

# **Board of County Commissioners Presentation** Date: 7/8/2025



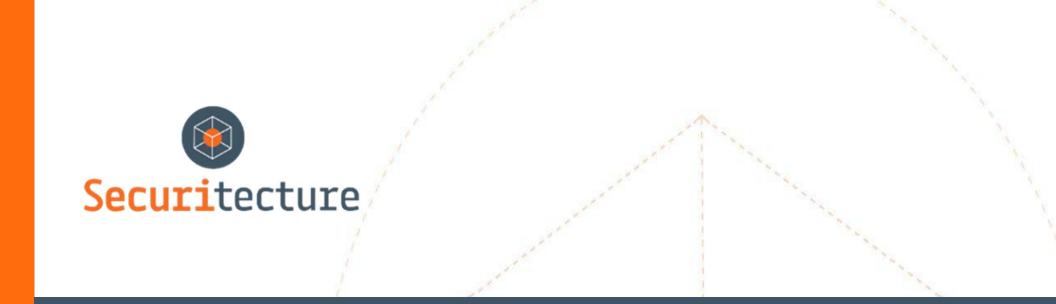






# Agenda Overview

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

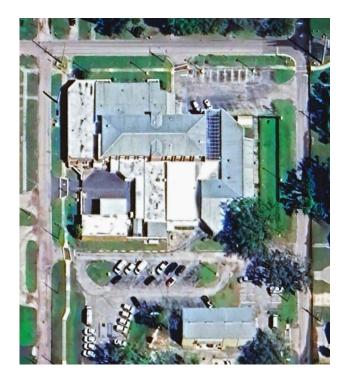
- A. Purpose of the Project, Goals and Objectives
- B. Acknowledgements
- C. Approach and Methodology
- D. Understanding of the Project

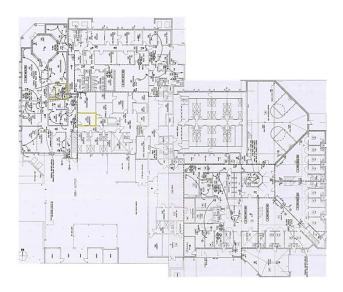
# **Define Project Goals and Objectives**

- 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

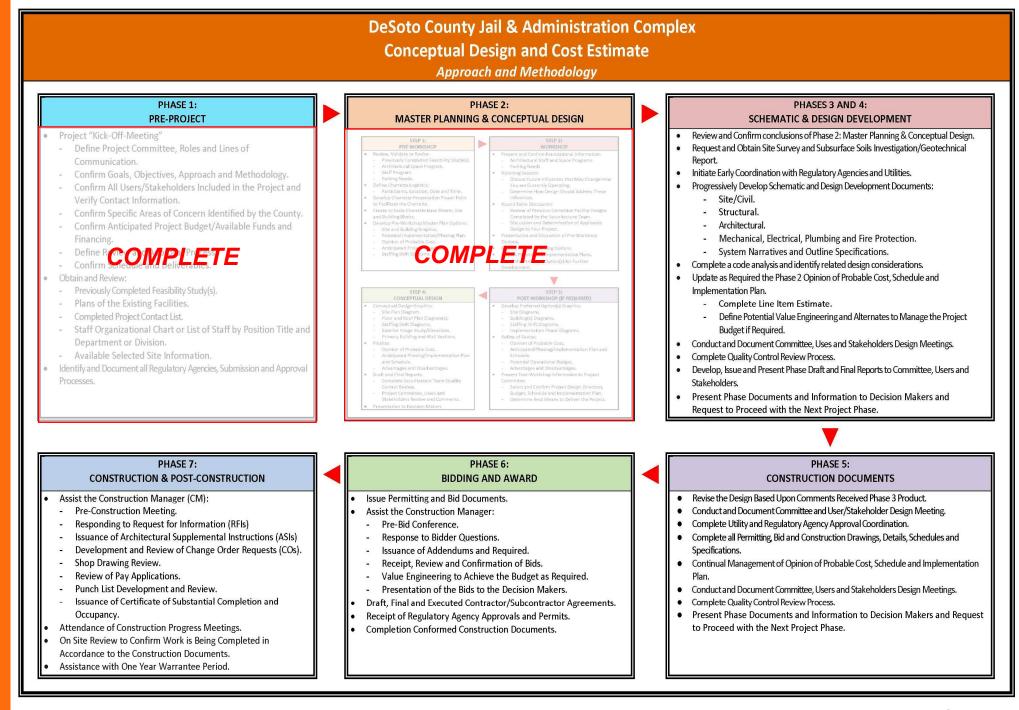
- Board of County Commissioners:
  - J.C. Deriso Chair
  - Steve Hickox Vice Chair
  - Jerod Gross
  - Judy Schaefer
  - Elton Langford

### 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**



### **Approach and Methodology**



- 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 Graphics.
- Potential Implementation/Phasing Plan.
- Opinion of Probable Cost.
- Anticipated Project Schedule.
   Staffing Shift Diagrams.

- Parking Needs.
   Visioning Session:

   Discuss Future Influences that May Change How You are Currently Operating.
- Determine How Design Should Address These Influences.

STEP 2:

WORKSHOP

Present and Confirm Foundational Information:

- Architectural Staff and Space Programs.

- 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.

#### 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	Kicl	•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	1	
Step 4: Conceptual Design		[		tion to the Board of Co ioners 7/8/2025	unty
STEP			ANTICIF	PATED COMPLETIO	N
Step1: Pre-Charrette			Mid May	,	
Step 2: Charrette			Mid May	,	
Step 3: Post-Charrette			Not Req	uired	
Step 4: Conceptual Design			Final Re	port: End of June port and Presentation Commissioners: July	

### **General, Site and Sheriff's Office Deficiencies**

#### **General Items:**

- The facility is obsolete in nearly every aspect. The facility can no longer in an efficient or effective manner meet the current mission of the Desoto County Jail and Sheriff's Office.
- The original facility has already been added onto two times.
- The Facility cannot be renovated or expanded in a manner that would prove to be cost-effective or functional into the future.

#### Site:

- The site is completely land-locked and cannot be logically added onto again.
- Secure parking spaces for staff is not available.
- Several Sheriff Office functions are housed at remote locations due to lack of space.

#### Sheriff's Office:

- The Administrative and Law Enforcement functions are spread out through the facility. Functions are not logically adjacent to similar functions but are simply placed where space can be made available.
- Space for dispatch is completely inadequate and is in a public / busy part of the building. This area needs to be more secure and remote.



### **Jail Deficiencies**

#### Jail (Housing):

- The Jail is of a design from a by-gone era.
- Layouts are extremely difficult to observe and monitor and are very staff intensive and expensive to operate. Sightlines are lacking and very dangerous for both inmates and staff.
- Most housing units do not meet current AJA or FMJS standards.

#### Jail (Intake):

- The Jail has no enclosed or covered vehicular sallyport.
- The layout of the Intake area does not allow for sight and sound separation of genders in Intake.
- Intake lacks the ability for confidential inmate/attorney conferences and inmate classification.

#### Jail (other):

- The facility environment is not conducive to the needs of the mentally ill or substance-addicted individuals.
- The facility lacks space for inmate programs such as classrooms, and recreation facilities.





