SCHRADERGROUP WITH MissionCriticalPartners

ST MARY'S EMERGENCY SERVICES EMERGENCY MEDICAL SERVICES (EMS) BUILDING CONCEPTUAL DESIGN STUDY

Prepared for:

St Mary's County Emergency Services

Leonardtown, MD

Prepared JUNE 2020 - STUDY

ST. MARY'S ADVANCED LIFE SUPPORT UNIT
CONCEPTUAL DESIGN STUDY

PREPARED BY: SCHRADERGROUP ARCHITECTURE, with MISSION CRITICAL PARTNERS

08 JUNE 2020, FINAL DRAFT SUBMISSION

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I. EXECUTIVE SUMMARY

Introduction

As commissioned by St. Mary's County, Maryland (County), this report has been conducted to analyze the development feasibility of a new Emergency Services Emergency Medical Services (EMS) facility for the County. Current unit operations of St. Mary's County Advanced Life Support (SMALS) are housed in undersized space that is part of a single-story office building on the campus of and owned by Medstar St. Mary's Hospital (Hospital). It is also understood that the Hospital wishes to assume control of the space for expanded use in the near future. Thus, the agency is considering plans to develop a new facility that can address current vehicle bay and interior functional deficiencies essential to properly housing equipment, personnel, and training requirements meeting future service needs.

SCHRADERGROUP architecture (SG) was retained by Mission Critical Partners (MCP), who was contracted by the County, to develop the design feasibility study. MCP and SG have teamed on numerous other public-safety studies and facility design projects similar to this report.

Primary County and agency contacts for the study include:

Steve Walker, Director of St. Mary's County Emergency Services
Paul Koch, Chief of SMALS

Feasibility study team representatives were:

Joshua Jack, MCP
Heather McGaffin, MCP
Larry Bickford, SG
Tim Lisle, SG

About St. Mary's Advanced Life Support Unit

The SMALS unit serves as an adjunct to the county emergency services; it is a specialized squad that responds to the critical cardiac emergency calls throughout the County. The unit is staffed with a combination of paid and volunteer staff providing 24-hours a day, seven days a week, 365 days a year (24 x 7 x 365) service over two to three daily shifts. The agency is led by a board of directors, some of whom serve dually as administrators and first responders. Positioned on the north side of Leonardtown, the squad is centrally located within the mostly north-south orientation of St. Mary's County. As a result, consideration of new sites is generally limited to the Leonardtown area.

SMALS also promotes a well-developed, on-going training program for members and emergency personnel from neighboring agencies. In support of these activities, both universal and specialized training rooms are incorporated in the planning for the new facility. These training spaces also are to maintain a close adjacency to the vehicle bays so that classroom training can be easily extended to access and/or include the equipment within the bays.

The site will be a location that may serve at times as the host for training, workshops, meetings; and community functions: the new SMALS will be a civic presence for St. Mary's County and Leonardtown. As such, the intention of SMALS is the development of a properly equipped and attractive facility, representative of St. Mary's County values and the agency's commitment to the community.

Concept Design and Budget Estimate Summary

This feasibility study has entailed a series of activities to develop a comprehensive understanding of SMALS, needs which were translated into a preliminary facility layout (concept plan). The preliminary facility layout, coupled with an understanding of the facility fit and finish, served as the basis for the development of the enclosed conceptual cost estimate.

Salient conclusions of the feasibility study include:

Facility Space Program:	12,000 Gross square feet (GSF)
Facility Construction Cost:	$ 4.7 million, including site development costs
Project Timeline:	Eighteen (18) months – start of design to construction completion

II. STUDY PROCESS

Study Process Summary

Development of a successful design feasibility is highly dependent on meaningful client engagement. Over a series of face to face and virtual meetings, St. Mary's Advanced Life Support (SMALS) stakeholders engaged in discussions formulating the definition of functional needs supporting the facility program development. Additionally, tours of the existing SMALS site and a visit to the new Lexington Park Volunteer Rescue Squad provided a space by space understanding of the operations and examples of arrangements that may be beneficial in planning for the new facility. These tours were accompanied by extensive conversation regarding things that work and problems or mistakes in arrangement, that should inform new planning efforts for the facility.

The result of these interactions established the basis for programming and conceptual design efforts that followed. This included the following activities resulting in data and work products contained below, as follows:

- Facility Program and Programming Space Diagram
- Facility Considerations and Planning/Design Criteria
- Concept Plan (Preliminary Facility Layout)
- Project Siting and Site Planning
- Conceptual Cost Estimate
- Project Design and Construction Timeline

III. FACILITY PROGRAMMING

Following an initial study kick-off meeting, an in-person, interactive facility programming exercise was conducted where members of the SMALS provided detailed input into the projected functional needs with associated area assignments for the new facility. This feedback was captured in a rough draft Facility Program, which was further reviewed with stakeholders to ensure capture of all needs and right-sizing of spaces.

Program areas are organized within function groups as presented below. Net square footage for each grouping is provided representing the defined spatial requirements for all spaces. Net to gross conversion provides factoring of net areas to include circulation areas, structural and wall thickness allowances and other similar building areas not otherwise accounted for within the programming tabulation.

1.0	ALS OFFICES	1,210	SF
2.0	TRAINING AREAS	2,185	SF
3.0	STAFF AREAS	2,083	SF
4.0	ALS SUPPORT	637	SF
5.0	VEHICLE BAYS	2,405	SF
6.0	MECHANICAL/MAINTENANCE	635	SF
	SUBTOTAL	9,155	NET SF
	NET TO GROSS CONVERSION	2,503	SF
	TOTAL PROPOSED BUILDING AREA	11,659	GROSS SF

The complete Facility Program is provided following this page.

ST. MARY'S COUNTY ADVANCE LIFE SUPPORT FACILITY
PROGRAM SUMMARY

DATE: 24 FEBRUARY 2020, rev1: 09 MARCH 2020

		NSF	Grossing Factor		GSF	BUILDING TOTAL	Comments
1.0	ALS OFFICES	1210	30	%	363	1573	
2.0	TRAINING AREAS	2185	27	%	571	2756	
3.0	STAFF AREAS	2083	29	%	587	2670	
4.0	ALS SUPPORT	637	29	%	191	828	
5.0	VEHICLE BAYS	2405	25	%	601	3006	
6.0	MECHANICAL/MAINTENANCE	635	30	%	191	826	
	GRAND TOTAL COMPLEX	9155	27	%	2503	11658	SF

		Area/ Unit	W	D	Proposed # Units	NSF	Grossing Factor		GSF	BUILDING TOTAL	Comments
1.0	ALS OFFICES										
1.1	Waiting - Reception	30	4.0	7.5	1	30	30	%	9		Elaboration of entry hall for seating - four chairs & end table(s)
1.2	Administrative Office	225	13.0	17.3	1	225	30	%	68		Min. 2 computers/1 prtr/1 telephone
1.3	Report Writing Office & Medical Library	225	13.0	17.3	1	225	30	%	68		Min. 2 computers/2 prtr (one capable of fax)/1 telephone
1.4	Operations Office	225	13.0	17.3	1	225	30	%	68		Min. 2 computers/1 prtr/1 telephone
1.5	Admin. Conference	25	12.5	24.0	12	300	30	%	90		
1.6	Admin. Workroom/Files/Storage	100	8.0	12.5	1	100	30	%	30		
1.7	Document Storage	40	6.0	6.7	1	40	30	%	12		
1.8	IT Storage/Server/Security Head-end Server	65	6.7	9.7	1	65	30	%	20		Room ventilation & cooling based on equipment load
					Subtotal	1210	30	%	363	1573	
2.0	TRAINING AREAS										
2.1	Training Room	25	20.0	37.5	30	750	25	%	188		Split in half with room divider. Full room capacity - min. 24 at trng. Tables & chairs. Projectors in each half (wired for sound). One long wall with cabibets and counter - entire length - review exact storage needs. 50 people in townhall setting for full membership (50 x 15/pers=750 SF)
2.2	Training Room Break-out	325	16.0	20.3	1	325	25	%	81		Meeting overflow and other training events
2.3	Manikin Training/Break-out/Cadever Lab	500	20.0	25.0	1	500	25	%	125		Split in half with room divider. Full room capacity - 10 with tables/chairs & manikins. Need projectors or flat-panel displays each half. Cabinets with counter for heads and various other training manikins. Storage below. Deep sink & floor drain (human cadaver training)
2.4	Training Room Chair Storage	125	20.0	6.3	1	125	25	%	31		Adjacent to training room
2.5	Training Storage	35	5.0	7.0	1	35	30	%	11		
2.6	Public Toilet - Male	225	6.0	37.5	1	225	30	%	68		Should be ADA accessible. Serves front of house
2.7	Public Toilet - Female	225	6.0	37.5	1	225	30	%	68		Should be ADA accessible. Serves front of house
					Subtotal	2185	27	%	571	2756	
3.0	STAFF AREAS										
3.1	Lounge	600	20.0	30.0	1	600	25	%	150		Need more room for table(s) & chairs than currently available
3.2	Kitchen	125	10.0	12.5	1	125	25	%	31		Cabinets/counter on ea. Side (2'-1" dp). Microwave, refrigerator, coffee maker, full stove with exhaust hood. -Adjacent to dining/lounge - some separation between.
3.3	Pantry/Stores	35	5.0	7.0	1	35	25	%	9		
3.4	Bedroom 1thru 6	96	14.0	6.9	6	576	30	%	173		single bed, night stand, telephone. Almost like oceanliner berth without much extraneous space
3.5	Bath/Shower - Women	196	10.0	19.6	1	196	30	%	59		Two showers and toilet in separate rooms plus common sink area
3.6	Bath/Shower - Men	196	10.0	19.6	1	196	30	%	59		Two showers and toilet in separate rooms plus common sink area
3.7	Laundry Room	90	10.0	9.0	1	90	30	%	27		Linen closet won't fit in current laundry room - no room for folding. Need easy to clean dryer vent.
3.8	Linen Closet	15	3.0	5.0	1	15	30	%	5		For bed linens
3.9	Locker Storage - PLACE IN BEDROOM				1	0	30	%	0		Group lockers in the bay - 50 two-tier lockers
3.10	Exercise Room	250	16.0	15.6	1	250	30	%	75		Room for basic exercise equipment (treadmill, ???), stretching/ calisthenics area
					Subtotal	2083	29	%	587	2670	

