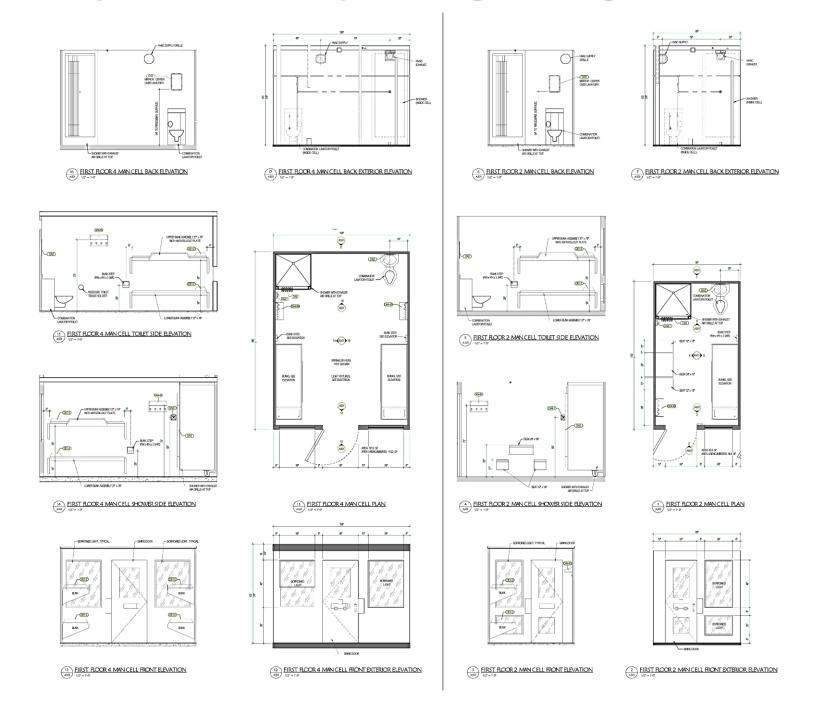
4 Person

4 Person



F. Detention Bureau

33



CMTA ALBEBRER Company

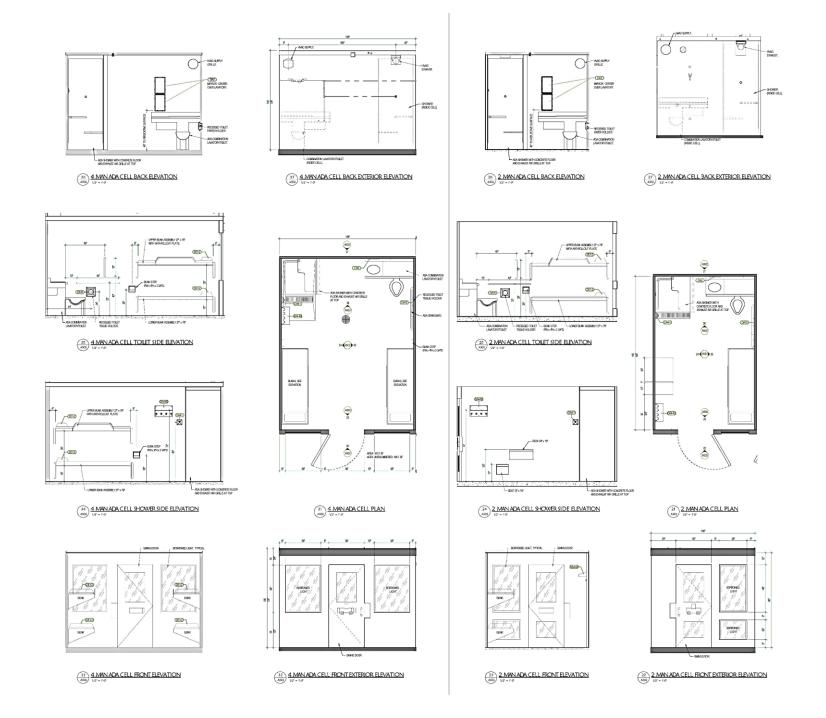
TABONMARCHE BYCE

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Jail & Administration Complex Conceptual Design and Cost Estimate DESOTO COUNTY