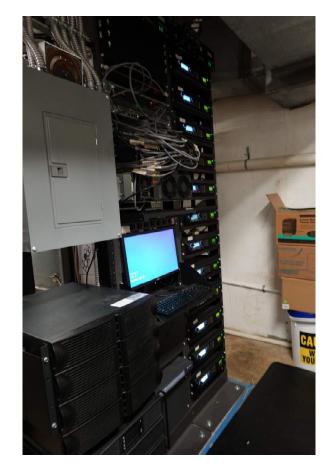
## **Physical Plant, Codes and Standards Deficiencies**

#### **Physical Plant Conditions:**

- All HVAC, electrical, plumbing, fireprotection, security electronics and technology systems are at their end of life and in need of complete replacement.
- Under floor plumbing is severely degraded and in need of complete replacement.

#### **Codes and Standards:**

 Much of the facility is non-compliant with current codes and standards, but is largely "grand-fathered" in.







- 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





- **Central Control Room**



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- 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
  - 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 insulation
   could be hazardous
- bacterial hazard from leaky sanitary piping
- ceiling tile damaged and require replacement

#### Kitchen







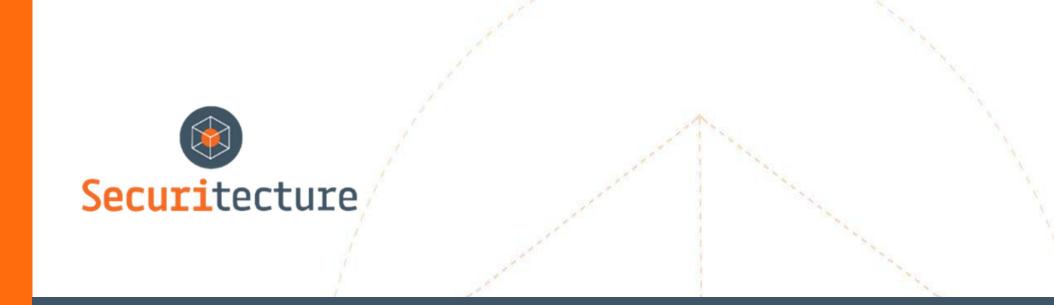


- Kitchen very small for meals served
- Kitchen systems antiquated
- Kitchen design not functional
- Damaged finishes such as floor tile and walls violate health code requirements
- Various lines are not insulated as required
- Sufficient dry goods, frozen goods, and fresh foods storage space is needed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

#### Laundry



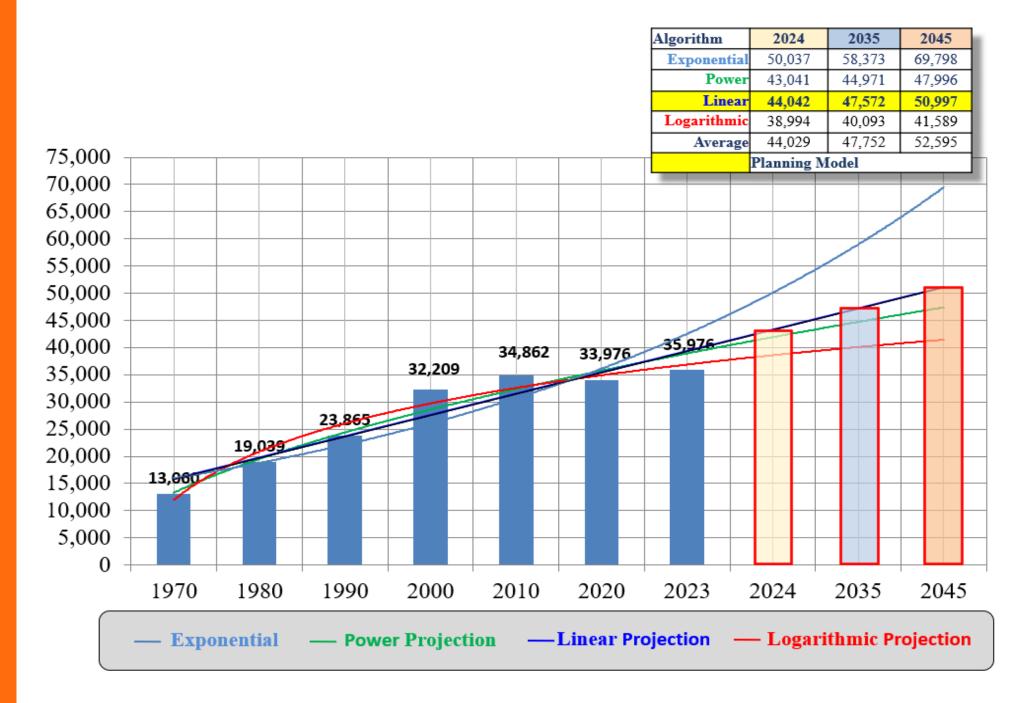
- Equipment in good condition
- Area very clean and well maintained
- Storage of chemicals violates FBC and NFPA.
   Should be enclosed in rated storage room.
   Currently open bar grating



# **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**

	Track		_						tion and	d Staff P	rojecti	ons											
omponent	2025 Ad	ljusted	E					2035	1 -				F		D			045	L Y				Not
	Staff	44,042	Expo Pop.	onential 58,373		ower 44,971	1	near 47,572		rithmic 40,093		erage 47,752		nential 69,798		ower 47,996		near 50,977	Loga Pop.	rithmic 41,589		erage 52,595	
	Pop. Staff	Space	Staff	Space	Staff	Space	Staff	Space	Staff	Space	Staff	Space	Staff	Space	Staff	Space	Staff	Space	Staff	Space	f op. Staff	Space	
Sheriff's Office		Spuce	Jun	Space		Space		Space	Jun	Space	Sturr	opuee	Jun	Space	Jun	Space	Juii	Space	Starr	opuee	~~~~	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	)
B. Command	10.0	0	13.3	0	13.5	0	11.0	(	9.3	0	11.1	0	16.2	0	11.1	0	11.8	0	9.6	0	12.2	0	)
C. Support Bureau	38.0	0	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	)
D. Patrol Bureau	36.0	0	47.7	0	36.8	0	38.9	(	32.8	0	39.0	0	57.1	0	39.2	0	41.7	0	34.0	0	43.0	0	)
E. Investigations Bureau	14.0	0	18.6	0	100.000	0	15.1	(		0	15.2	0	22.2	0	15.3	0	16.2	0	10.2	0	16.7	(	)
Subtotal	98.0	0	129.9	0	103.4	0	106.1		89.4	0	106.5	0	155.6	0	107.0	0	113.7	0	92.7	0	117.3	(	)
Sheriff's Office	22.0	0	42.7	0	22.7	0	25.0		20.0	0	25.0	0	52.2	0	26.0	0	20.2	0	21.2	0	20.4		
F. Detention Bureau	33.0	0	43.7	0	33.7 0.0	0	35.6	(	30.0	0	35.8	0	52.3 0.0	0	36.0	0	38.2	0	31.2	0	39.4	(	<u>,</u>
G. Intake/Booking		0		0	1910-00	0		(		0		0	10000	0	0.0	0	Nances	0		0	7455050	(	<u>'</u>
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	0.0	0	0.0		<u></u>
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I. Program				0		0		(		0		0		0		0	0.0	0		0			,
K. Kitchen/Commissary	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	(	<u></u>
Subtotal	33.0	0	45.7	0	33.7	0	55.6	(	30.0	0	35.8	0	52.5	0	36.0	0	38.2	U	51.2	0	39.4	(	,
I. Support	<i>(</i> )		0.0										0.5								7.0		
I. Fleet/Infrastructure	6.0		8.0	0	6.1	0	6.5	(	5.5	0	6.5	0	9.5	0	6.5	0	6.9	0	5.7	0	7.2	(	
Subtotal	6.0							0.0	-			0.0	9.5	0.0	6.5			0.0		0.0		0.0	
Total Staff/DGS	F 137.0	0.0		0.0	143.2 10%	0.0		0.0	124.9 10%	0.0	148.8 10%	0.0	217.5 10%	0.0	149.5	0.0	158.8 10%	0.0	129.6 10%	0.0	163.9 10%	0.0	2
otal Building Gross Square Feet GGSF)	10%		10%	U	10%	0	10%		10%	0	10%	0	10%	U	10%		10%	U	10%	U	10%		<b>'</b>
eneral Notes:																			Algorithm	2024 2035	2045		
3. Part Time Staff > .5 = 1 4. Refer to Staff Program able Notes:													75,00 70,00 65,00 60,00 55,00 50,00 45,00 40,00 35,00	0 0 0 0 0 0 0 0 0 0 0 0 0		32,2	34,86	32 33,976		Panning Model			
T	otal	Staf	f Po	ositio	ons								30,00 25,00 20,00 15,00 10,00 5,00	0 0 0 12,960 0	19,039	<b>23.865</b> 1990 200	0 2010	2020	2023 2	024 2035	2045		
2025		20	35			204	5									— Power Proj		—Linear Proj	ection —	· Logarithmic	Projection	)	
137.0		14	8.2			158.	8				Populat	ion Projec	tion Mod	el based uj	oon US	Census Da	ta						
Notes:	Notes:																						
1. 2025 Incl	1. 2025 Includes Open Positions																						
2. Detention housing Staff to be Adjusted Based Upon Number of Cell Pods						l																	