		Area/ Unit	W	D	Proposed # Units	NSF	Grossing Factor		GSF	BUILDING TOTAL	Comments
4.0	ALS SUPPORT										
4.1	Radio room for Base Station	75	8.0	9.4	1	75	30	%	23		Radio and telephone equipment (define). In-boxes for ~150 people
4.2	Gear Closet	35	2.5	14.0	1	35	30	%	11		Running gear & uniforms. Other?
4.3	LP Closet / Durable goods closet	25	2.5	10.0	1	25	30	%	8		life packs, batteries, etc.
4.4	Medical Supply Storeroom + DEA safe	65	7.0	9.3	1	65	30	%	20		Used for vehicle restocking. Any FDA regulated drugs? Environmental conditioning requirements? Within vehicle bay / possibly use of vending system?
4.5	Bulk Medical Supply Storeroom - Depot	425	16.0	26.6	1	425	30	%	128		Serves to backup main storeroom and receipt of deliveries. Form of deliveries?
4.6	Battery Charging Area for LP & Radios - include with Radio Room	12	6.0	2.0	1	12	30	%	4		Multiple outlets. Radio counts/any mobile laptops?
					Subtotal	637	30	%	191	828	
5.0	VEHICLE BAYS										
5.1	Bays 1 thru 4	495	14.0	35.4	4	1980	25	%	495		Height & length for monster Medic unit. Confirm door dimensions - 12FT W x 12FT H?
5.2	Wash-down/Decon Area	250			1	250	25	%	63		Outermost portion of the vehicle bay area
5.3	Bay Work Area	175	14.0	12.5	1	175	25	%	44		Area to inspect gear
					Subtotal	2405	25	%	601	3006	
6.0	MECHANICAL/MAINTENANCE										
6.1	Custodial - Staff Wing	35	6.0	5.8	1	35	30	%	11		
6.2	Custodial Storeroom - ALS Support	50	6.0	8.3	1	50	30	%	15		Custodial supplies and deep (service) sink.
6.3	Engineer's Storeroom/Work Room	100	8.0	12.5	1	100	30	%	30		Work bench, shelves & cabinets
6.4	Mechanical/Maintenance	425	16.0	26.6	1	425	30	%	128		
6.5	Miscellaneous Storage	25	2.5	10.0	1	25	30	%	8		Closet accessed from vehicle bays
					Subtotal	635	30	%	191	826	

IV. FACILITY CONSIDERATIONS

As a part of the programming discussions, specific needs for each space were discussed to understand the unique features required of certain spaces. Some of the details captured in Facility Program support documents include various modes of use for certain spaces, casework and storage needs, unique finish requirements, and electrical and mechanical requirements.

Room Data Sheets are also provided as Appendix E. These documents collect available information pertaining to each space and serve as a repository of specific room requirements for future detailed planning and design efforts.

Site Considerations

As the proposed facility will be home to a minimum of four ambulances or similar response vehicles and some additional wheeled equipment, a larger than is typical amount of paving shall be required to provide sufficient apron space for the drive-through vehicle bays. These aprons are recommended to be cast concrete paving extending approximately 50 to 60 feet from vehicle bays on either side.

The remainder of site development should include:

Parking:

Additional Fleet Vehicles:	TBD
Staff Parking:	Twelve (12) spaces
Meeting/Training/Visitor parking:	Squad thirty-five (40) spaces
Total Spaces Required:	Fifty-two (52) spaces

- Drive lanes & landscaping: All drives shall be heavy commercial parking lot grade asphalt paving systems with concrete curb and gutter. Landscaping shall include that mandated by local land development requirements and as otherwise directed by the property Owner.

- Utility Infrastructure: As the project location is projected to be previously undeveloped land, all building services will require utility connections and underground routing to points of connection within the proposed facility. These are expected to include: power with step-down transformer, domestic and fire water service, gas service, sanitary sewer, and data/communication fiber.

- Stormwater management: Related to the amount of impervious site coverage, stormwater management measures will also be required with the new development. It is anticipated that both building and site stormwater collection will be transported to some form of detention basin positioned on-site.

Building Considerations

Based on use and projected building size, the new facility shall be a defined B-Business occupancy per the International Building Code (IBC), 2018 edition, as adopted by the State of Maryland.[1] The construction classification is anticipated to be Type IIB, unprotected, meaning that with fully sprinklered, noncombustible building, all structural elements have zero (0) hour fire resistance rating requirements.

It is the County's intention to develop the new SMALS as a hardened, essential facility. While a number of standards may be referenced related to this criteria, SCHRADERGROUP chose two progressively more stringent standards for the design of public safety facilities.

The first and least stringent is classification as an essential facility per the IBC, Section 1604.5, *Risk Category*. Table 1604.5: *Risk Category of Buildings and Other Structures*, defines Risk Category based on Nature of Occupancy. Under Risk Category IV, related occupancies include:

Buildings and other structures designated as essential facilities, including but not limited to:

- Group I-2, Condition 2 occupancies having emergency surgery or emergency treatment facilities.
- Ambulatory care facilities having emergency surgery or emergency treatment facilities.
- Fire, rescue, ambulance and police stations and emergency vehicle garages
- Designated earthquake, hurricane or other emergency shelters.
- Designated emergency preparedness, communications and operations centers and other facilities required for emergency response.

Thus, Category IV, Essential Facilities, are subject to enhanced requirements for building structural performance related to gravity, lateral wind, and seismic forces. Accommodations for Category IV requirements have been built into the new SMALS facility scope and budgeting.

[1] *International Building Code 2018*. https://codes.iccsafe.org/content/IBC2018

The second and more stringent code standard is the International Code Council (ICC) 500, *Standard for Design and Construction of Storm Shelters*.[2] While the Essential Facility structural requirements are code-mandated based on Nature of Occupancy, the designation of the SMALS as an ICC Storm Shelter is not mandated and is only as adopted by St. Mary's County.

Among the list of facility enhancements required are:

- Section 304 Wind Loads: Enhanced design wind speed over Level IV: Essential Facility from 120 miles per hour (MPH) to 160 MPH (nominal three-second gust wind speeds at 33 feet above ground level from exposure category C)

- Section 305 Debris Hazards: Building envelop requirements are significantly enhanced due to wind-borne debris. Criteria is based on a 160 MPH design wind speed, 15-pound (LB) lumber 2x4 missile impact at 84 MPH – vertical surfaces and 56 MPH – horizontal surfaces.

The level of building envelope hardening has not been included in the project scope or budget due to the level of investment typically required to achieve the above standards. With other similar public safety structures designed by SG, certain core functional elements such as technology equipment spaces, 9-1-1, and Emergency Operations spaces may be developed to the ICC 500 standards due to the nature of internal functions and need for continuity of operations. Design impacts include all envelope systems employed for the proposed facility and could impact costs by an additional 20–25% over the currently projected construction costs. Prior to embarking on full project design for the SMALS facility, County stakeholders should determine if there is a defined basis for incorporation of the ICC 500 requirement.

The proposed SMALS facility shall incorporate the following building systems as required to serve agency needs over its projected life span:

Foundations: Based on geotechnical investigations to be conducted with the start of detailed design activities, use of conventional reinforced concrete spread footings is anticipated.

Building Structure: Braced steel-frame system with open-web bar joists roof framing supporting low-slope roof construction.

Building Façade Construction: Primarily cold-formed steel stud back-up walls with full-bed brick masonry veneer, some use of exterior metal panel systems, and combination of discrete punched window openings and storefront window systems at larger expanses of glazing.

[2] ICC 500-2014, *Standard and Commentary: ICC/NSSA Standard for the Design and Construction of Storm Shelters*. https://shop.iccsafe.org/icc-500-2014-standard-and-commentary-icc-nssa-standard-for-the-design-and-construction-of-storm-shelters-1.html

Building Roof System(s): Primarily low-sloped membrane roofing system of light gray coloring such as TPO roof system over galvanized corrugated metal deck. Certain areas due to function or aesthetics may have some sloped roofs and utilize a metal standing seam roof system.

Interior Construction: Except for areas requiring specialized finishes for use and/or serviceability needs, interior construction shall be

Walls: light-gauge steel stud framing and gypsum wall board (GWB) wall systems (thermal and acoustical insulation installed as required)

Ceilings: Primarily suspended acoustical panel ceilings with a mix of GWB soffits. Certain spaces shall have GWB ceilings for serviceability needs. Additionally, larger spaces (training rooms) may utilize acoustical ceiling clouds with the volume open to the structural deck above. Vehicle bay, work areas and mechanical/service spaces will be open to the structural deck above.

Please reference room data sheets for room-specific finish information.

HVAC Systems: The exact type of system(s) to be utilized shall be determined in subsequent design phases. It should be noted however that patterns of use for the building should be identified and addressed in systems zoning and equipment selections.

Sustainable Design and Operational Efficiency: While achievement of Leadership in Energy and Environmental Design (LEED) certification has not been identified as a project-specific goal, building materials and systems selections shall be made to support a healthy, productive indoor environment and long-term, energy-saving operations. Specific measures to consider in pursuit of these objectives should be integral to initial detailed design activities to follow.

