FAIRBANKS DEPARTMENT OF PUBLIC SAFETY (DPS)

Building Reconfiguration

Master Plan Report

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Prepared For

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INTRODUCTION

The Fairbanks Department of Public Safety (DPS) Office Building is the central support infrastructure for Alaska's interior regions. Located at 1979 Peger Road, the facility is aging and undersized for both the current and anticipated future needs of the department. In general, the existing DPS facility has numerous deficiencies and inefficiencies that inhibit rather than enhance the mission of the Department of Public Safety.

Existing Areas of Concern Include:

- Poor organization of spaces and staff adjacencies throughout the facility
- Lack of critical specialized spaces
    - Evidence storage (Freezer and conditioned dry space)
    - Crime Laboratory
    - Holding cells
- Insufficient privacy and acoustical separation
- Aging and high maintenance finishes
- Outdated data infrastructure
- Plumbing systems nearing their end of life
- Inefficiencies in the power distribution system and inadequate emergency backup power

DPS expects to have the Division of Motor Vehicles (DMV) vacate a substantial portion of the facility in May of 2022. This available square footage provides an opportunity to update, reconfigure, and ultimately expand the facility to respond to the much-needed evidence storage, holding cells, and emergency readiness components that the facility currently lacks.

A Master Plan of the entire building is recommended to best utilize the available space and provide the desired improvements to the current workflow, as well as provides support for future growth. The Master Plan will include a building addition for consolidation of all evidence related operations and provide dedicated storage for emergency readiness. The expanded and fully renovated facility, shown in the Concept Drawings, will be accomplished through phased construction to allow for the building to remain operational during construction; phased work is described further in this report. Overall, the phased construction approach will minimize disruption and staff displacement during the construction phases, allowing the critical 24/7/365 work of the department to continue throughout the project.

While some suites within the building will require a full remodel to support workload demands, impact to other areas will be minimal by utilizing existing spaces and configurations where possible for project efficiency. However, through the course of the project, all interior finishes and building systems will be replaced or refreshed resulting in a facility suitable for decades of low maintenance use.

In addition to the interior work listed above, this project will also require exterior site improvements that are further described in this report. In general, site work will support interior floor plan changes, improve site circulation, and provide new traffic patterns to support the anticipated workflow.

The intent of this Investigative Phase is to compile a report of conditions and objectives for the project and provide a feasible concept in a form that achieves understanding and acceptance.

PROJECT ANALYSIS

EXISTING CONDITIONS

Site Layout: Currently, the Department of Public Services (DPS) Building is accessed from Peger Road and the site is divided into two parts. To the north, near the main entrance, is a large parking lot used mainly by visitors and by the Department of Motor Vehicles (DMV). Only a small portion of this parking lot to the east has head bolt outlets (HBO), and it is used by DMV employees. To the south are the primary parking spots for the troopers and the employees. There are currently not enough parking spaces to house all employee vehicles and trooper cars. The two halves are connected by a drive, on which trooper cars are frequently parked. Other vehicles end up parked on various gravel and grass surfaces, including locations that are not part of the state property. Some of the staff parking spaces do not have HBOs, while others impede easy access in and out of the garage, compromising trooper readiness.

The back of the lot (on the east side of the DPS Building), is a variety of temporary and permanent buildings as well as fenced lots for vehicles seized as evidence. An unused helipad sits in the northeast corner of the developed site. The area is surfaced in old, cracked asphalt, gravel, and mud. This area lacks security with sparse lighting and dispersed evidence storage.

Figure 1: Existing Site Plan, see page 23 for additional detail.

Stormwater: The DPS Building has two spouts conveying all roof rainwater to the east, toward the back drive. The garage has a third spout conveying water south. The east spouts from the main building present a challenge, especially during break up, since the water is discharged directly to the adjacent asphalt drive which does not drain properly. Ice buildup, as well as muddy conditions, are a regular concern in this area of the facility. The runoff from the garage is less of an issue since this area is smaller, but ice during spring

is still a concern. These unsafe driving conditions can potentially impact response times for vehicles parked in the garage, as well as on the east side of the building in case of emergency.

Site Utilities: Both water and sanitary sewer services run from Peger Road and are currently sized to accommodate existing uses as well as a small expansion. Electrical service is also adequate, though the site lacks sufficient lighting and HBO's.