### **Space Standards Summary**

#### DeSoto County Jail & Administration Complex Conceptual Design and Cost Estimate

Architectural Space Standards

	Archuecturai space standaras	
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		240 NSF
3. Private Office Type "B" a. Captain	c. Medical Director d. Major	192 NSF
<ul> <li>4. Private Office Type "B" (Modified)</li> <li>a. Lieutenant</li> <li>b. Finance Director</li> <li>c. Commander</li> </ul>	<ul> <li>c. Assistant Bureau Commander</li> <li>d. IT Director/911 Coordinator</li> <li>e. HR Director</li> </ul>	168 NSF
5. Private Office Type "C" (Modified) a. Shift Supervisor		144 NSF
<ul> <li>6. Private Office Type "C" <ul> <li>a. Executive Administrative Assistant/Assistant</li> <li>b. Accreditation Manager</li> <li>c. Public Information Officer</li> <li>d. Victims Advocate</li> <li>e. Analyst</li> </ul> </li> </ul>	<ul> <li>f. Agency Psychologist</li> <li>g. General Counsel</li> <li>h. Finance Assistant</li> <li>i. Future Command, Support</li> <li>j. Training Coordinator</li> <li>k. Fleet Maintenance</li> </ul>	120 NSF
7. Workstation Type "D" a. IT Technician/GIS		96 NSF
8. Workstation Type "E" a. Sergeant		80 NSF
<ul> <li>9. Workstation Type "E" (Modified) <ul> <li>a. Corporal</li> <li>b. Court Security Deputy</li> <li>c. SRD</li> <li>d. Re-Entry Navigator</li> <li>e. Detention Operational Assistant</li> </ul> </li> </ul>	<ul> <li>f. Civil Deputy</li> <li>g. Command Staff</li> <li>h. Warrants and Records</li> <li>i. Crime Scene</li> <li>j. Inmate Services</li> </ul>	64 NSF
10. Workstation Type "F" a. Part Time Staff/Intern	<ul><li>b. Intake Officers</li><li>c. Nurse Station</li></ul>	48 NSF
11. Workstation Type "G" (Worksurface)a. Report Writing Stationb. Crossing Guardsc. Traffic Unit	d.Future Patrolh.Custodiane.Deputyi.Maintenancef.FTO Academyg.Transport	15 NSF

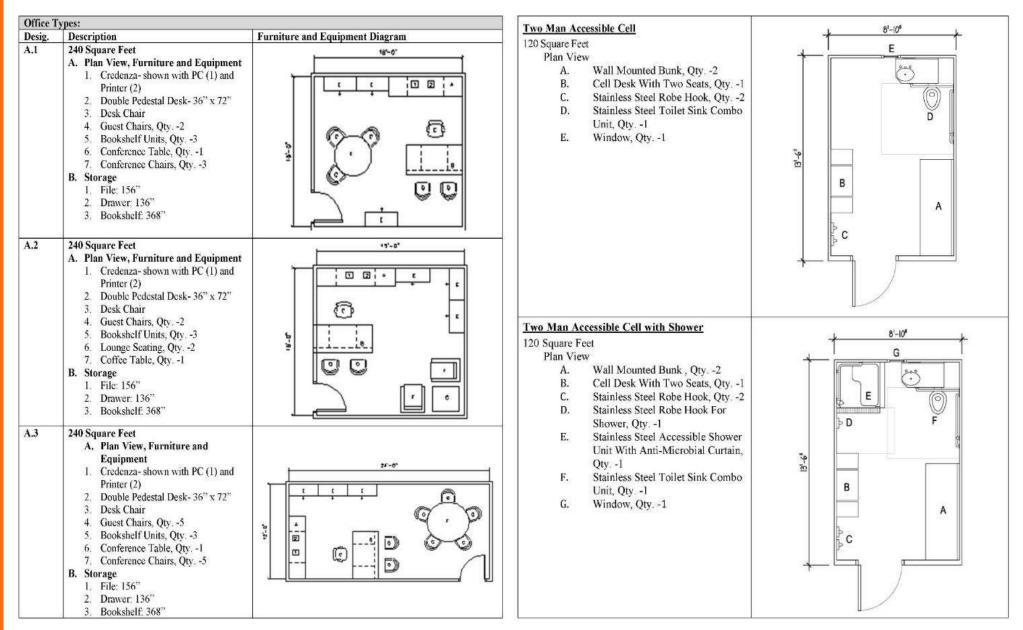
## **Space Standards Summary**

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						
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 ju	ry with 2 alternates)	3,300 NSF					
2. Medium Courtroom/Jury (Gallery Seating for 60-70, 6 man jury		1,600 NSF					
3. Small Courtroom/Hearing (Gallery Seating for 30-40, 5 man ju		1,425 NSF					
4. Video Arraignment		Varies					
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					
· · · · · · · · · · · · · · · · · · ·	40 each/160 NSF	194 NSF 185 NSF					
<ul><li>11. Four Man Cell with Shower</li><li>12. Four Man Cell</li></ul>	40 each/160 NSF	185 NSF					
11. Four Man Cell with Shower	40 each/160 NSF						
11. Four Man Cell with Shower12. Four Man Cell13. Eight Man Accessible (HC) Cell with Shower14. Eight Man Cell with Shower		185 NSF           372 NSF           366 NSF					
11. Four Man Cell with Shower         12. Four Man Cell         13. Eight Man Accessible (HC) Cell with Shower         14. Eight Man Cell with Shower         15. Eight Man Cell	40 each/320 NSF	185 NSF 372 NSF					
11. Four Man Cell with Shower12. Four Man Cell13. Eight Man Accessible (HC) Cell with Shower14. Eight Man Cell with Shower	40 each/320 NSF 75 NSF for Sleeping and	185 NSF           372 NSF           366 NSF					
11. Four Man Cell with Shower         12. Four Man Cell         13. Eight Man Accessible (HC) Cell with Shower         14. Eight Man Cell with Shower         15. Eight Man Cell	40 each/320 NSF	185 NSF           372 NSF           366 NSF					