Pandemic Measures: While operational and planning issues pertaining to COVID-19 or similar contagions have not been specifically reviewed, further discussion pertaining to measures supporting staff safety and well-being enabled by facility design measures should be reviewed.

V. TECHNOLOGY SYSTEMS

SMALS is preparing to move ahead with a new building to support its growing functions. As part of the design feasibility study, MCP technology subject matter experts reviewed the plans and developed the following design inputs for the required technological systems that are commonly required to make such a facility successful. Below is a brief description of those systems.

Network Systems

SMALS will operate its administration and training operations from this proposed facility. As such, the network system will be required to support the connection and communications of varying data and device types.

The core of the network can be supported over a single 48-port switch. The switch will support power over Ethernet (PoE) for network devices that include wireless access points.

The network will connect to the Internet through a router with firewall software.

The design will not include servers, workstations, and computers, and existing hardware will be relocated.

The design does not include an uninterruptable power supply (UPS), although one is recommended for the support of core computer network equipment.

Administrative Phone System

MCP proposes a new, standard small business phone system with voicemail for use at this facility. The system would include digital or voice over Internet protocol (VoIP) telephone sets.

The system would connect to telephone circuits through cable feeds to the site, as specified under other sections.

The design does not include a UPS, although one is recommended for the support of core telephone equipment.

Radio System

The initial plan calls for a 'base radio room'. This could possibly require an external antenna fed through a building penetration.

This equipment would be relocated from the existing site.

The design does not include a UPS, although one is recommended for the support of base radio equipment.

Audio/Visual System

MCP proposes an audio/visual (A/V) system to support administrative functions and training functions.

The core of the system would be a small matrix switch with local programming sources for switched distribution to attached large monitors in different areas. The system will have the ability for switched distribution allowing the viewing of content from a computer input or other sources, to any monitor on the system.

The monitors will also allow for locally attached connections for presentations.

Operation of the system will be as follow:

- The training function would be supported with multiple wall mounted large monitors with built-in audio, which allows programming content and presentation materials. Control will be through a wall-mounted touch panel.
- The administrative side would include medium-sized wall mounted monitors with built-in audio for programming content and presentations.
- The ability to view programming content would be placed on medium-sized wall mounted monitors with built-in audio in the exercise room and break room.

Security

The facility will be protected through integrated security system components. This includes access control, intrusion detection, and surveillance.

Access control to the building will be provided through two doors controlled by card access and equipped with an A/V intercom for visitor entry. All other doors will be monitored for intrusion detection through door contacts.

The surveillance system will observe the building perimeter and parking areas, as well as specific points inside the facility – including entry points, storage, or other locations. The system will be provided with a digital video recorder for investigation and storage of recorded video.

The cameras are expected to be Internet Protocol (IP) based cameras with PoE connections. The cameras will be high resolutions color cameras, that automatically switch to monochrome in low-light situations.

Structured Cabling System (SCS)

The structured cabling system (SCS) design will support connections to telephone, workstations, wireless network access points, IP cameras, and other networked devices. The connectivity is based on Category 6 unshielded twisted pair (UTP) cables. Based on the size of the

proposed facility, all cable termination will take place in the main data equipment room, with no need for intra-building backbone cabling. The SCS will include specifications for performance requirements, terminations, labelling, testing, and certification.

The SCS includes requirements for:

- Horizontal distribution sub-system
- Pathways and spaces

This system requires coordination with the design team for pathways throughout the building. MCP recommends use of conduit stub-ups (1" minimum) for all work area outlets (WAOs), and re-enterable penetrations are required.

Total estimated costs for the technology design support for this project are approximately $74,800.

VI. CONCEPTUAL PLANNING

The final Facility Program guided the development of a concept plan that addressed the organization of spaces addressing functional needs as well as testing the required building footprint to address operational requirements. Following an initial mapping of the program elements (programming diagram), a version of the preliminary facility layout was developed to consider functional space groupings and relative size of program functions. This layout was reviewed with stakeholders over a Skype web-conference where comments were captured and follow-up adjustments to the layout were made. The resulting concept plan provides:

- A test of facility program to conceptual plan compiling with projected square footages and achieving required adjacencies.
- A working version of the proposed SMALS facility addressing the expressed needs of stakeholders.

Key planning concepts integrated into the facility layout.

- Administration and staff areas are positioned to the front to provide a public face for the facility. Administrative offices will serve to greet visitors during day-time hours. Also, the staff lounge area is conveniently positioned to monitor front door traffic while having adequate separation from the public entrance area. Staff and visitor parking are envisioned to be placed to the front of the building, and the main entry is primary point of entry.

- Training areas are placed near the vehicle bays for expanding training purposes, so that didactic training can be extended to physical, hands-on training within the vehicle bays. An additional entry point is also provided at this area such that entry from a dedicated training attendee parking area allows, direct, but controlled, access to training areas separate from administration and staff areas.
- Future expandability has been considered with each functional grouping having exterior frontage and not otherwise hemmed-in, so that selective expansion may be considered for any functional component.

Conceptual Plan is provided as Appendix A

VII. PROJECT SITING & SITE PLANNING

Project siting was not initially defined for the SMALS study. However, it has been strongly suggested that a site north of the County Sheriff's Office along Leonard Hall Drive be considered. Site studies initially posed two potential locations in that area of the County complex, indicating access from Leonard Hall Drive. Subsequent discussion with Gary Whipple, St. Mary's County Project Manager, provided more detail related to overall planning for that area of the County complex.

- A new County Sheriff's facility is planned in the area to the north/northeast of the existing Patuxent Building currently housing the county sheriff. Thus, of the two sites initially suggested, the site to the west—adjacent to the Armory—is the preferred site.

- Access to the preferred site should be developed from Hollywood Road through the Armory site to preserve developable area to the east for the Sheriff's facility. Discussion with Mr. Whipple also identified:

  - The need for upgrades to this access route.
  - Review and potential relocation of perpendicular parking along the route in light of ambulance access needs.
  - Potential improvements at the access road intersection with Hollywood Road for overall traffic safety and to better facilitate ambulance ingress and egress.

- Concurrent with the future development of the County Sheriff's facility, it is advisable to consider connection of the SMALS access road to those planned for the Sheriff's facility providing a redundant vehicular accessway as a matter of operational security for the SMALS.

As previously noted, the improvement of the chosen site from "greenfield" condition shall require full utility infrastructure development from connection sources at the street line or within reasonable proximity.

Site Option Studies are provided as Appendix B.

VIII. CONCEPTUAL COST ESTIMATE

A preliminary order of magnitude conceptual cost estimate is provided based on both building and site development assumptions associated with the prospective sites. The estimate provides a summation of break-outs for the main ALS building, vehicle bays, and site development. It should be noted that site costs were developed anticipating a substantial upfront cost to provide utility and stormwater management infrastructure on greenfield locations.

Please also note:

- Contingencies are included as follows: 10% for construction costs and 5% project contingency.
- Escalation costs are not included.

Overall cost summary includes:

1	NEW CONSTRUCTION - ALS BUILDING	$ 3,217,700
2	NEW CONSTRUCTION - VEHICLE BAYS	$ 590,700
3	SITEWORK	$ 876,500
	TOTAL BUILDING AND SITE CONSTRUCTION BUDGET:	$ 4,684,900
	PROFESSIONAL COSTS	$ 505,100
	FURNISHINGS & EQUIPMENT	$ 288,100
	OWNER PROJECT CONTINGENCY	$ 273,900
	TOTAL PROJECT BUDGET	$ 5,752,100

Full Project Conceptual Estimate is provided as Appendix C.

IX. PROJECT DESIGN & CONSTRUCTION TIMELINE

A preliminary design and construction schedule is provided projecting major activities with associated durations. These suggest an approximate 18-month timeline for design, bidding, and construction as follows:

Design & Documentation Phase:	6 months
Bidding Phase:	1 month
Construction Phase & Closeout:	11 months
Total Project Timeline:	18 months

The Full Preliminary Project Schedule is provided as Appendix D.