ARCHITECTURAL SPACE
PROGRAMMING
WORKSHOP SPACE PROGRAM DIAGRAMS

Drawing: **SP600** Date:5/28/2025





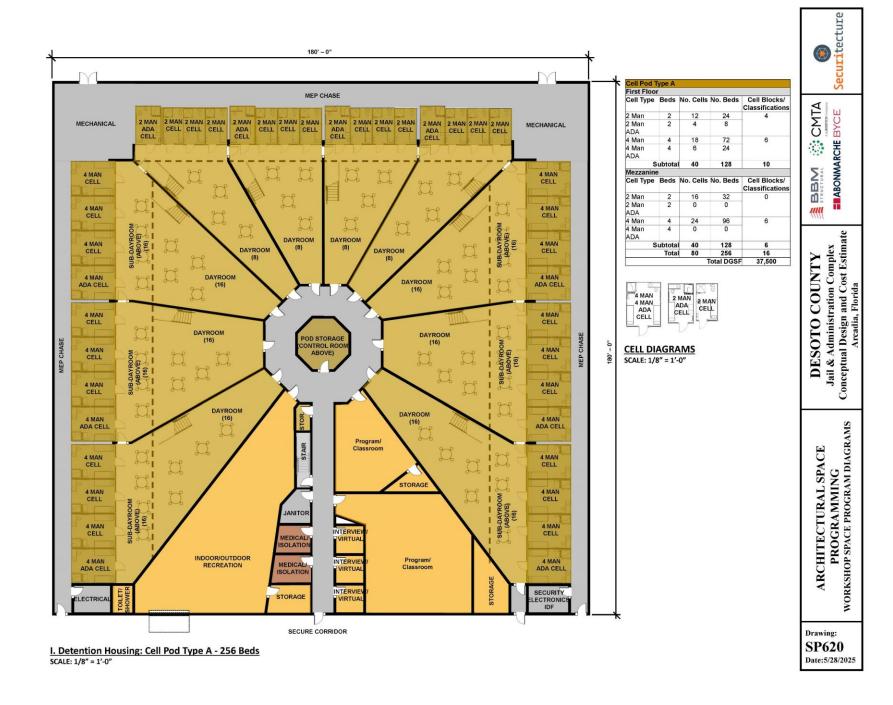
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Jail & Administration Complex Conceptual Design and Cost Estimate Areadia, Florida DESOTO COUNTY

ARCHITECTURAL SPACE
PROGRAMMING
WORKSHOP SPACE PROGRAM DIAGRAMS

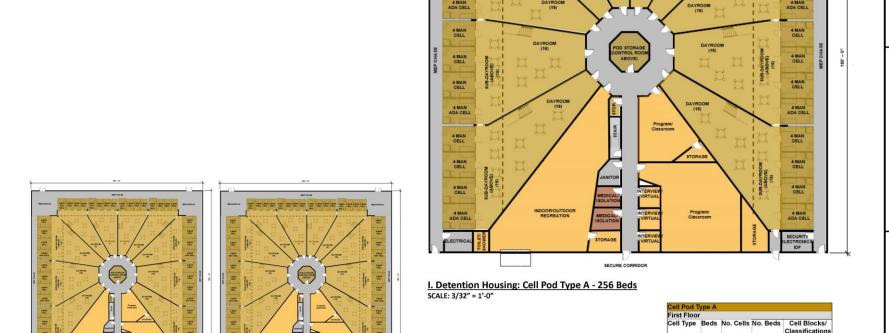
Drawing: **SP610** Date:5/28/2025



Cell Pod A: 256 Beds

Cell Pod A: 256 Beds

2 X Cell Pod A: 512 Beds



4 MAN CELL

4 MAN

4 MAN

Drawing:

SP630

Date:5/28/2025

CMTA:

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DESOTO COUNTY

4 MAN CELL

2 Man ADA 4 Man

4 Man

2 Man ADA 4 Man

4 Man

Subtotal Total

ADA

ADA

72

128

96

128

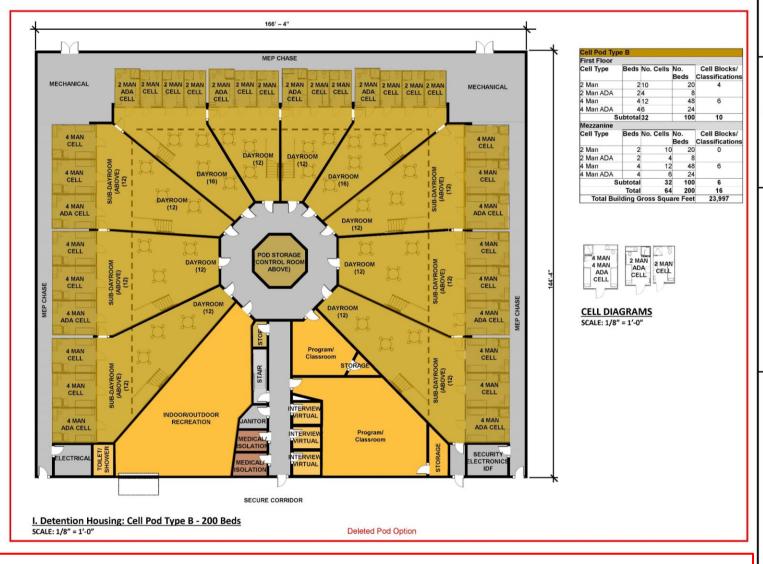
Classifications

Cell Type Beds No. Cells No. Beds Cell Blocks/

MARCHE BYCE

Jail & Administration Complex Conceptual Design and Cost Estimate Arcadia, Florida

ARCHITECTURAL SPACE
PROGRAMMING
WORKSHOP SPACE PROGRAM DIAGRAMS



Workshop discussions concluded that the current number of 146 beds had been exceeded on a number of occasions with a need of more than 190 beds. Therefore, it was determined that the 200 bed cell pod option would not provide adequate near or long term capacity and that the project should include the 256 bed cell pod.

Drawing:

SP620 Date: 5/28/2025

CMTA

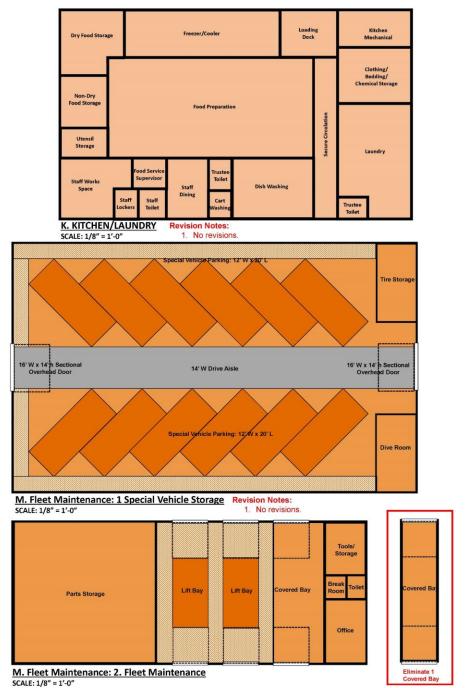
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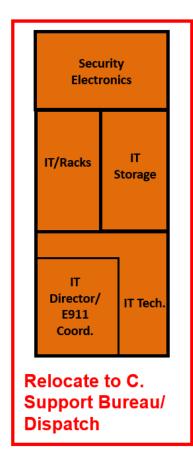
Jail & Administration Complex Conceptual Design and Cost Estimate

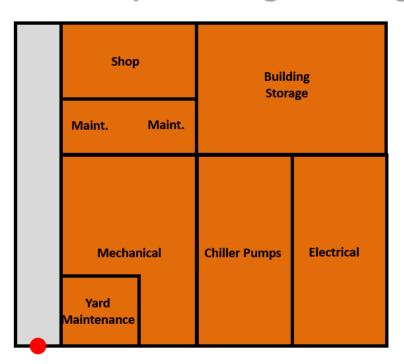
> PROGRAMMING WORKSHOP SPACE PROGRAM DIAGRAMS

DESOTO COUNTY









I. Infrastructure Bureau

SCALE: 1/8" = 1'-0"

Revision Notes:

- 1. Move Major to Command
- 2. Change former Major Office to Shop.