Architectural: The DPS Building was constructed in 1980 and currently supports the growing needs of roughly 140 personnel. As staffing and sub-departments have relocated over the years to accommodate their growing needs, the current state of the facility is left with poor functional arrangement and building circulation for these mission critical staff. Except for a few minor interior renovations, the interior finishes are original, outdated, and in cases limit the ease of maintaining the building from a facilities standpoint. Specifically, the public area metallic slat ceiling is a barrier for accessing and performing maintenance on above-ceiling equipment and mechanical systems. Other existing areas of concern include:

- Critical evidence being stored outside in unconditioned shipping containers.
- The size of the existing garage cannot accommodate the processing of taller vehicles and/or the delivery of non-functioning vehicles without utilizing additional space, manpower and/or equipment.
- The troopers do not have a secure location separate from the public to have private conversations with visitors.

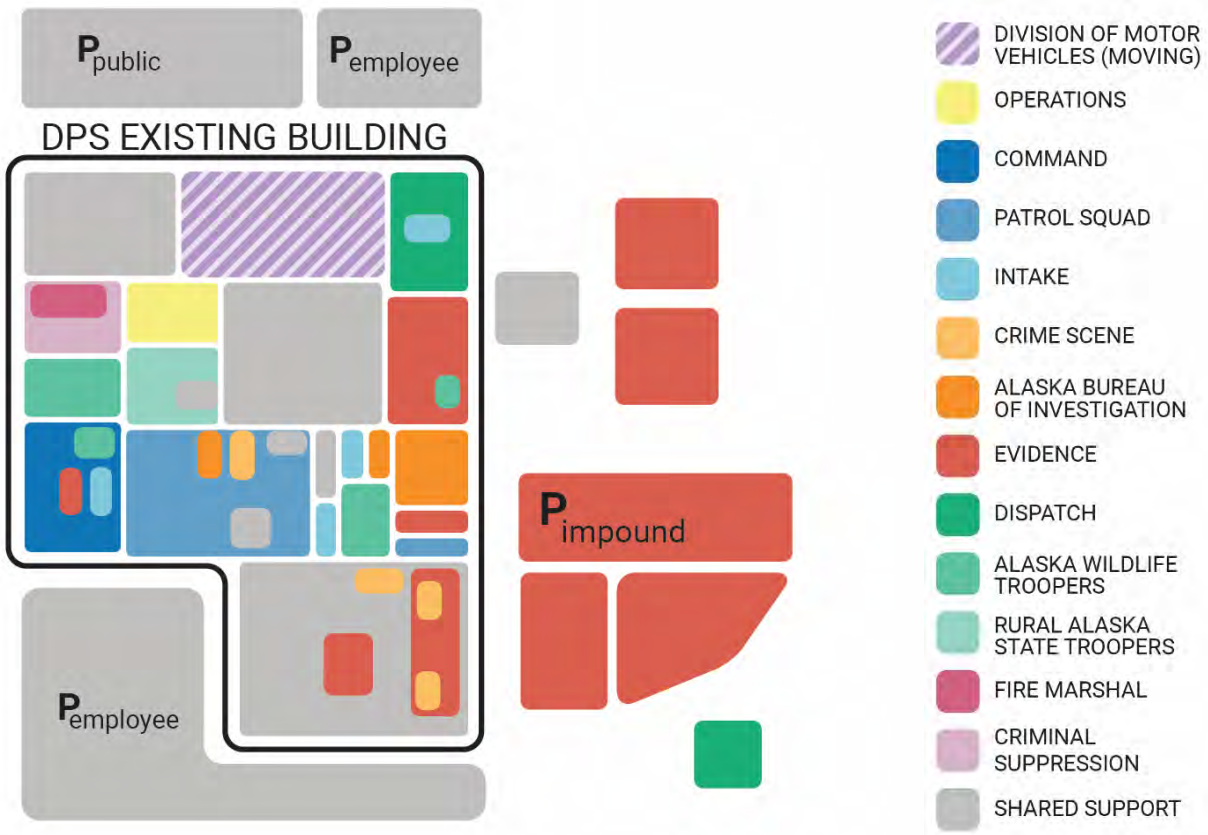


Figure 2:2 Existing building layout diagram, see page 24 for additional information.