X. ATTACHMENTS

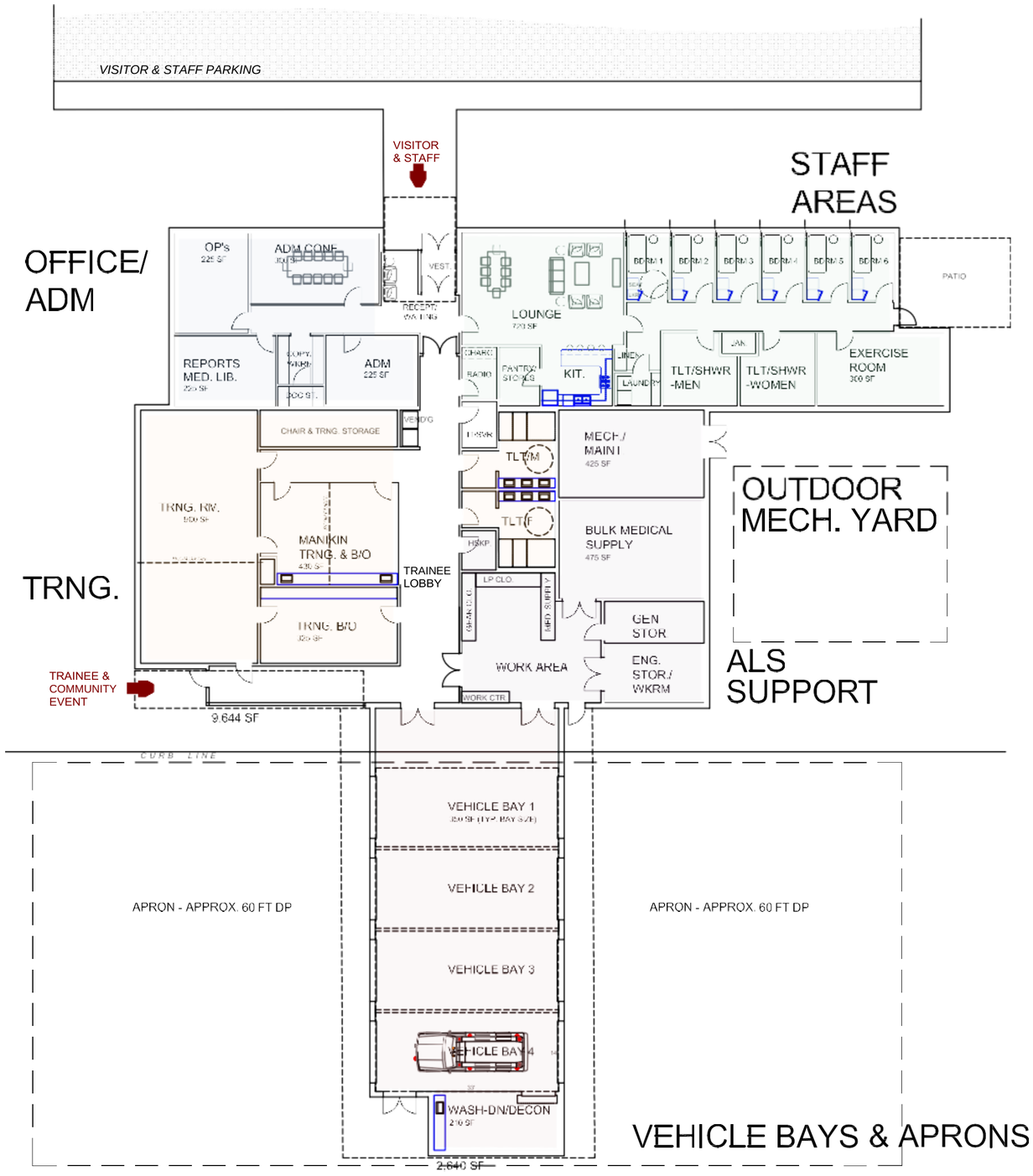
Appendix A: Concept Plan

Appendix B: Site Option Studies

Appendix C: Project Conceptual Estimate

Appendix D: Preliminary Project Schedule

Appendix E: Room Data Sheets



GRAPHIC SCALE
0' 8' 16' 32' 64'

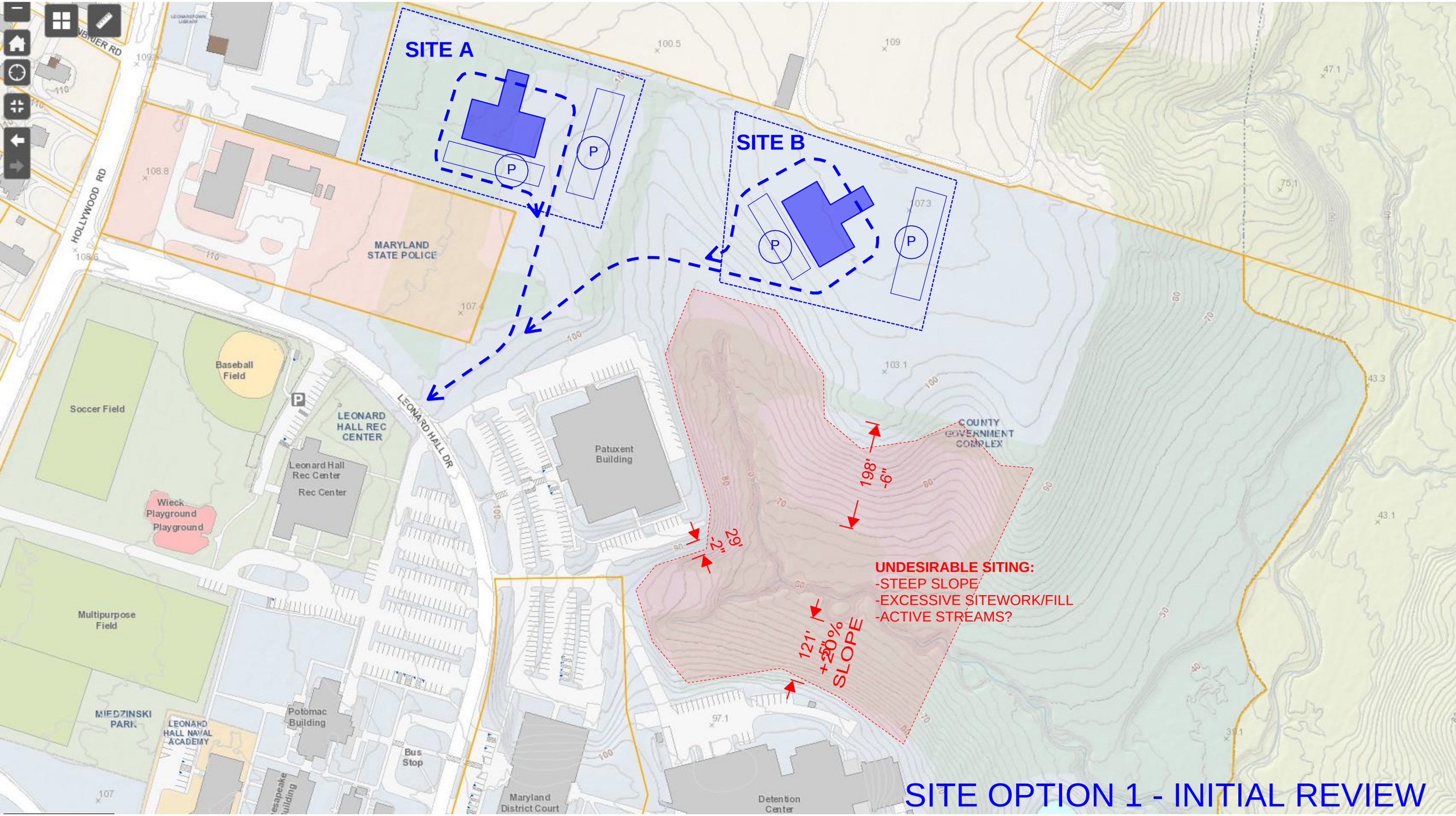
CONCEPT PLAN

scale: 1/16"=1'-0"

ST. MARY'S COUNTY ADVANCE LIFE SUPPORT FACILITY

issued: 29 APRIL 2020

SCHRADERGROUP



SITE OPTION 1 - INITIAL REVIEW

PRELIMINARY ALS SITING REVIEW ON COUNTY GOV'T CAMPUS

PREPARED BY SCHRADERGROUP ARCHITECTURE, 12 MAY 2020

APPENDIX B: SITE OPTION STUDY 2

DRAWING KEY

1. AMBULANCE PATH 0F TRAVEL
2. NEW SERVICE ROAD IMPROVEMENT - FUTURE CONNECTION TO ANTICIPATED COUNTY SHERIFF'S FACILITY DEVELOPMENT
3. POTENTIAL SITE & PARKING IMPROVEMENTS FOR ARMORY - PARKING MAY ALSO BE SHARED AS OVERFLOW BETWEEN FACILITIES
4. REQUIRES RELOCATION OF EXISTING STORAGE SHED & VEHICLE COMPOUND
5. REVIEW INTERSECTION FOR REQUIRED SAFETY IMPROVEMENTS

PROPOSED ALS SITE

ARMORY

LEONARDTOWN LIBRARY

NEW SERVICE ROAD

MAIN ENTRY

SITE AREA DEDICATED TO FUTURE COUNTY SHERIFF'S FACILITY

MARYLAND STATE POLICE

SPALDING LN

GREENBRIER RD

HOLLYWOOD RD

MILE POST LN

Baseball Field

Soccer Field

LEONARD HALL REC CENTER

Leonard Hall Rec Center

Rec Center

LEONARD HALL DR

Patuxent Building

Wieck

SITE OPTION 2

PRELIMINARY ALS SITING REVIEW ON COUNTY GOV'T CAMPUS

PREPARED BY SCHRADERGROUP, 12 MAY 2020

ST. MARY'S COUNTY, MD

Advance Life Support Unit

NEW CONSTRUCTION - County Complex Location

Leonardtown, MD

CONCEPT BUDGET COST ANALYSIS

Date: 22-Apr-20

Project Phase: Feasibility Study

CONSTRUCTION AREAS		
Site area	92,500	s.f.
New Paving Area	57,280	s.f.
New Construction - ALS Building	9,650	s.f.
New Construction - Ancillary Building	2,600	s.f.
Total Bldg Construction Area	12,250	s.f.

TOTAL CONSTRUCTION COSTS

		cost/s.f.	area		total	
1	NEW CONSTRUCTION - ALS BUILDING	$333.44	9,650	s.f.	$	3,217,722.30
2	NEW CONSTRUCTION - VEHICLE BAYS	$227.21	2,600	s.f.	$	590,740.15
3	SITEWORK	$9.48	57,280	s.f.	$	876,506.09
4	TOTAL BUILDING AND SITE CONSTRUCTION BUDGET	$382.45	12,250	s.f.	$	4,684,968.54

PROFESSIONAL COSTS

5	A/E Design Fee	$ 374,797	
6	Expenses	$ 40,000	
7	Technology Consultant	$ -	TBD
8	Other Discipline Consulting	$ -	
9	Construction Manager	$ -	TBD
10	Geotechnical Investigation	$ 10,000	
11	Land Survey Services	$ 10,000	
12	Inspection / Testing Services	$ 23,425	
13	Commissioning	$ 46,850	
14	Land Development Approvals	NA	
15	Total Design Services		$ 505,072

FURNISHINGS & EQUIPMENT						
	Communications					
16	Administrative Telephone System			$ 8,900		TBD
17	Radio Equipment			$ 4,450		TBD
18	Telecom Structured Cable			$ 32,502		TBD
19	Audio/Visual (A/V) Systems			$ 20,719		TBD
20		Subtotal		$ 66,571		
	Other Systems					
21	Network Equipment			$ 7,500		TBD
22	Access Control/Intrusion Detection/Surveillance			$ 37,850		TBD
23	Other			$ -		TBD
24		Subtotal		$ 45,350		
	Other Costs					
25	Furnishings Allowance			$ 150,000		
26		Subtotal		$ 150,000		
27	TOTAL FURNISHINGS & EQUIPMENT ESTIMATE				*	$ 261,921
28		escalation @	0%			$ -
29		Tech & Equip Contingency @	10%			$ 26,192.10
30	Total Technology Costs					$ 288,113

Notes:

Recommend installation of smaller UPS system for key locations, specifically: Network Equipment Room; Security System Headend and A/V Equipment Headend.