## **Space Standards Summary**

19. Dayroom	No Standard	35 NSF per Inmate Served
20. Indoor Recreation	No Standard	15 NSF per Inmate, 500SF Min.
21. Outdoor Recreation	No Standard	15 NSF per Inmate, 750SF Min.
22. Program/Classroom	No Standard	15 NSF per person min.
23. Kitchen	12 to 15 NSF per inmate served	12 to 15 NSF per inmate served
	dependent upon bulk purchasing	dependent upon bulk purchasing
24. Multi-Purpose	600 NSF	600 NSF
E. Miscellaneous		
1. Workroom/Galley		120 NSF
2. Unisex (Handicap Accessible)		56 NSF
3. Public Toilet Rooms		67 NSF per w.c.
4. Stairs		144 NSF per floor
5. Elevator		64 NSF per floor
6. Elevator Equipment		80 NSF
7. Janitor's Closet		60 NSF
8. Hard Interview		80 – 100 NSF
9. Soft Interview		160 – 200 NSF
10. Evidence Storage		14 NSF per Office
11. Fitness		7 to 10 NSF per total staff
12. Armory		6 NSF per total Patrol Staff
13. Locker Room		5 NSF per Staff
14. Toilets/Showers		4 NS NSF per Staff
15. EOC/EMA Bunkroom		64nsf
16. Vehicle Sallyport (20' W x 26'W)		520 NSF per Bay
17. Large Van/Bus Sallyport (24' W x 50'L)		1,200 NSF per Bay
18. Property Storage		1 NSF per Inmate –
10. Hoperty Storage		Vacuum/Hanging System
19. Clothing Storage		.5 NSF – Shelving System
20. Bedding/Mattress Storage		1 NSF per Inmate
20. Bedding/Wattess biologe 21. Commissary		.75 NSF per Inmate
22. Food Preparation		3 NSF Per Inmate
23. Dry-Food Storage		1 NSF per Inmate
23. Dry-Food Storage 24. Non-Food Storage		.5 NSF per Inmate
24. Non-Food Storage 25. Loading Dock		1 NSF per Inmate
25. Loading Dock 26. Utensils		.5 NSF per Inmate
20. Otensiis 27. Freezer/Cooler		1.5 NSF per Inmate
28. Dish/Cart Washing		.75 NSF per Inmate
29. Laundry		1 NSF per Inmate
30. Clothing/Supplies Storage		.75 NSF per Inmate
31. Bedding/Mattress Storage		.75 NSF per Inmate

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



### **Staff Program Summary**

#### **DeSoto County**

Jail & Administration Complex Conceptual Design and Cost Estimate

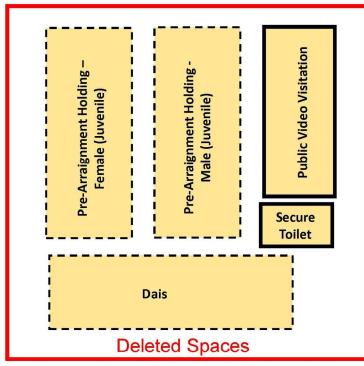
Staffing Program Summary

Department: All							
Division: All							
Staff Positions	2025 Staff	Master Pla	an Options	Notes: Staff Program based upon 256 Bed Cell Pod and Includes Potential Future Staff			
	Num ber	2035 (256 Beds)	2045 (512 Beds)				
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			
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							
F. Detention Bureau	33.0	33.0	36.8	2025: 4 open positions included in total			
G. Intake/Booking	0.0	0.0	0.0				
H. Medical	0.0	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		2.0	2.0				
Total	137.0	147.0	158.8				
General Notes:				sitions based upon Staff Projection Modeling			
1. 2025 Staff based upon provided organization	nal chart.		4. 2045 Assumes 2, 256 bed cell pods for master planning purposes.				
2. Open positions included in total.			a. Additional I	Detention Bureau inmate housing staff based upon current shift			
Current 146 beds jail configuration	is under staffed	1.	structure.				

### Workshop Architectural Space Program Summary

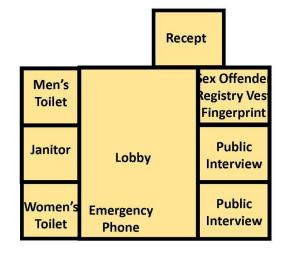
	<b>DeSoto County Jai</b>	<b>&amp;</b> A	dminis	stration	ı Comp	lex (	Concept	tual D	esign an	d Cost Estimate
		1	Architectu	iral Spac	e Prograi	n Sum	- mary - W	vorkshop	,	
Depart	ment: All									
Divisio	n: All									
No.	Component	Adjacency: Refer to Each Department/Division								General Remarks:
			<b>Original S</b>	pace Progr	am		Workshop	Space Pro	0	1. Impound (D. Patrol Bureau)and
		Staff	No. of Spaces	Total NSF	Total DGSF	Staff	No. of Spaces	Total NSF	Total DGSF	Evidence Lots (E. Investigations Bureau) Exterior Fenced Spaces.
[.	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	6,042	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
	Subtotal	114.0	711	22,883		127.0	551	21,443		
			Subte	otal DGSF	29,426				27,724	NSF Grossing Factor Varies
Ι.	Jail									
F.	Detention Bureau	36.0	10/11/11	2,497	3,246	49.0	46	2,497	-	Refer to Each Division
G.	Intake/Booking	0.0	67	8,412	12,463	0.0	50	7,200	12,186	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		16 Cell Blocks/Classifications
J.,	Program	0.0	0	0	0	0.0	0	0		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
	Subtotal	36.0	506	46,820		49.0	467	40,535		
			Subto	otal DGSF	64,249				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 Included in Cell Pod
	Subtotal	6.0	117,715	3,354	3,521	6.0	110,902	2,303	2,419	
	Total Staff, Spaces and NSF			73,056		182	111,920	64,281		
	Total Department	al Gros	s Square Fe	et (DGSF)	97,195				88,534	General Remarks:
	Buildin	g Gross	sing Factor	10%	9,720			5%	4,427	1. Total Building Summary
	Total Buildin	ig Gros	s Square Fe	et (BGSF)	106,915				92,961	

#### **Total Workshop Space Reduction: 13,954 BGSF**

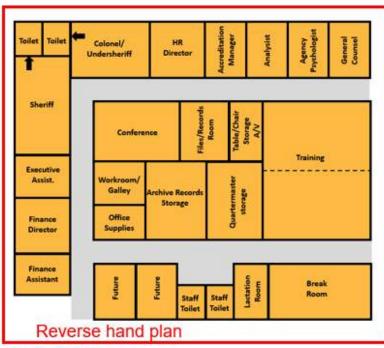


#### **Revision Notes:**

- 1. 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.