Structural: The main portion of the existing building is structural steel with bar joists and chevron brace bays. There is a mechanical penthouse atop a 4-inch elevated concrete slab. The foundation consists of concrete stem walls, piers, and footings, with a concrete slab on-grade. The garage portion of the building consists of load bearing precast concrete walls with cast in place footings. A portion of the roof is an elevated concrete slab, and the rest is steel bar joists.

Ventilation System: The existing ventilation system is used to heat most of the occupied spaces. We have never seen an air heating system successfully used in an office environment in Fairbanks. This has resulted in complaints about perimeter spaces being uncomfortably colder than central spaces in the building.

The air moving equipment is adequate and operating well. While the existing fan system is an obsolete Tempmaster system, the working parts are all readily available through other sources.

Refrigerant for the existing ventilation A/C unit can no longer be manufactured. The only replacement refrigerant available now is used or stocked. Replacing the unit during this renovation is recommended. While the current equipment is not original, we are not certain of its age but observe signs it is nearing the end of its serviceable life.

Heating: The heating system is a hydronic heating system with four, Weil McLain, oil fired boilers. These boilers adequately carry the heating load. The condition of the stack is unknown. At the present age this stack should be inspected and replaced if needed. Stacks can corrode over time and once the stack wall is breached, they become a serious fire hazard.

The entries and garage are heated with unit heaters. The cabinet unit heaters at the entry vestibules are near the end of their useful life and need to be replaced.

The building fuel tank is a 5,000-gallon double wall construction tank with monitoring installed and is in very good shape, having been installed approximately 12 years ago. The tank is located just outside the existing Mechanical Room where parking does not interfere with the fuel delivery truck and there is a very short distance to the boilers and current generator.

In addition to the fuel tank outside the Mechanical Room, there is also a stub up for natural gas that was installed at the same time the water line was replaced, approximately 2016. Dual fuel burners were considered but are unavailable for the size of burners installed.

Plumbing: The existing copper domestic water piping is expected to last another 50 years. The existing buried waste system is approaching the end of its useful life. We are seeing some failures of waste systems installed during the period of the DPS construction. These systems either need to be lined with epoxy liners that are blown into the piping system or dug up and replaced entirely. Maintenance issues with urinals in the facility indicate that above grade waste piping to them should be replaced.

The water heater is original and is nearing the end of its useful life.

Roof Drain System: The existing roof drain piping is experiencing leaks when water collects in the system during freezing conditions.

Controls: The control system is a Siemens DDC system. This system is functioning well and would not be replaced; however, some modification may be required depending on system changes.

Fire Protection: The existing sprinkler system is coming up on 50 years. At 50 years, the sprinkler heads either must be totally replaced or a percentage must be removed and sent off to be tested. We are aware of successfully tested sprinkler heads and recommend sending off heads for testing as the first course of action. Heads could be sent off as part of the construction project but would be done better as part of a maintenance activity so that it is known whether a total head replacement activity is required.

Exhaust: Equipment used by crime lab personnel is currently housed in the garage where it is subject to a dirty environment and is difficult to secure. Equipment produces significant heat when operating and requires exhaust air to dissipate heat and fumes, however the current exhaust rate is not adequate. Equipment should be reconfigured within an enclosed space.

Server Room Cooling: Dispatch Server Room cooling equipment was installed in 2018 to support the AST dispatch relocation; cooling was sized based on a full server room and will not be increased. The Central Server Room contains two, 2-ton ceiling mounted A/C units which were replaced in 2021 and adequately serves the space. There are no concerns with the refrigerant used by these units.

Electrical Distribution System: The existing 800A service, based on years' worth of meter readings from GVEA, has over 50 percent spare capacity. However, the existing EM distribution system is nearing capacity. This is experienced from both a demand load perspective and circuit perspective in areas of the building. This is partly due to the limited capacity of a 200A transfer switch and 50 kW generator which is managing increased equipment required to be on the generator system compared to the original loads.

The existing distribution system does not have the capacity to carry the building in its entirety on the generator, nor is the infrastructure in place to segregate out loads. Most of the building is currently not on generator backup. Additionally, with increasing requirements on the type of life safety systems that are put on a generator, the existing infrastructure cannot accommodate these new types of life safety systems without a complete replacement of said distribution equipment.

Electrical Distribution System (UPS Backup): The existing main Telecommunication Room includes a single main Uninterruptible Power Supply (UPS) and individual rack mounted UPS to serve telecommunication equipment for operations. The workstations located throughout dispatch are provided two outlets, one powered from the generator backup distribution system and the other from the main UPS distribution system.