Entrance services such as Telephone Company Feed, CATV, ISP connections, etc. covered under Site Costs

TOTALS				Subtotal		$ 5,478,154
31	Project Contingency	@	5%	$ 273,908		
32	TOTAL PROJECT BUDGET					$ 5,752,061

New Advance Life Support Building

TOTAL CONSTRUCTION COSTS

		NEW CONSTRUCTION - ALS BUILDING	cost/s.f.	area		total
		Division				
Div	01	General Conditions	$20.00	9,650	s.f.	$ 193,000.00
Div	02	Existing Conditions	$0.00	0	s.f.	$ -
Div	03	Concrete	$10.00	9,650	s.f.	$ 96,500.00
Div	04	Masonry	$18.00	9,650	s.f.	$ 173,700.00
Div	05	Metals	$22.00	9,650	s.f.	$ 212,300.00
Div	06	Wood, Plastics, Composites	$12.00	9,650	s.f.	$ 115,800.00
Div	07	Thermal and Moisture Protection	$16.00	9,650	s.f.	$ 154,400.00
Div	08	Openings	$20.00	9,650	s.f.	$ 193,000.00
Div	09	Finishes	$55.00	9,650	s.f.	$ 530,750.00
Div	10	Specialties	$6.00	9,650	s.f.	$ 57,900.00
Div	11	Equipment	$5.00	9,650	s.f.	$ 48,250.00
Div	12	Furnishings	$0.00	9,650	s.f.	
Div	13	Special Construction	$0.00	9,650	s.f.	$ -
Div	14	Conveying Equipment	$0.00	9,650	s.f.	$ -
Div	21	Fire Suppression	$3.50	9,650	s.f.	$ 33,775.00
Div	22	Plumbing	$13.00	9,650	s.f.	$ 125,450.00
Div	23	HVAC	$32.00	9,650	s.f.	$ 308,800.00
Div	25	Integrated Automation	$5.00	9,650	s.f.	$ 48,250.00
Div	26	Electrical & Lighting	$30.00	9,650	s.f.	$ 289,500.00
Div	27	Communications	$0.00	9,650	s.f.	$ -
Div	28	Electronic Safety and Security	$4.00	9,650	s.f.	$ 38,600.00
Div	31	Earthwork	$0.00	0	s.f.	$ -
Div	32	Exterior improvements	$0.00	0	s.f.	$ -
Div	33	Utilities	$0.00	0	LS	$ -
					Subtotal	$ 2,619,975.00
					OH&P 10%	$ 261,997.50
					Subtotal	$ 2,881,972.50
					Bond 1.5%	$ 43,229.59
					Subtotal	$ 2,925,202.09
					Design Contingency 10%	$ 292,520.21
					Subtotal	$ 3,217,722.30
					Escalation to mid point of construction 0%	$ -
		Total Construction Cost Estimate	$333.44 s.f.			$ 3,217,722

New Vehicle Bays

TOTAL CONSTRUCTION COSTS

		NEW CONSTRUCTION - VEHICLE BAYS	cost/s.f.	area		total
		Division				
Div	01	General Conditions	$12.00	2,600	s.f.	$ 31,200
Div	02	Existing Conditions	$0.00	0	s.f.	$ -
Div	03	Concrete	$10.00	2,600	s.f.	$ 26,000
Div	04	Masonry	$10.00	2,600	s.f.	$ 26,000
Div	05	Metals	$18.00	2,600	s.f.	$ 46,800
Div	06	Wood, Plastics, Composites	$3.50	2,600	s.f.	$ 9,100
Div	07	Thermal and Moisture Protection	$17.50	2,600	s.f.	$ 45,500
Div	08	Openings	$25.00	2,600	s.f.	$ 65,000
Div	09	Finishes	$25.00	2,600	s.f.	$ 65,000
Div	10	Specialties	$1.50	2,600	s.f.	$ 3,900
Div	11	Equipment	$5.00	2,600	s.f.	$ 13,000
Div	12	Furnishings	$0.00	2,600	s.f.	$ -
Div	13	Special Construction	$0.00	2,600	s.f.	$ -
Div	14	Conveying Equipment	$0.00	2,600	s.f.	$ -
Div	21	Fire Suppression	$3.50	2,600	s.f.	$ 9,100
Div	22	Plumbing	$7.50	2,600	s.f.	$ 19,500
Div	23	HVAC	$25.00	2,600	s.f.	$ 65,000
Div	25	Integrated Automation	$3.50	2,600	s.f.	$ 9,100
Div	26	Electrical	$15.00	2,600	s.f.	$ 39,000
Div	27	Communications	$1.50	2,600	s.f.	$ 3,900
Div	28	Electronic Safety and Security	$1.50	2,600	s.f.	$ 3,900
Div	31	Earthwork	$0.00	0	s.f.	$ -
Div	32	Exterior improvements	$0.00	0	s.f.	$ -
Div	33	Utilities	$0.00	0	LS	$ -
					Subtotal	$ 481,000
					OH&P 10%	$ 48,100
					Subtotal	$ 529,100
					Bond 1.5%	$ 7,937
					Subtotal	$ 537,037
					Design Contingency 10%	$ 53,704
					Subtotal	$ 590,740
					Escalation to mid point of construction 0%	$ -
		Total Construction Cost Estimate	$227.21 s.f.			$ 590,740