III. Workshop

- A. Workshop Agenda
- B. Philosophy, Goals and Objectives
- C. Example Round table Discussion Items
- D. Define and Appropriate Exterior Image
- E. Workshop Site Diagrams
- F. Opinion of Probable Cost
- G. Anticipated Project Schedule and Implementation Plan

Workshop Agenda

Agenda Item	Duration	Time
I. Agenda Overview	5 Minutes	9:00am – 9:05am
II. Introductions, Project Participants, Roles, Responsibilities and Status of Information Request	10 Minutes	9:05am – 9:15am
III. Define Project Goals and Objectives and Confirm Understanding of the Project	20 Minutes	9:15am – 9:35am
IV. Project Delivery, Anticipated Schedule and Deliverables	30 Minutes	9:35am – 10:05am
V. Analytics and Projection Modeling	15 Minutes	10:05am – 10:20am
VI. Confirm Space Standards	10 Minutes	10:20am – 10:30am
VII. Confirm Staff Program and Shift Structure	30 Minutes	10:30am – 11:00am
VIII. Confirm Architectural Space Program and Diagrams	60 Minutes	11:00am – 12:00noon
Lunch	1 Hour	12:00noon - 1:00pm
IX. Visioning, Round Table Discussion and Appropriate Exterior Image	60 Minutes	1:00pm – 2:00pm
X. Workshop Introduction and Pre-Workshop Option	20 Minutes	2:00pm – 2:20pm
XI. Workshop	60 Minutes	2:20pm – 3:20pm
XII. Next Steps	40 Minutes	3:20pm – 4:00pm
Adjourn	7 Hours	4:00pm

Workshop Philosophy, Goals and Objectives

Philosophy:

- Plan for the Future.
- There are no Dumb Ideas.
- Everyone has a say.
- Leave no stone unturned, explore all options.
- Deductive process to get to the best solution.

Goals and Objectives:

- Jump Start the decision making and design process.
- Build longstanding partnership.
- Explore site and building options.
- Build consensus for the best solution.
- Select preferred option to be explored in greater detail.

Major Efforts:

- Present major conclusions.
- Visioning session to explore how you may be doing business in the future.
- Establish the Design Direction.