Communications: The telecommunication horizontal distribution for the facility is a mixture of telephone lines and Cat 5/5e ethernet cabling spread across multiple telecommunication rack and telephone panelboards/66 blocks. The analysis of active telephone lines will still need to be assessed, but it is largely presumed that most of these lines are not active anymore with the prevalence of Voice Over Internet Protocol (VoIP) systems.

Fiberoptic data cabling has been brought to the building but distribution of this infrastructure throughout the building has not been completed due to service costs and challenges with routing the specialized cabling through the existing ceiling spaces with limited access and congestion by abandoned, obsolete, system components.

OBJECTIVES

Available space due to DMV vacancy has prompted a reorganization of spaces to better support the growing needs of the building and improve its functional arrangement. This project will include a building addition to support evidence storage along with a complete systems replacement and finish upgrades throughout the existing DPS Building to address departmental adjacency concerns, and more clearly define circulation through the renovated facility.

The fully renovated facility will be accomplished through phased construction to allow for the building to remain operational for the duration of the construction projects. While departments and staff will be displaced temporarily during the construction phases, the end goal of the project will accommodate the 13 categories of spaces defined by this report in their functional areas as illustrated in the supporting drawings section of this report.

DESIGN CRITERIA

Authority Having Jurisdiction	City of Fairbanks
Building Code	2018 IBC and Referenced Standards
Building Loads	ASCE 7-16
Risk Category	IV

The operation of the building has changed uses of storage, special use, and general office space as well as constructed new walls, changed door configurations, and added systems. A holistic analysis of all the current and intended future functions of the facility is needed to bring all aspects of the property up to current codes and standards for a critical facility.

The current storage of weapons and ammunition, both for DPS use and as evidence, along with cold storage, indoor vehicle inspection, 24-hour dispatch operation, and crime laboratory, the new holding cells, and pull through inspection bays will all require special considerations based on applicable regulations.

APPROACH

Adjacency Requirements

One of the greatest opportunities to increase effectiveness and efficiency in the operation of working groups within DPS is to correct the dispersed nature of the staff. Working groups such as those responsible for Evidence Processing and Storage, the Wildlife Troopers, the Crime Lab, Facilities Management, and 911 Dispatch all struggle with staff and specialized functions being spread around the facility rather than co-located. Collaboration and communication are best facilitated by situating the natural working groups within the department into appropriate suites within the building. The adjacency diagram shown below identifies the generalized suites that will be included in the project and the logical relationship between those suites to best serve the facility with improved function and staff flow. Note that any detailed requirements regarding adjacencies are stated under the suite summaries at the end of this report.