Sitework

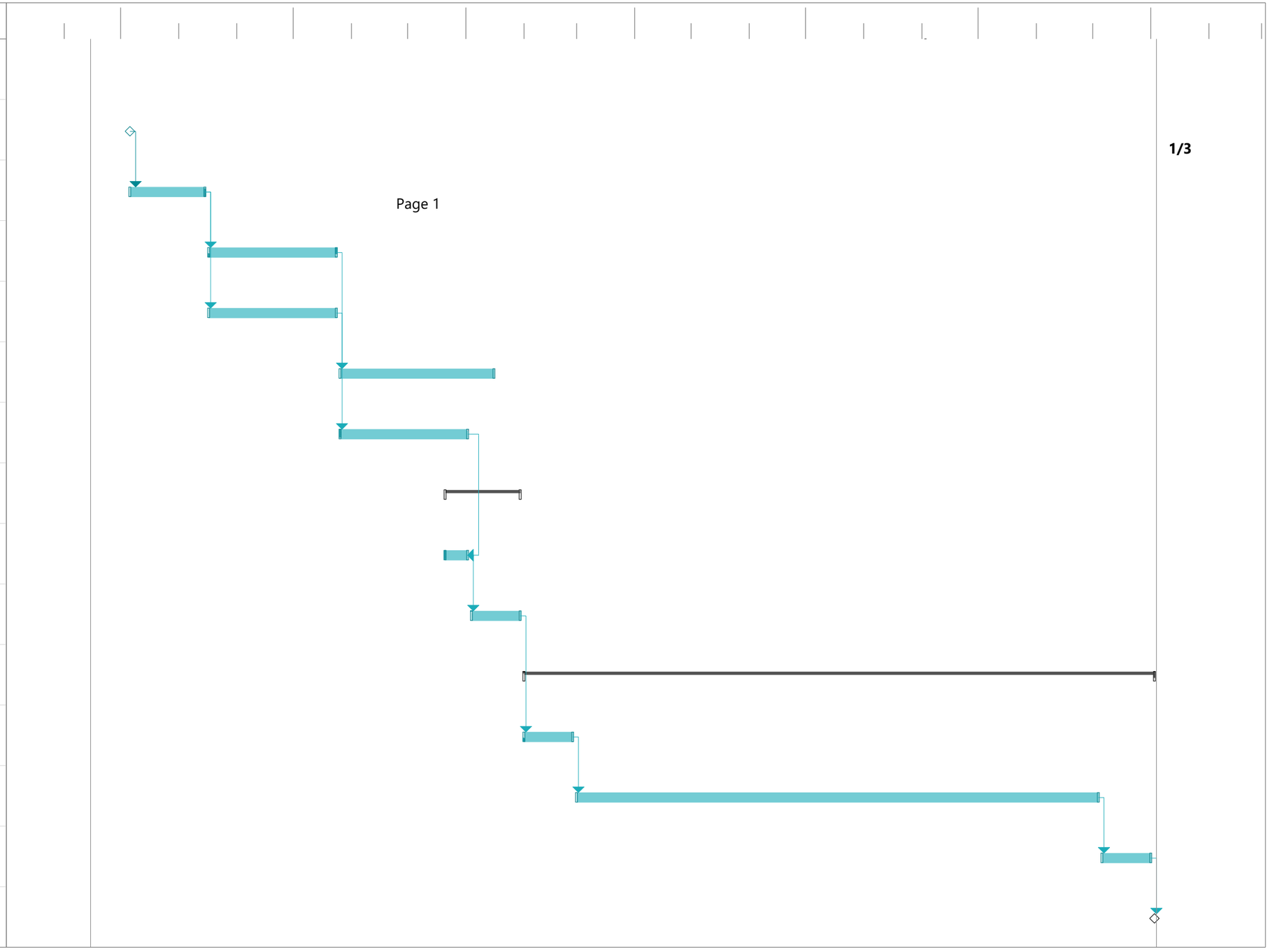
TOTAL CONSTRUCTION COSTS

		SITEWORK	cost/s.f.	area			total
		Division					
Div	01	General Conditions	$0.50	92,500	s.f.	$	46,250
Div	02	Existing Conditions	$0.00	0	s.f.	$	-
Div	03	Concrete	$0.00	0	s.f.	$	-
Div	04	Masonry	$0.00	0	s.f.	$	-
Div	05	Metals	$0.00	0	s.f.	$	-
Div	06	Wood, Plastics, Composites	$0.00	0	s.f.	$	-
Div	07	Thermal and Moisture Protection	$0.00	0	s.f.	$	-
Div	08	Openings	$0.00	0	s.f.	$	-
Div	09	Finishes	$0.00	0	s.f.	$	-
Div	10	Specialties	$0.00	0	s.f.	$	-
Div	11	Equipment	$0.00	0	s.f.	$	-
Div	12	Furnishings	$0.00	0	s.f.	$	-
Div	13	Special Construction	$0.00	0	s.f.	$	-
Div	14	Conveying Equipment	$0.00	0	s.f.	$	-
Div	21	Fire Suppression	$0.00	0	s.f.	$	-
Div	22	Plumbing	$0.00	0	s.f.	$	-
Div	23	HVAC	$0.00	0	s.f.	$	-
Div	25	Integrated Automation	$0.00	0	s.f.	$	-
Div	26	Electrical (Service entrances, site lighting)	$0.50	92,500	s.f.	$	46,250
Div	27	Communications (Service entrance to demarc)	$0.25	92,500	s.f.	$	23,125
Div	28	Electronic Safety and Security	$0.25	92,500	s.f.	$	23,125
Div	31	Earthwork & stormwater management	$2.50	92,500	s.f.	$	231,250
Div	32	Exterior improvements (Paving, roadwork)	$4.00	57,280	s.f.	$	229,120
Div	32	Exterior improvements - all other	$1.00	57,280	s.f.	$	57,280
Div	33	Utilities, other	$1.00	57,280	s.f.	$	57,280
					Subtotal	$	713,680
					OH&P 10%	$	71,368
					Subtotal	$	785,048
					Bond 1.5%	$	11,776
					Subtotal	$	796,824
					Design Contingency 10%	$	79,682
					Subtotal	$	876,506
				Escalation to mid point of construction	0%	$	-
		Total Construction Cost Estimate	$9.48 s.f.			$	876,506

PRELIMINARY DESIGN & CONSTRUCTION SCHEDULE
ST. MARY'S ADVANCE LIFE SUPPORT FACILITY
prepared by: SCHRADERGROUP Architecture 27 April 2020

ID	Task Name	Duration
1	**Design & Documentation Phase**	**140 days**
2	Project Design Kick-off	0 days
3	Schematic Design Phase	6 wks
4	Design Development Phase	10 wks
5	Site Development / Civil Eng'g Package	10 wks
6	Land Development Reviews	12 wks
7	Construction Documents Phase	10 wks
8	**Bidding Phase**	**30 days**
9	Advertise	2 wks
10	Bid & Award	4 wks
11	**Construction Phase**	**240 days**
12	Mobilization & Site Prep	4 wks

13	Construction Period	40 wks
14	Project Closeout	4 wks
15	Project Move-in	0 days



ROOM DATA SHEETS

1.0 ALS OFFICES

Program Number: **1.1**
Room/ Space Name: Waiting - Reception
Space Standard Code:
Minimum Ceiling Height 9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
X	Individual Screens
	Conferencing Capabilities
	Other

Video Message board?

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
X	Ceramic/Porcelain tile
	Monolithic Product
	High Finish Product
X	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
	Heat Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices	X			
2.0	Training Areas	X			
3.0	Staff Areas	X			
4.0	ALS Support			X	
5.0	Vehicle Bays			X	
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Seating for two-four visitors.
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

1.0 ALS OFFICES

Program Number:	1.2
Room/ Space Name:	Administrative Office
Space Standard Code:	CO
Minimum Ceiling Height	9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
X	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
X	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
X	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
	Heat Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices	X			
2.0	Training Areas	X			
3.0	Staff Areas	X			
4.0	ALS Support			X	
5.0	Vehicle Bays			X	
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Provide interior window with visitor transaction counter.
2 Minimum two (2) computers/one (1) printer /one (1) telephone.
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

1.0 ALS OFFICES

Program Number:	1.3
Room/ Space Name:	Report Writing Office & Medical Library
Space Standard Code:	CO
Minimum Ceiling Height	9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
X	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
X	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
X	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
	Heat Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

X	More outlets
	Generator
	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices	X			
2.0	Training Areas		X		
3.0	Staff Areas		X		
4.0	ALS Support			X	
5.0	Vehicle Bays			X	
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Minimum two (2) computers/two (2) printers (one capable of scan/fax)/one (1) telephone.
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

1.0 ALS OFFICES

Program Number:	1.4
Room/ Space Name:	Operations Office
Space Standard Code:	CO
Minimum Ceiling Height	9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
X	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
X	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
X	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
	Heat Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

X	More outlets
	Generator
	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices	X			
2.0	Training Areas	X			
3.0	Staff Areas	X			
4.0	ALS Support			X	
5.0	Vehicle Bays			X	
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Minimum two (2) computers/one (1) printer/one (1) telephone.
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

1.0 ALS OFFICES

Program Number: 1.5
Room/ Space Name: Admin. Conference
Space Standard Code:
Minimum Ceiling Height 9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
X	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
X	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
X	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
	Heat Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices	X			
2.0	Training Areas		X		
3.0	Staff Areas		X		
4.0	ALS Support			X	
5.0	Vehicle Bays			X	
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

1.0 ALS OFFICES

Program Number: 1.6
Room/ Space Name: Admin. Workroom/Files/Storage
Space Standard Code:
Minimum Ceiling Height 9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
X	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
X	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
X	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
	Heat Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

X	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices	X			
2.0	Training Areas		X		
3.0	Staff Areas		X		
4.0	ALS Support			X	
5.0	Vehicle Bays			X	
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Power receptacles for various pieces of office equipment.
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

1.0 ALS OFFICES

Program Number: 1.7
Room/ Space Name: Document Storage
Space Standard Code:
Minimum Ceiling Height 9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

X	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
	Heat Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices	X			
2.0	Training Areas			X	
3.0	Staff Areas			X	
4.0	ALS Support			X	
5.0	Vehicle Bays			X	
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

1.0 ALS OFFICES

Program Number: 1.8
Room/ Space Name: IT Storage/Server/Security Head-end Server
Space Standard Code:
Minimum Ceiling Height 9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

X	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	Heat Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

X	More outlets
	Generator
X	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices	X			
2.0	Training Areas			X	
3.0	Staff Areas			X	
4.0	ALS Support			X	
5.0	Vehicle Bays			X	
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Room ventilation & cooling based on equipment load.
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

2.0 TRAINING AREAS

Program Number: 2.1
Room/ Space Name: Training Room
Space Standard Code:
Minimum Ceiling Height 12'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
X	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
X	Individual Screens
	Conferencing Capabilities
X	Other: Ceiling-mounted projector

CEILING

X	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

X	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	Exhaust/Enhanced ventilation
	Chemical Exhaust
X	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas	X			
3.0	Staff Areas		X		
4.0	ALS Support		X		Extension of training program.
5.0	Vehicle Bays	X			Extension of training program.
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Room dividable with folding partition system.
2 Ceiling-mtd projectors (w/ connected audio system) ea. side & roll-down projection screens.
3 Other wall-mtd. flat-panel displays?

GENERAL COMMENTS

1 Sized for twenty-four (24) training positions & fifty (50) in townhall setting.
2
3

2.0 TRAINING AREAS

Program Number: 2.2
Room/ Space Name: Training Room Break-out
Space Standard Code:
Minimum Ceiling Height 10'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
X	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
X	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
X	Washable
	Other

WALLS

	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
	Ceramic tile
X	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	Exhaust/Enhanced ventilation
	Chemical Exhaust
X	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

X	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas	X			
3.0	Staff Areas		X		
4.0	ALS Support		X		Extension of training program.
5.0	Vehicle Bays	X			Extension of training program.
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Large meeting room overflow and break-out training activities.
2 Include base & wall cabiners along one wall.
3

GENERAL COMMENTS

1 Room divider for small group training sessions.
2
3

ROOM DATA SHEETS

2.0 TRAINING AREAS

Program Number: 2.3
Room/ Space Name: Manikin Training/Break-out/Cadever Lab
Space Standard Code:
Minimum Ceiling Height 10'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
X	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
X	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
X	Washable
	Other

WALLS

	Water Impervious
X	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
	Ceramic tile
X	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	Exhaust/Enhanced ventilation
	Chemical Exhaust
X	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

X	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas	X			
3.0	Staff Areas		X		
4.0	ALS Support		X		Extension of training program.
5.0	Vehicle Bays	X			Extension of training program.
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Include deep sink & floor drain with wash-down capabilities for human cadaver training
2 Include base & wall cabiners along one wall for storage & display of manikins
3 Flat-panel displays each side of room divider.