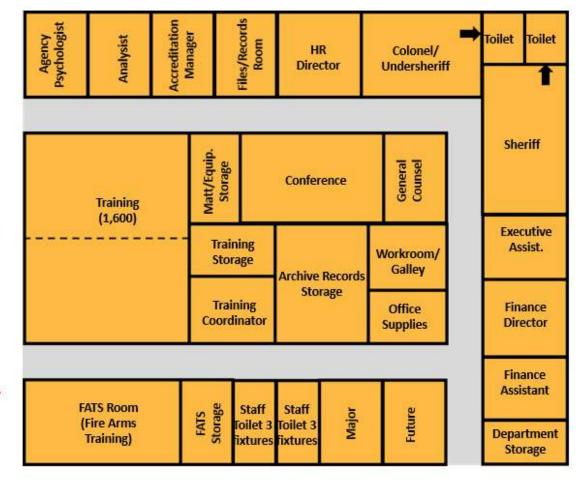


A. Public Scale: 1/8" = 1'-0"

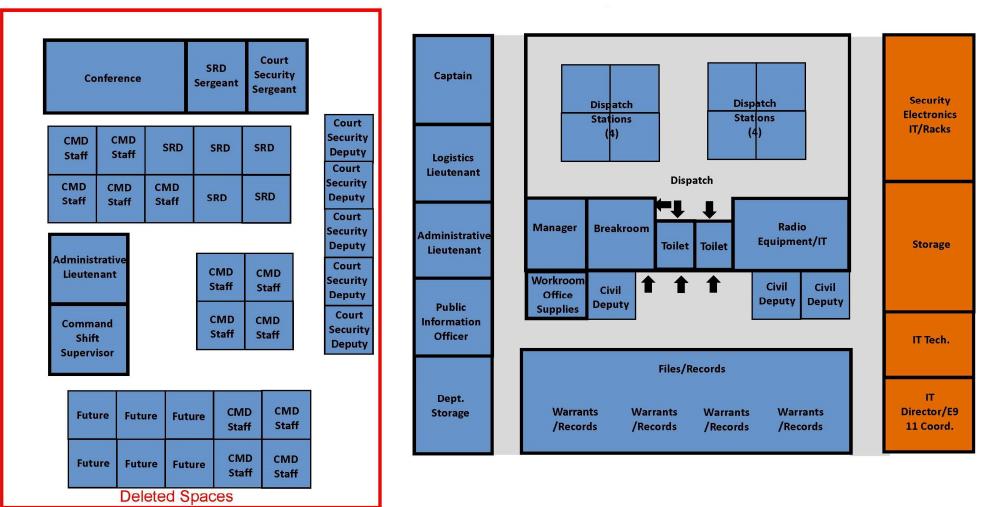


#### **Revision Notes:**

- 1. 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.
- 7. Move Major to Command from Support Services.



B. Command Scale: 1/8" = 1'-0"

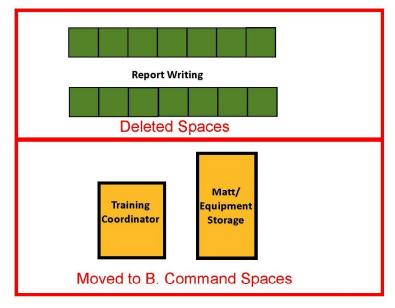


#### **Revision Notes:**

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

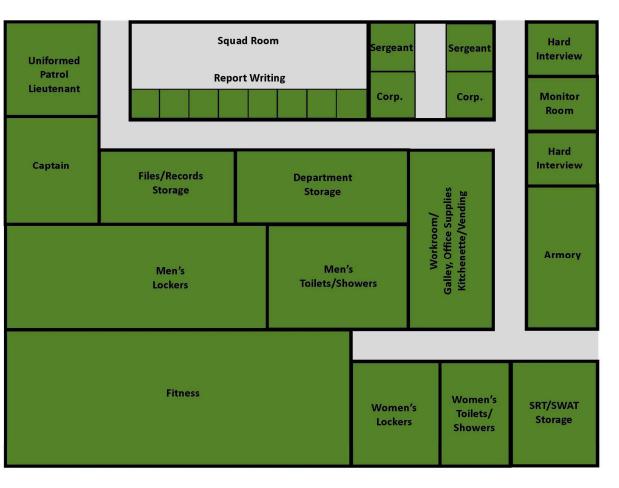
C. Support Bureau

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



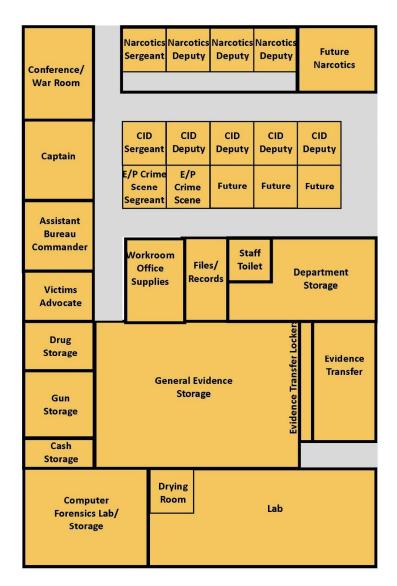
#### **Revision Notes:**

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



D. Patrol Bureau

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

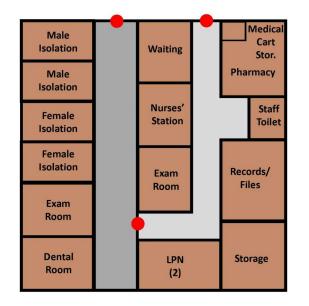


#### **E. Investigation Bureau**

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

**Revision Notes:** 

1. No revisions.



H. Medical Scale: 1/8" = 1'-0"

Revision Notes: 1. No revisions.

> Included in I. Detention Housing – Cell Pod

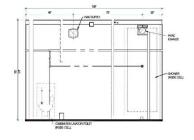
J. Program Scale: N.T.S

Revision Notes: 1. No revisions.



F. Detention Bureau





FIRST ROOR 4 MAN CELL BACK EXTERIOR ELEVATION

-

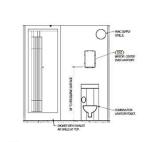
TI FIRST FLOOR 4 MAN CELL PLAN

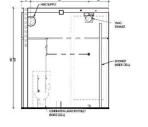
6

SMIGDOO

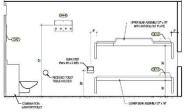
(12) FIRST ROOR 4 MAN CELL FRONT EXTERIOR ELEVATION

000







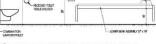


(H) FIRST ROOR 4 MANCELL SHOWER SIDE ELEVATION

13 FIRST ROOR 4 MAN CELL FRONT ELEVATION

-ROROWEDUCHT TYPICA









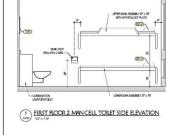
. . . 0.0 1×

SKINER WITH EXHLURATE

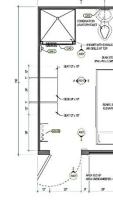
(CO) BUNK

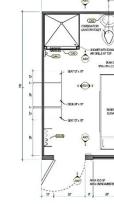
CEIDY BUNK

19 (ASI1) Oue-BUNK STEP. SEE ELEVATION 14 (450) 15 SPENNLER HEAD, NOTSHOWN BUNKS, SEE BLEWTON BUNG SEE LIGHT ROUPES SEE BECTRICAL AG1