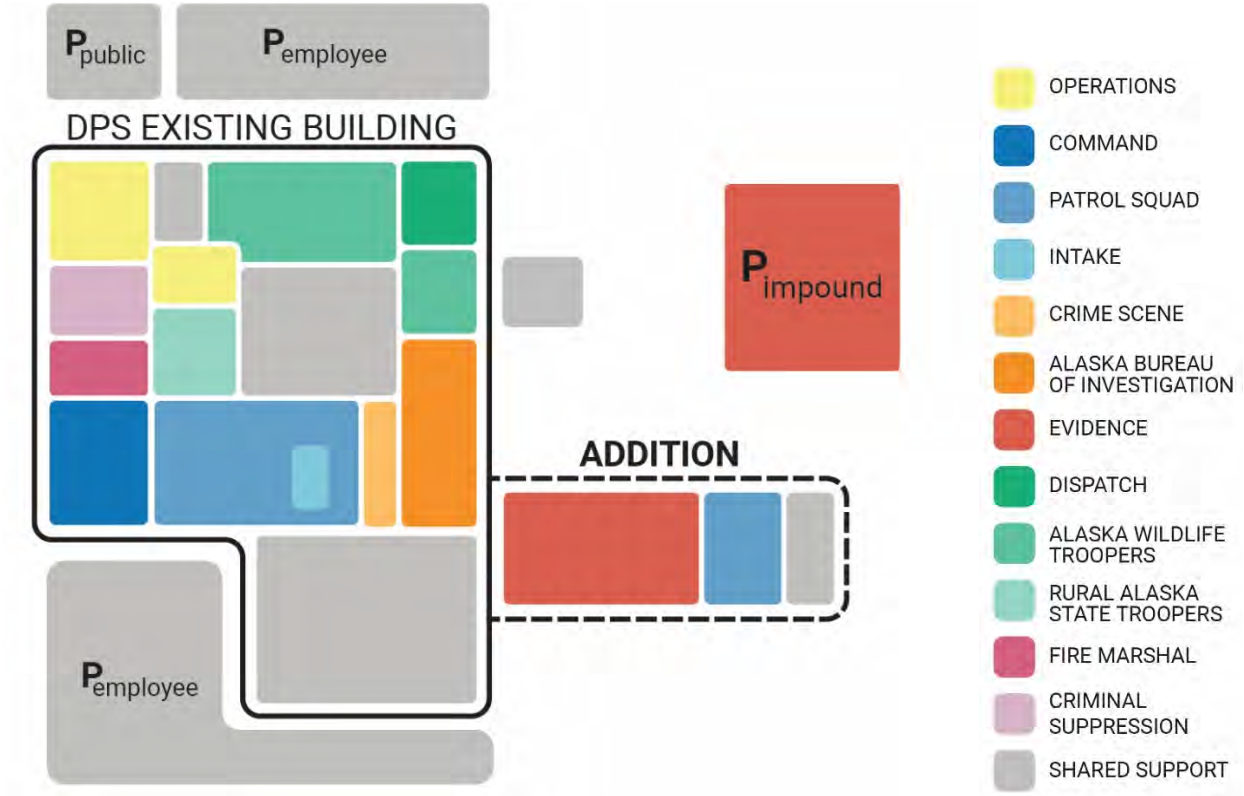


Figure 3: Renovated building layout diagram, see page 26 for additional information.

General Flow Patterns

Only partially due to the existing intermixed workgroups, the general wayfinding and flow of people within the facility is currently challenging due to limited signage, organization, or differentiation of spaces. Separate flow patterns need to be established between visitors and staff to optimize privacy, security, safety, and overall satisfaction. While this building will continue to receive some public visitors after the DMV leaves, public foot traffic will be significantly reduced. Outlined below is the general building approach to pedestrian and material flow coming to and moving through the building. See individual suite sections for descriptive flow patterns specific to the suite's workflow and operations.

Flow Patterns for Visitors

Exterior building signage and wayfinding will be provided with clear direction from the adjacent roadway, Peger Road, to the parking area designated for visitor/public parking. Parking will be limited and scaled down to match the reduced need, compared to what is currently available to the public.

The primary flow pattern for the public visiting the facility will be through the single public building entrance adjacent to the area designated for public parking. Once inside the building, and depending on the nature of their visit, the Operations suite reception desk staff will direct people as needed or visitors will wait in the small waiting area adjacent to the entrance.

All interior signage throughout the building will include directional wayfinding, fire escape plans, department/staff indicators, and similar identifications. Interior signage will meet applicable standards and installed to comply with ADA requirements.

Flow Patterns for Staff

Staff parking will be designated in several areas at the perimeter of the building. Security fencing will be provided to the north for a clear delineation of public and staff parking at the shared existing lot. Staff will utilize either the public main entry or secondary staff entrances at the perimeter of the building. Specific flow patterns unique to each department will be described within the suite sections.

Flow Patterns for Logistics and Materials

Deliveries are expected to primarily be received at the loading dock on the east side of the building and brought directly into the facility. Supply storage rooms are located throughout the building and expected deliveries include, but are not limited to, admin storage supplies, janitorial supplies, vending, select AST evidence, and AWT evidence including animal carcasses. Outgoing waste materials such as recycling, garbage, biological materials, and shredded documents will also be routed through this area. Other department specific material handling such as evidence, documents, specialty equipment, vehicles, weapons, ammunition, and testing materials will have dedicated space within or adjacent to the applicable suite.

Discipline Specific Design Approach

Figure 3 Renovated Site Plan, see page 25 for additional information.

Site Design: First, more parking spaces with HBO's will be provided for the employees, including parking spots for the entire vehicle force. This will include adding HBO's to the north parking lot since fewer visitor parking spaces will be needed when the building is no longer home to the DMV. This area will also be fully fenced, with direct access to the northeast entrance to the building for employee safety. HBO's will also be added to all spots in the lot southwest of the facility, and the southern line of parking expanded to accommodate more staff. These areas will receive more lighting to ensure employee safety.