Round Table Discussion: Sallyport











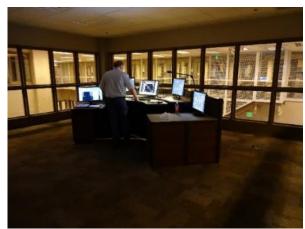
Round Table Discussion: Intake/Booking



















Round Table Discussion: Evidence





















Round Table Discussion: Property Storage















Round Table Discussion: Medical







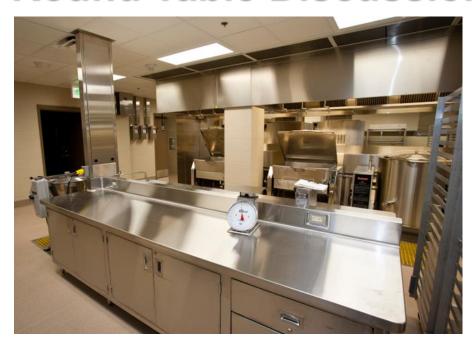








Round Table Discussion: Kitchen









Round Table Discussion: Laundry

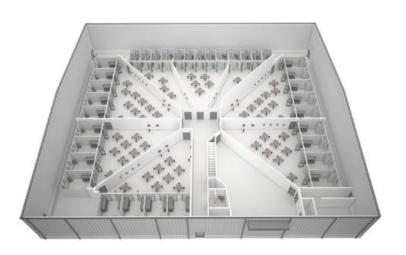






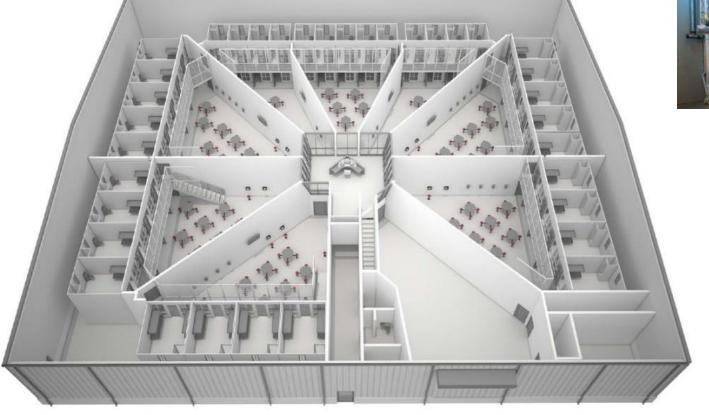


Round Table Discussion: Cell Pod



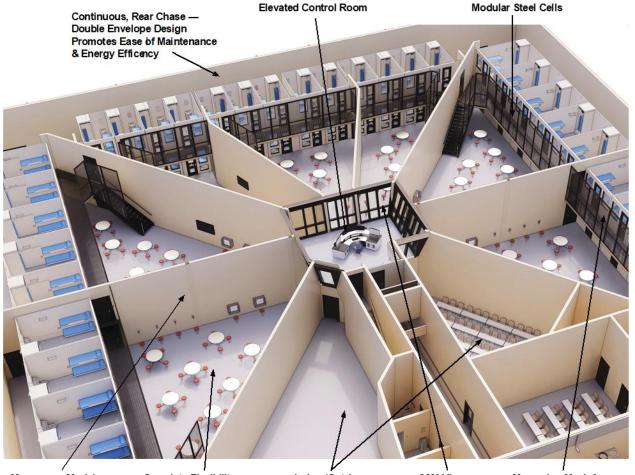


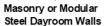






Round Table Discussion: Cell Pod & Control Room





Complete Flexibility of Operation — Sight + Sound Separation from Each Cell Block