0.0 0









SEAT 12 x 18 SHOWER WITH EXHAUST









EIRST ROOR 2 MAN CELL SHOWER SIDE ELEVATION

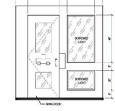


The second second

FIRST ROOR 2 MAN CELL FRONT ELEVATION











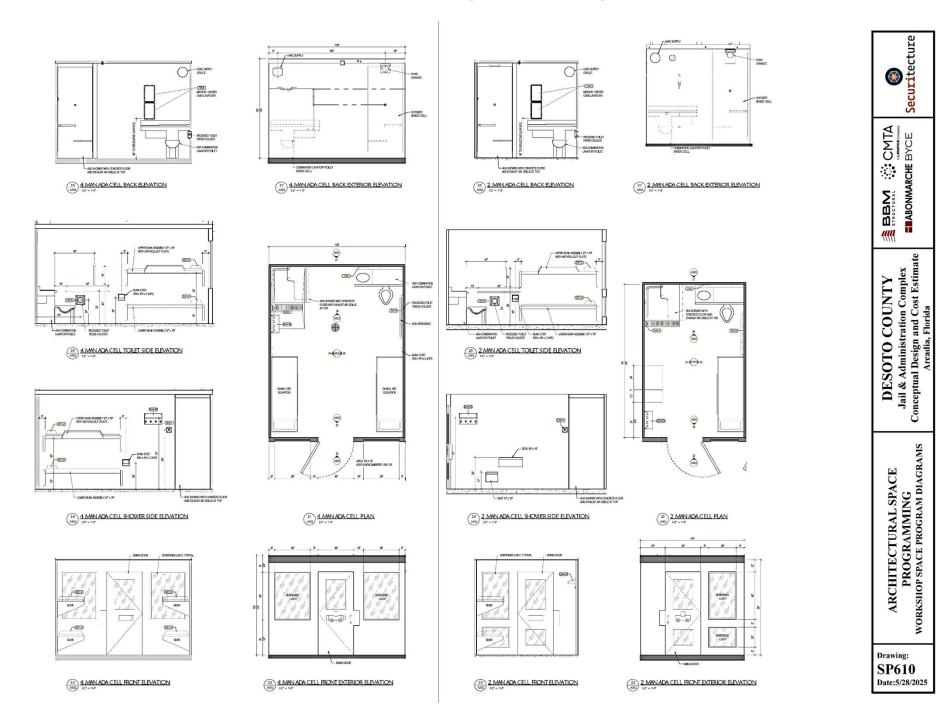
Securitecture

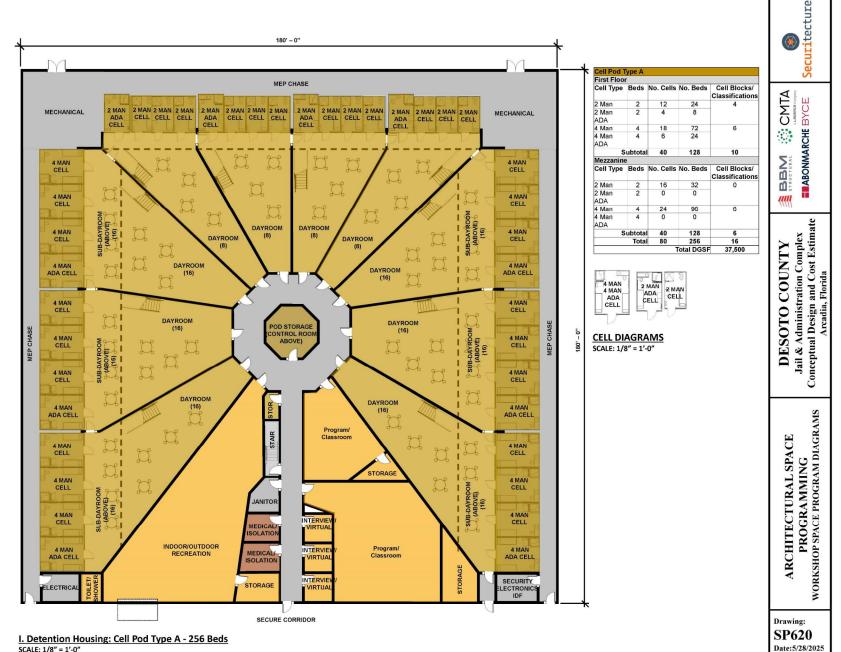
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Drawing:

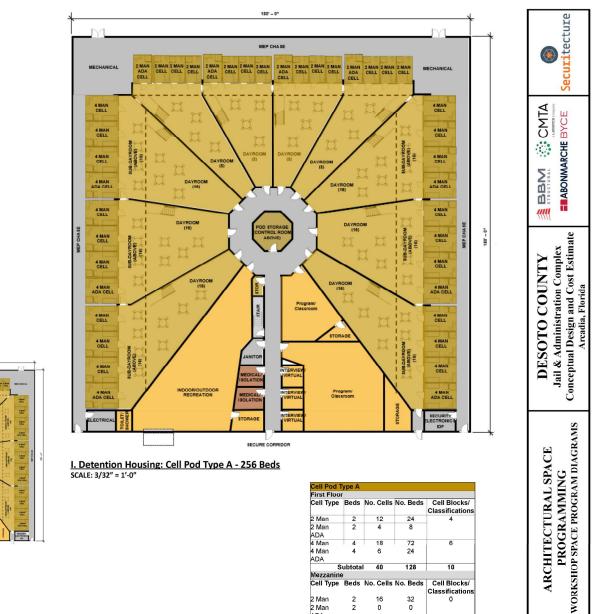
**SP600** 

Date:5/28/2025





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



2 Man

ADA 4 Man

4 Man

ADA

2 Π

4

4

Subtotal 40

Total

24

80

96

0

128

256

Total DGSF



-

ACCONTRACT ACCONTRACT ACCONTRACT ACCONTRACT

ITAM ITOM

-

POD HORAM CONTROL ROOM ABOVE

ALANTON MEDICAL

n "ERVER URTUAL N"ERVER URTUAL

Program

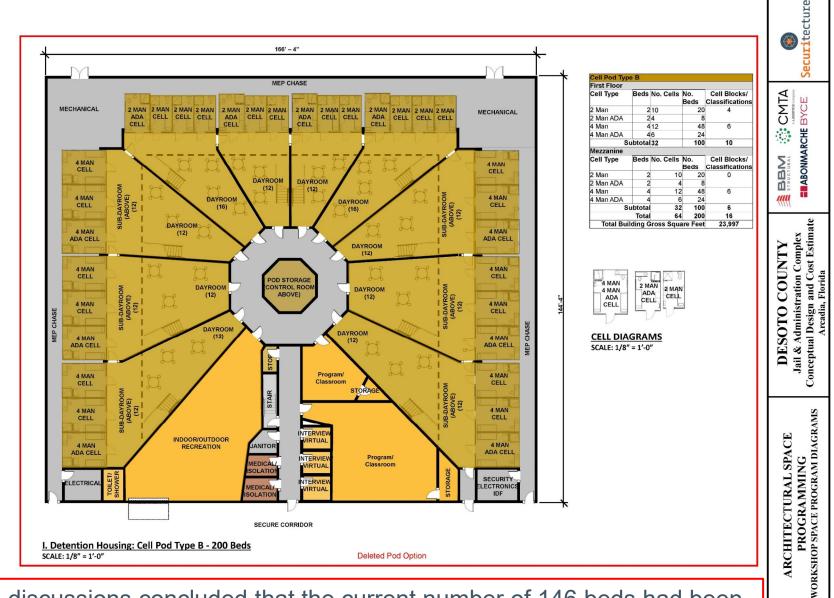
0 6

16

37.500

SP630 Date:5/28/2025

Drawing:



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.