GENERAL COMMENTS

1 Room divider for small group training sessions.
2
3

2.0 TRAINING AREAS

Program Number: 2.4
Room/ Space Name: Training Room Chair Storage
Space Standard Code:
Minimum Ceiling Height 9'-0"

SPACE ATTRIBUTES

ACCESS

	Secure
X	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
	Washable
	Security
X	Full Height
	Standard
	Acoustically Treated

FLOOR

	VET
	Ceramic tile
X	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
	Heat Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices			X	
2.0	Training Areas	X			
3.0	Staff Areas			X	
4.0	ALS Support			X	
5.0	Vehicle Bays			X	
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1
2
3

GENERAL COMMENTS

1 Adjacent to large training room.
2
3

ROOM DATA SHEETS

2.0 TRAINING AREAS

Program Number: 2.5
Room/ Space Name: Training Storage
Space Standard Code:
Minimum Ceiling Height 9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
	Ceramic tile
X	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
	Heat Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices			X	
2.0	Training Areas	X			
3.0	Staff Areas			X	
4.0	ALS Support			X	
5.0	Vehicle Bays			X	
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1
2
3

GENERAL COMMENTS

1
2
3

2.0 TRAINING AREAS

Program Number: 2.6
Room/ Space Name: Public Toilet - Male
Space Standard Code:
Minimum Ceiling Height 8'-0"

SPACE ATTRIBUTES

ACCESS

	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
X	Washable
	Other

WALLS

	Water Impervious
X	Washable/Ceramic Tile
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
X	Ceramic tile
	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Room Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices	X			
2.0	Training Areas	X			
3.0	Staff Areas			X	
4.0	ALS Support		X		
5.0	Vehicle Bays		X		
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

2.0 TRAINING AREAS

Program Number: 2.7
Room/ Space Name: Public Toilet - Female
Space Standard Code:
Minimum Ceiling Height 8'-0"

SPACE ATTRIBUTES

ACCESS

	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
X	Washable
	Other

WALLS

	Water Impervious
X	Washable/Ceramic Tile
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
X	Ceramic tile
	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Room Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices	X			
2.0	Training Areas	X			
3.0	Staff Areas			X	
4.0	ALS Support		X		
5.0	Vehicle Bays		X		
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

3.0 STAFF AREAS

Program Number:	3.1
Room/ Space Name:	Lounge
Space Standard Code:	
Minimum Ceiling Height	9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
X	Individual Screens
	Conferencing Capabilities
	Other

Video Message board?

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
	Ceramic/Porcelain tile
	Monolithic Product
	High Finish Product
X	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
	Heat Exhaust
	Chemical Exhaust
X	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas		X		
3.0	Staff Areas	X			
4.0	ALS Support		X		
5.0	Vehicle Bays		X		
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Dining table with seating for eight (8) minimum & lounge seating with flat-panel TV.
2
3

GENERAL COMMENTS

1
2
3

3.0 STAFF AREAS

Program Number: 3.2
Room/ Space Name: Kitchen
Space Standard Code:
Minimum Ceiling Height 9'-0"

SPACE ATTRIBUTES

ACCESS

	Secure
X	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
X	Washable
	Other

WALLS

	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

X	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	Heat Exhaust
	Cooking Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

X	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
X	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas		X		
3.0	Staff Areas	X			
4.0	ALS Support		X		
5.0	Vehicle Bays		X		
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Microwave, refrigerator, coffee maker, full stove with exhaust hood.
2 Adjacent to dining/lounge - some separation between.
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

3.0 STAFF AREAS

Program Number:	3.3
Room/ Space Name:	Pantry/Stores
Space Standard Code:	
Minimum Ceiling Height	9'-0"

SPACE ATTRIBUTES

ACCESS

	Secure
X	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
	Acoustical
	Security
X	Hard Ceiling
X	Washable
	Other

WALLS

	Water Impervious
X	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

X	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
	Heat Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas		X		
3.0	Staff Areas	X			
4.0	ALS Support		X		
5.0	Vehicle Bays		X		
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Immediately adjacent to Kitchen.
2
3

GENERAL COMMENTS

1
2
3

3.0 STAFF AREAS

Program Number:	3.4
Room/ Space Name:	Bedroom 1thru 6
Space Standard Code:	
Minimum Ceiling Height	9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
X	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
X	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
X	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
	Heat Exhaust
	Chemical Exhaust
X	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas		X		
3.0	Staff Areas	X			
4.0	ALS Support		X		
5.0	Vehicle Bays		X		
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Single bed, night stand, telephone. Almost like oceanliner berth without much extraneous space
2 Include Staff Storage Locker as casework item within Bedroom.
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

3.0 STAFF AREAS

Program Number:	3.5
Room/ Space Name:	Bath/Shower - Women
Space Standard Code:	
Minimum Ceiling Height	8'-0"

SPACE ATTRIBUTES

ACCESS

	Secure
X	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
X	Hard Ceiling
X	Washable
	Other

WALLS

X	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
X	Ceramic tile
	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas		X		
3.0	Staff Areas	X			
4.0	ALS Support		X		
5.0	Vehicle Bays		X		
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Two showers and toilet in separate rooms plus common sink area
2
3

GENERAL COMMENTS

1
2
3

3.0 STAFF AREAS

Program Number:	3.6
Room/ Space Name:	Bath/Shower - Men
Space Standard Code:	
Minimum Ceiling Height	8'-0"

SPACE ATTRIBUTES

ACCESS

	Secure
X	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
X	Hard Ceiling
X	Washable
	Other

WALLS

X	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
X	Ceramic tile
	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas		X		
3.0	Staff Areas	X			
4.0	ALS Support		X		
5.0	Vehicle Bays		X		
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Two showers and toilet in separate rooms plus common sink area
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

3.0 STAFF AREAS

Program Number: 3.7
Room/ Space Name: Laundry Room
Space Standard Code:
Minimum Ceiling Height 8'-0"

SPACE ATTRIBUTES

ACCESS

	Secure
X	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
X	Washable
	Other

WALLS

	Water Impervious
X	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

X	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	Dryer Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

X	Dedicated W/D Receptacles
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas		X		
3.0	Staff Areas	X			
4.0	ALS Support		X		
5.0	Vehicle Bays		X		
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1
2
3

GENERAL COMMENTS

1 Near Bedrroms.
2
3

3.0 STAFF AREAS

Program Number:	3.8
Room/ Space Name:	Linen Closet
Space Standard Code:	
Minimum Ceiling Height	8'-0"

SPACE ATTRIBUTES

ACCESS

	Secure
X	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
X	Washable
	Other

WALLS

	Water Impervious
X	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

X	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	Dryer Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

X	Dedicated W/D Receptacles
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas		X		
3.0	Staff Areas	X			
4.0	ALS Support		X		
5.0	Vehicle Bays		X		
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Storage of bed linens
2 Adjacent to Laundry and near Bedrooms
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

3.0 STAFF AREAS

Program Number: 3.9
Room/ Space Name: Locker Storage - PLACE IN BEDROOM
Space Standard Code:
Minimum Ceiling Height

SPACE ATTRIBUTES

ACCESS
- [ ] Secure
- [ ] Non-Secure

ACOUSTICS
- [ ] Secure
- [ ] Confidential
- [ ] Speech Privacy
- [ ] Normal

AUDIO VISUAL
- [ ] Video Wall
- [ ] Individual Screens
- [ ] Conferencing Capabilities
- [ ] Other

CEILING
- [ ] Exposed Structure
- [ ] Acoustical
- [ ] Security
- [ ] Hard Ceiling
- [ ] Washable
- [ ] Other

WALLS
- [ ] Water Impervious
- [ ] Washable
- [ ] Security
- [ ] Full Height
- [ ] Standard
- [ ] Acoustically Treated

FLOOR
- [ ] VET
- [ ] Ceramic tile
- [ ] Monolithic Product
- [ ] High Finish Product
- [ ] Carpet
- [ ] Raised Access
- [ ] High Structural Load
- [ ] Other

HVAC
- [ ] Standard
- [ ] Heat Exhaust
- [ ] Chemical Exhaust
- [ ] Individual Controls
- [ ] High Rate Exhaust
- [ ] CRAC Room Units

POWER
- [ ] More outlets
- [ ] Generator
- [ ] UPS

LIGHTING
- [ ] Standard
- [ ] Natural Light
- [ ] Reduced Glare
- [ ] Task Lighting
- [ ] Adjustable
- [ ] Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas		X		
3.0	Staff Areas	X			
4.0	ALS Support		X		
5.0	Vehicle Bays		X		
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS
1 Staff Locker to be located in casework items positioned within Staff Bedrooms.
2
3

GENERAL COMMENTS
1
2
3

3.0 STAFF AREAS

Program Number:	3.10
Room/ Space Name:	Exercise Room
Space Standard Code:	
Minimum Ceiling Height	9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

X	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
X	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
X	Rubber Sports Floor

HVAC

X	Standard
X	General Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

X	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas		X		
3.0	Staff Areas	X			
4.0	ALS Support		X		
5.0	Vehicle Bays		X		
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Room for basic exercise equipment (final equipment TBD), stretching/ calisthenics area
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

4.0 ALS SUPPORT

Program Number: 4.1
Room/ Space Name: Radio room for Base Station
Space Standard Code:
Minimum Ceiling Height 8'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

Video Message board?