Indoor/Outdoor Recreation and Classrooms Located Within the Pod 360° View

Mezzanine Mesh for Extra Safety







Round Table Discussion: Modular Construction

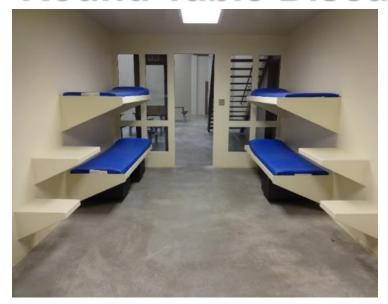








Round Table Discussion: Cells











Round Table Discussion: Exterior Image











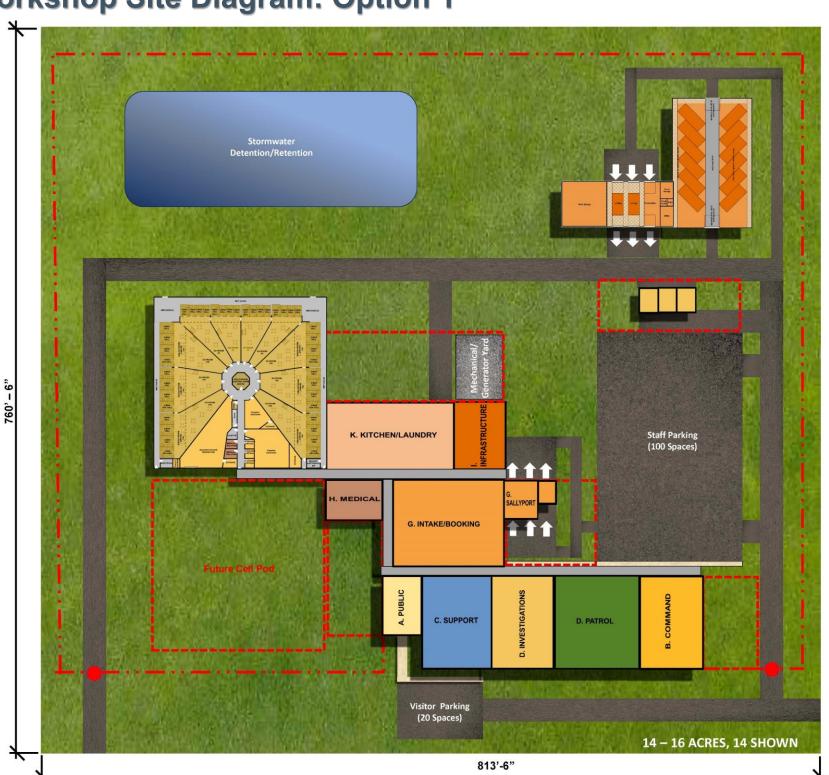




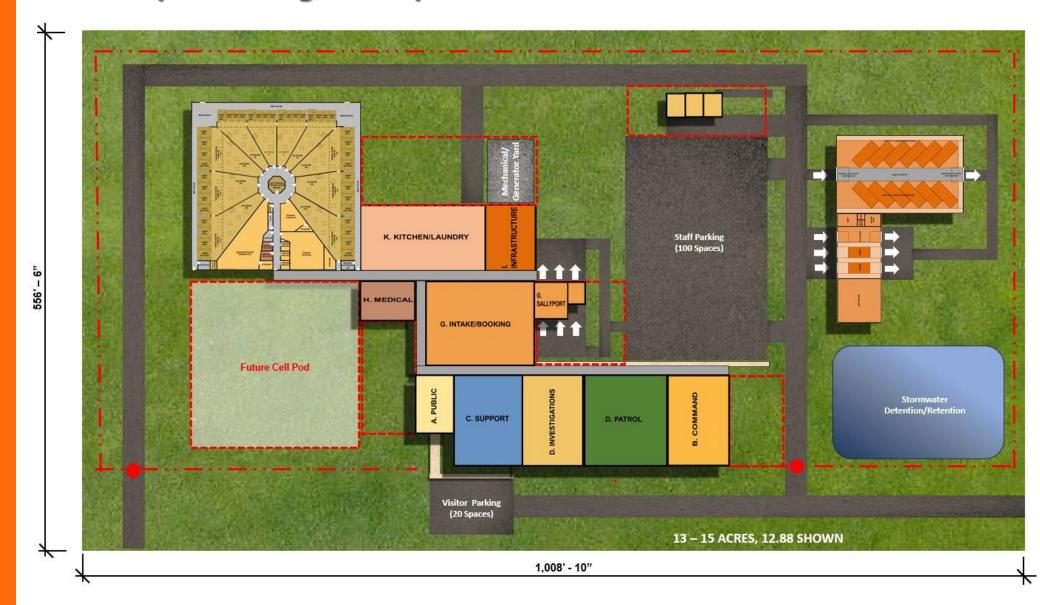




Workshop Site Diagram: Option 1



Workshop Site Diagram: Option 2



Opinion of Probable Cost Components

- Hard ConstructionCosts:
 - New Construction
 - Site Development
 - General Conditions
 - Contingencies
 - Inflationary Factors
 - Not Included:
 - UtilityExtensions

- Soft Costs Construction
 Related:
 - Survey
 - Subsurface Soils
 Investigations/Geotechnical
 Report
 - Architectural/
 - Engineering Fees
 - Construction Manager Fees
 - Contingencies
 - Inflationary Factors
 - Not Included:
 - Site Acquisition Cost
 - o Phase 1 Environmental

- Soft Costs Occupancy Related:
 - Furniture and Equipment
 - Technology
 - Audio/Visual
 - Telephone
 - Moving Expenses
 - Contingencies
 - Inflationary Factors

Hard Construction Costs



Soft Costs
Construction Related



Soft Costs
Occupancy Related

Total Project Budget

Pre-Workshop		
Building		
Range of Total		
Probable Cost		
Range	Cost	
Low	\$94,802,566	
Mean	\$102,489,260	
High	\$110,175,955	

Pre-Workshop Special Vehicles/Maintenance		
Range of Total		
Probable Cost		
Range	Cost	
Low	\$5,460,464	
Mean	\$5,903,204	
High	\$6,345,944	

Total Mean Project Cost: \$108,392,464

Workshop Building		
Range of Total		
Probable Cost		
Range	Cost	
Low	\$81,419,488	
Mean	\$88,021,068	
High	\$94,622,648	

Workshop		
Special Vehicles/Maintenance		
Range of Total		
Probable Cost		
Range	Cost	
Low	\$4,299,890	
Mean	\$4,648,530	
High	\$4,997,170	

Total Mean Project Cost: \$92,669,598

Total Mean Project Cost Reduction: \$15,722,866

Anticipated Project Schedule and Implementation Plan

- Anticipated Project Schedule:
 - Design:
 - 8 to 10 Months
 - Bidding Negotiation:
 - 1.5 to 2 Months
 - Construction:
 - 18 to 24 Months
 - Total:
 - 2.5 to 3 Years

- Implementation Plan:
 - Simple: Construct the new facility while maintaining operations at the existing facility and move in once the construction is ready for occupancy.



IV. Next Steps

Next Steps

- Take the Report Under Advisement.
- Determine What to do with the Existing Facility.
- Select and Acquire the Site.
- Determine the Project Delivery System and Funding.
- Select Design and Construction Assistant Professionals.
- Complete Design, Bidding and Construction.



V. Questions