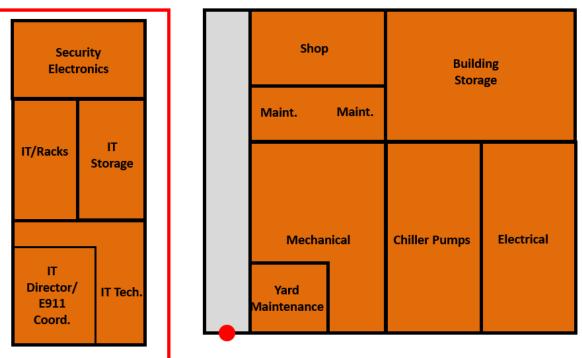
Drawing:

SP620 Date: 5/28/2025





Securitecture



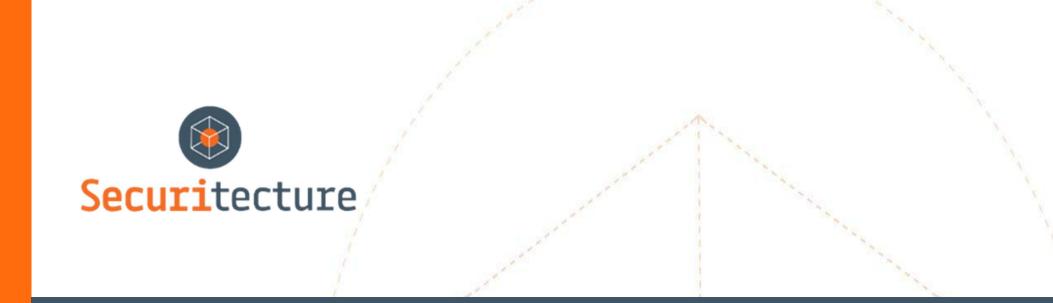
Relocate to C. Support Bureau/ Dispatch

#### 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:

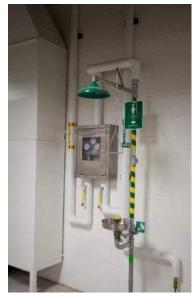
- Jump Start the decision making and design process.
- Build longstanding partnership.
- Explore site and building options.
- Build consensus for the best solution.
- Select preferred option to be explored in greater detail.

#### • 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**











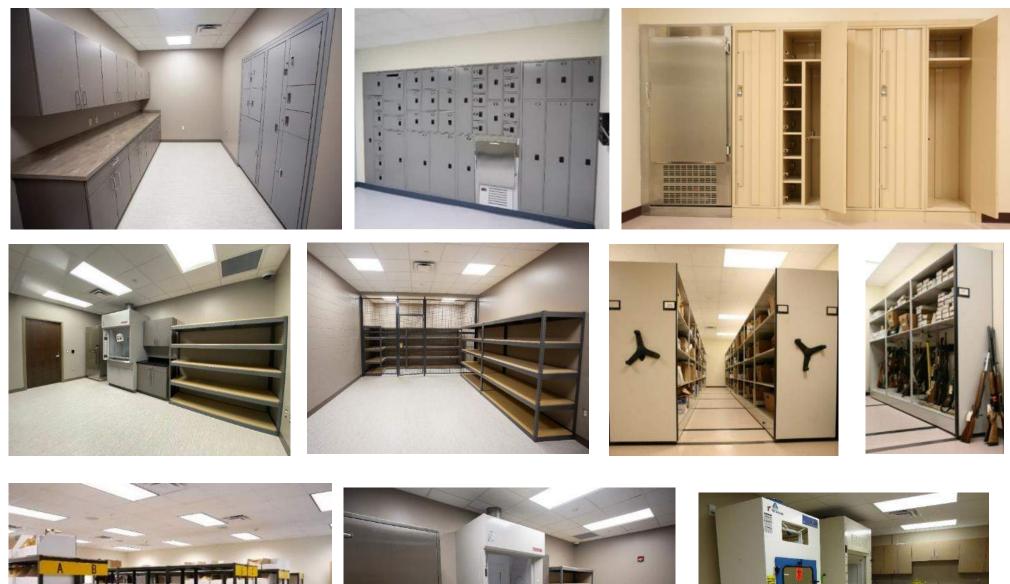








## **Round Table Discussion: Evidence**









# **Round Table Discussion: Property Storage**















### **Round Table Discussion: Medical**















## **Round Table Discussion: Kitchen**





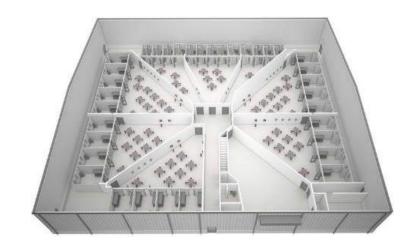




# **Round Table Discussion: Laundry**



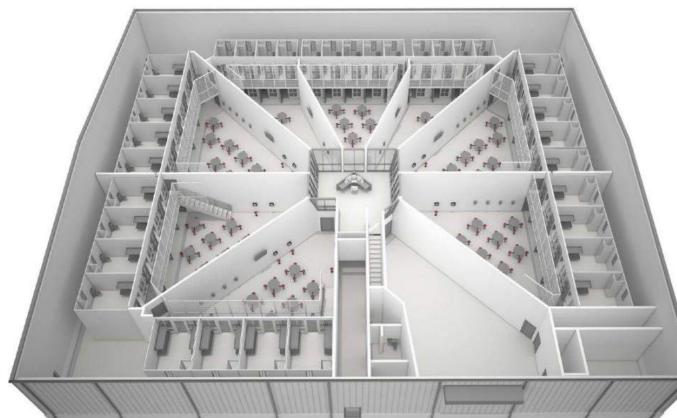
## **Round Table Discussion: Cell Pod**



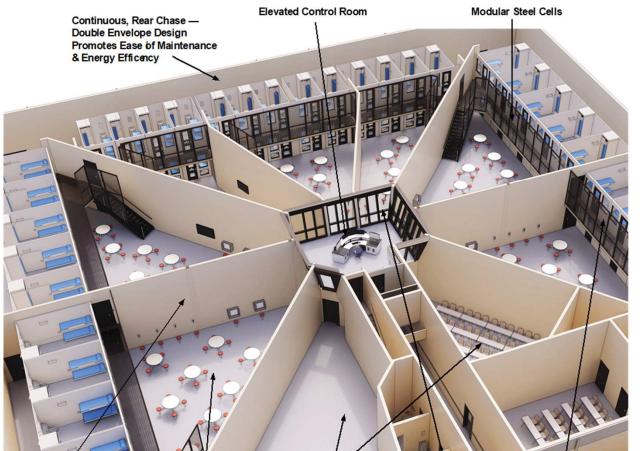








## **Round Table Discussion: Cell Pod & Control Room**







Masonry or Modular Steel Dayroom Walls Complete Flexibility of Operation — Sight + Sound Separation from Each Cell Block V Indoor/Outdoor Recreation and Classrooms Located Within the Pod