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

X	VET
	Ceramic/Porcelain tile
	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
X	Generator
X	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices	X			
2.0	Training Areas			X	
3.0	Staff Areas	X			
4.0	ALS Support	X			
5.0	Vehicle Bays		X		
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Radio and telephone equipment (define).
2 In-boxes for ~150 people adjacent.
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

4.0 ALS SUPPORT

Program Number: 4.2
Room/ Space Name: Gear Closet
Space Standard Code:
Minimum Ceiling Height 9'-0"

SPACE ATTRIBUTES

ACCESS

	Secure
X	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
	Acoustical
	Security
X	Hard Ceiling
X	Washable
	Other

WALLS

	Water Impervious
X	Washable
	Security
X	Full Height
	Standard
	Acoustically Treated

FLOOR

	VET
	Ceramic tile
X	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Exhaust
	Cooking Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas			X	
3.0	Staff Areas		X		
4.0	ALS Support	X			
5.0	Vehicle Bays	X			
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Running gear & uniforms. Other?
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

4.0 ALS SUPPORT

Program Number: 4.3
Room/ Space Name: LP Closet / Durable goods closet
Space Standard Code:
Minimum Ceiling Height 9'-0"

SPACE ATTRIBUTES

ACCESS

	Secure
X	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
	Acoustical
	Security
X	Hard Ceiling
X	Washable
	Other

WALLS

	Water Impervious
X	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

X	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
	Heat Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas			X	
3.0	Staff Areas		X		
4.0	ALS Support	X			
5.0	Vehicle Bays	X			
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 life packs, batteries, etc.
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

4.0 ALS SUPPORT

Program Number: 4.4
Room/ Space Name: Medical Supply Storeroom + DEA safe
Space Standard Code:
Minimum Ceiling Height 9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
X	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
X	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
X	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
X	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
	Heat Exhaust
	Chemical Exhaust
X	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas			X	
3.0	Staff Areas		X		
4.0	ALS Support	X			
5.0	Vehicle Bays	X			
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Used for vehicle restocking.
2 Contains a DEA drug safe.
3 Within vehicle bay / possibly use of vending system.

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

4.0 ALS SUPPORT

Program Number: 4.5
Room/ Space Name: Bulk Medical Supply Storeroom - Depot
Space Standard Code:
Minimum Ceiling Height 9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

X	Exposed Structure
	Acoustical
	Security
	Hard Ceiling
X	Washable
	Other

WALLS

	Water Impervious
X	Washable
X	Security
X	Full Height
	Standard
	Acoustically Treated

FLOOR

	VET
	Ceramic tile
X	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas			X	
3.0	Staff Areas		X		
4.0	ALS Support	X			
5.0	Vehicle Bays	X			
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Serves to backup main storeroom and receipt of deliveries.
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

4.0 ALS SUPPORT

Program Number:	4.6
Room/ Space Name:	Battery Charging Area for LP & Radios - include with Radio Room
Space Standard Code:	
Minimum Ceiling Height	8'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
	Acoustical
	Security
X	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
	Washable
X	Security
X	Full Height
X	Standard
	Acoustically Treated

FLOOR

	VET
	Ceramic tile
X	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

X	More outlets
X	Generator
X	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas			X	
3.0	Staff Areas		X		
4.0	ALS Support	X			
5.0	Vehicle Bays	X			
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Multiple outlets.
2 Deterine final radio counts
3 Currently no use of MDT's

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

5.0 VEHICLE BAYS

Program Number: 5.1
Room/ Space Name: Bays 1thru 4
Space Standard Code:
Minimum Ceiling Height 14'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

X	Exposed Structure
	Acoustical
	Security
	Hard Ceiling
X	Washable
	Other

WALLS

X	Water Impervious
X	Washable
	Security
X	Full Height
	Standard
	Acoustically Treated

FLOOR

	VET
	Ceramic/Porcelain tile
X	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Exhaust
?	Vehicle Exhaust Extraction
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
X	Generator
	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
X	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas	X			
3.0	Staff Areas		X		
4.0	ALS Support	X			
5.0	Vehicle Bays	X			
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Height & length to accommodate larger Medic units.
2 Confirm door dimensions - 12FT W x 12FT H, minimum
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

5.0 VEHICLE BAYS

Program Number: 5.2
Room/ Space Name: Wash-down/Decon Area
Space Standard Code:
Minimum Ceiling Height 10'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

X	Exposed Structure
	Acoustical
	Security
	Hard Ceiling
X	Washable
	Other

WALLS

X	Water Impervious
X	Washable
	Security
X	Full Height
	Standard
	Acoustically Treated

FLOOR

	VET
	Ceramic/Porcelain tile
X	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Exhaust
	Vehicle Exhaust Extraction
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
X	Generator
	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
X	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas	X			
3.0	Staff Areas		X		
4.0	ALS Support	X			
5.0	Vehicle Bays	X			
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Outermost portion of the vehicle bay area for soiled or "hot-zone" separation
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

5.0 VEHICLE BAYS

Program Number: 5.3
Room/ Space Name: Bay Work Area
Space Standard Code:
Minimum Ceiling Height 10'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

X	Exposed Structure
	Acoustical
	Security
	Hard Ceiling
X	Washable
	Other

WALLS

X	Water Impervious
X	Washable
	Security
X	Full Height
	Standard
	Acoustically Treated

FLOOR

	VET
	Ceramic/Porcelain tile
X	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Exhaust
	Vehicle Exhaust Extraction
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
X	Generator
	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
X	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas		X		
3.0	Staff Areas		X		
4.0	ALS Support		X		
5.0	Vehicle Bays	X			
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Area for gear shake-down & inspection
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

6.0 MECHANICAL/MAINTENANCE

Program Number:	6.1
Room/ Space Name:	Custodial - Staff Wing
Space Standard Code:	
Minimum Ceiling Height	8'-0"

SPACE ATTRIBUTES

ACCESS

	Secure
X	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

Video Message board?

CEILING

	Exposed Structure
	Acoustical
	Security
X	Hard Ceiling
X	Washable
	Other

WALLS

	Water Impervious
X	Washable
	Security
X	Full Height
X	Standard
	Acoustically Treated

FLOOR

	VET
	Ceramic/Porcelain tile
X	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices			X	
2.0	Training Areas			X	
3.0	Staff Areas	X			
4.0	ALS Support			X	
5.0	Vehicle Bays			X	
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Radio and telephone equipment (define).
2 In-boxes for ~150 people adjacent.
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

6.0 MECHANICAL/MAINTENANCE

Program Number:	6.2
Room/ Space Name:	Custodial Storeroom - ALS Support
Space Standard Code:	
Minimum Ceiling Height	9'-0"

SPACE ATTRIBUTES

ACCESS

	Secure
X	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

	Exposed Structure
	Acoustical
	Security
X	Hard Ceiling
X	Washable
	Other

WALLS

	Water Impervious
X	Washable
	Security
X	Full Height
X	Standard
	Acoustically Treated

FLOOR

	VET
	Ceramic tile
X	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Exhaust
	Cooking Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices		X		
2.0	Training Areas	X			
3.0	Staff Areas			X	
4.0	ALS Support	X			
5.0	Vehicle Bays		X		
6.0	Mechanical/Maintenance		X		

SPECIAL REQUIREMENT COMMENTS

1 Custodial supplies and deep (service) sink.
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

6.0 MECHANICAL/MAINTENANCE

Program Number:	6.3
Room/ Space Name:	Engineer's Storeroom/Work Room
Space Standard Code:	
Minimum Ceiling Height	10'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

X	Exposed Structure
	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
X	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

X	VET
	Ceramic tile
	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Exhaust
?	Chemical Exhaust
	Individual Controls
?	High Rate Exhaust
	CRAC Room Units

POWER

X	More outlets
X	Generator
X	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
X	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices			X	
2.0	Training Areas			X	
3.0	Staff Areas			X	
4.0	ALS Support		X		
5.0	Vehicle Bays		X		
6.0	Mechanical/Maintenance	X			

SPECIAL REQUIREMENT COMMENTS

1 Work bench, shelves & cabinets
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

6.0 MECHANICAL/MAINTENANCE

Program Number:	6.4
Room/ Space Name:	Mechanical/Maintenance
Space Standard Code:	
Minimum Ceiling Height	9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

X	Exposed Structure
	Acoustical
	Security
	Hard Ceiling
	Washable
	Other

WALLS

	Water Impervious
X	Washable
	Security
X	Full Height
	Standard
X	Acoustically Treated

FLOOR

	VET
	Ceramic tile
X	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
X	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices			X	
2.0	Training Areas			X	
3.0	Staff Areas			X	
4.0	ALS Support			X	
5.0	Vehicle Bays			X	
6.0	Mechanical/Maintenance	X			

SPECIAL REQUIREMENT COMMENTS

1
2
3

GENERAL COMMENTS

1
2
3

ROOM DATA SHEETS

6.0 MECHANICAL/MAINTENANCE

Program Number: 6.5
Room/ Space Name: Miscellaneous Storage
Space Standard Code:
Minimum Ceiling Height 9'-0"

SPACE ATTRIBUTES

ACCESS

X	Secure
	Non-Secure

ACOUSTICS

	Secure
	Confidential
	Speech Privacy
X	Normal

AUDIO VISUAL

	Video Wall
	Individual Screens
	Conferencing Capabilities
	Other

CEILING

X	Exposed Structure
	Acoustical
	Security
	Hard Ceiling
X	Washable
	Other

WALLS

	Water Impervious
X	Washable
X	Security
X	Full Height
	Standard
	Acoustically Treated

FLOOR

	VET
	Ceramic tile
X	Monolithic Product
	High Finish Product
	Carpet
	Raised Access
	High Structural Load
	Other

HVAC

X	Standard
X	General Exhaust
	Chemical Exhaust
	Individual Controls
	High Rate Exhaust
	CRAC Room Units

POWER

	More outlets
	Generator
	UPS

LIGHTING

X	Standard
	Natural Light
	Reduced Glare
	Task Lighting
	Adjustable
	Special Lighting

ADJACENCIES

		DIRECT	NEAR	NONE	COMMENTS
1.0	ALS Offices			X	
2.0	Training Areas			X	
3.0	Staff Areas			X	
4.0	ALS Support		X		
5.0	Vehicle Bays	X			
6.0	Mechanical/Maintenance			X	

SPECIAL REQUIREMENT COMMENTS

1 Closet accessed from vehicle bays
2
3

GENERAL COMMENTS

1
2
3