360° View N E

Mezzanine Mesh for Extra Safety





## **Round Table Discussion: Modular Construction**









## **Round Table Discussion: Cells**











# **Round Table Discussion: Exterior Image**



















### **Workshop Site Diagram: Option 1**

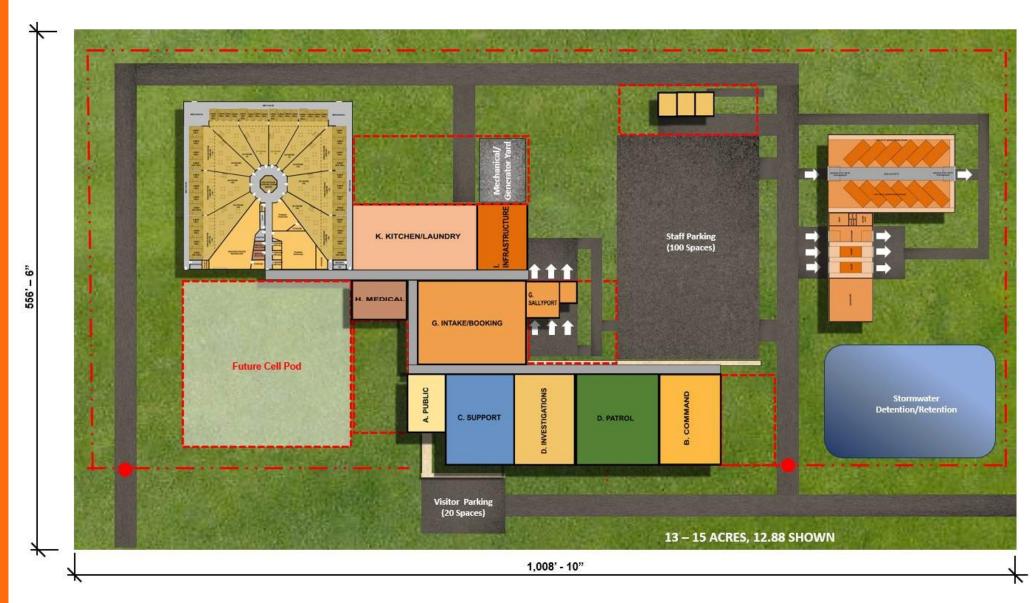


760' – 6"

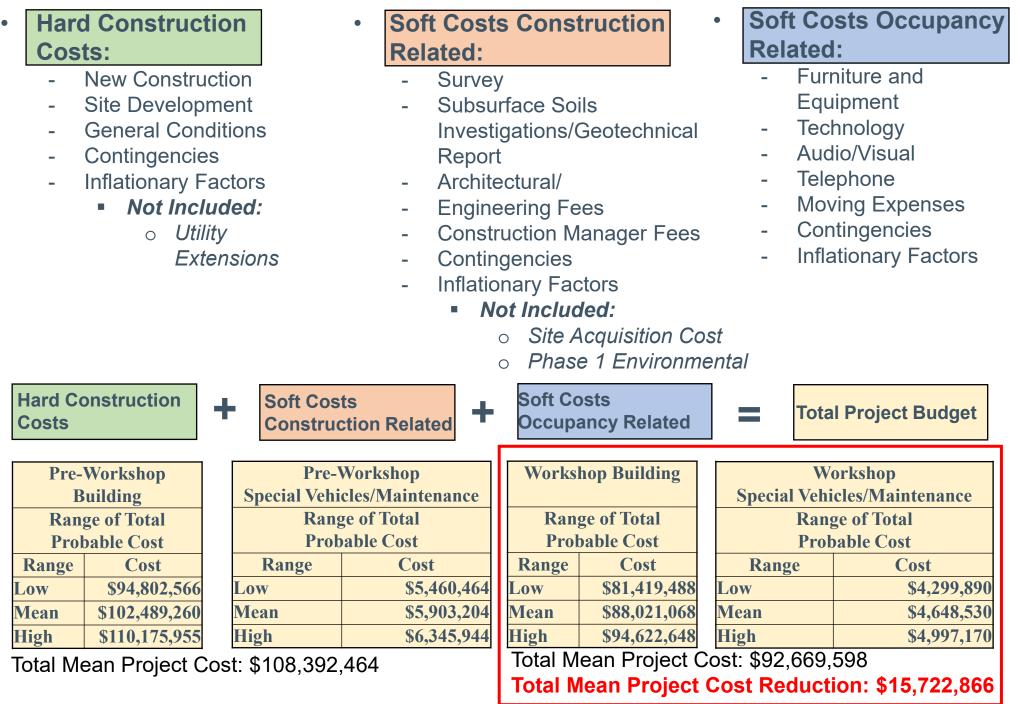
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59

### Workshop Site Diagram: Option 2



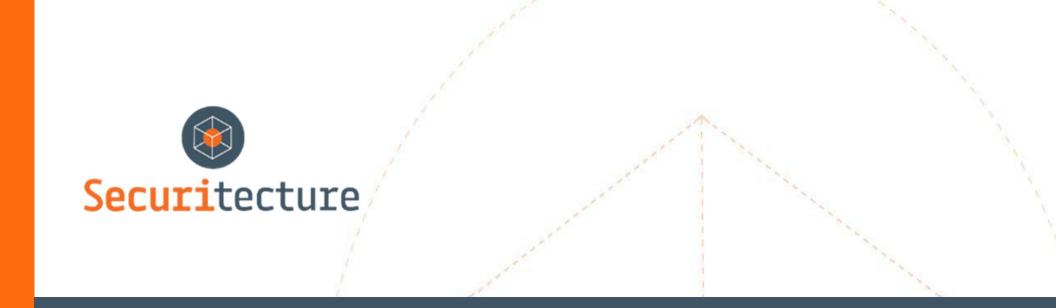
### **Opinion of Probable Cost Components**



### **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

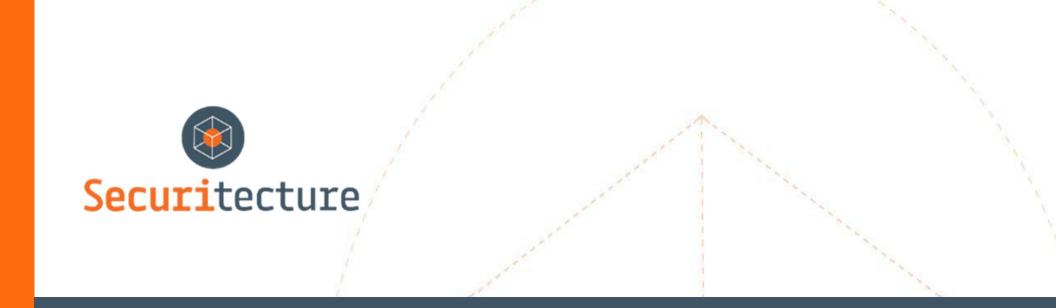
- Implementation Plan:
  - Simple: Construct the new facility while maintaining operations at the existing facility and move in once the construction is ready for occupancy.



# 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