A new addition will provide a home for evidence inspection and storage (see Architectural), as well as for the Special Emergency Reaction Team (S.E.R.T). A large, well-drained, asphalt pad in front of these garage doors facilitates ease of moving in and out and gives the troopers an obstacle-free exit from the facility. This drive then continues around the new addition to the east, then north, connecting with the current maintenance entrance, the north parking lot, and the two pull through evidence bays. This circulation is clear to navigate, and adequate in size to allow the maneuvering and inspection of any vehicles seized as evidence, including large RV's and buses. This one circulation loop also leads to the fenced in vehicle evidence storage, making it easy to move vehicles between the storage lot and the inspection bays and ensuring evidence safety procedures.

New culverts are added to the existing downspouts, which then leads to swales large enough to hold the runoff from snowmelt and a typical storm, with any excess runoff draining to the northeast and away from the facility and evidence storage. Space is also reserved for fuel tanks for the evidence storage building, making fuel deliveries fast and easy, yielding a more efficient and effective facility. Fire safety is maintained since this drive circles the back of the existing facility and the new addition, and vehicles can exit out into the new fenced in parking to the north if needed. This way firetruck access will never be compromised by an untimely delivery or large evidence being moved.

Architectural: A new evidence facility at the rear of the property will provide critical support to the Department of Public Safety. This facility will be laid out to maximize efficiency for the users with a direct connection to the existing building. The exterior of the evidence facility will be relatively modest with a color pallet to match the existing, more architecturally prominent DPS facility. Finishes on the exterior are Insulated Metal Panel (IMP) with steel doors and sectional overhead doors. The interior finishes within the evidence facility will be minimal, with durability, cleanability, and high light reflectance as priorities.

The exterior of the existing facility has generally held up well since the original construction. Exterior features such as the curved public entry and circular street facing windows establish architectural prominence for this facility. The exterior finishes of the existing facility are generally in good condition. Exterior upgrades to the existing facility will include a new Department of Public Safety building identification sign mounted on the building with raised metal lettering of a contrasting color to the backdrop finishes. New windows on the north façade will provide natural light and views for the offices created for AWT in the area currently occupied by the DMV.

The existing facility renovation will correct numerous deficiencies and inefficiencies described in the existing conditions section, as well as provide opportunities for the working groups within DPS to improve performance of their critical roles by providing them with the necessary infrastructure. Many existing partitions are retained to maximize efficiency of the phased interior renovation. Existing finishes will be disturbed, patched, and repaired as required to support the renovation and tie into new partitions. Through the course of the interior construction phases, all interior walls will receive new paint or specialty wall covering as appropriate. New suspended ceilings will be provided in reconfigured areas and existing ceilings will be preserved where practical; the specialty metallic slat ceilings found in the DMV and lobby will be removed in their entirety. Interior finishes will target a medium grade of professional office environment. Flooring will be primarily high traffic commercial grade carpet tile. Walk-off-mat carpet tiles will be provided at the main entries, and sheet vinyl flooring will be provided at wet areas. The garage for the existing facility will receive a high light reflectance epoxy floor coating. Interior windows will be provided at specific locations to increase visibility, connectivity, wayfinding, and security within the facility.

Structural: We anticipate no significant structural modifications will be necessary for the renovation. The new evidence warehouse is a pre-engineered metal building (PEMB) that is structurally separated from the existing building. The light storage mezzanines within the new warehouse will be integral with the PEMB structure. The foundation will be a reinforced concrete slab on-grade with a thickened edge atop a thick section of structural fill. The foundation near the existing building will be a concrete stem wall and will be constructed against the existing concrete stem wall. Vertical and horizontal perimeter insulation will be specified following the requirements of Shallow Frost Protected Foundations per ASCE 32-01. The building slab will be used to laterally tie the foundation elements together in anticipation of potential differential movements in a seismic event.

The height of the new building will be higher than the existing building, creating a new area of snow drift on the roof of the existing building. The existing structure will be analyzed for the increased load and reinforced as needed.

The two new generators will be placed on reinforced concrete pads atop a few feet of gravel.

Ventilation System: The duct system will require modification to accommodate the new space layout. Additional outside air may be required to accommodate layout and space type changes, specifically the addition of Conference Rooms. This additional outside air will likely be provided by the new ventilation unit provided with the evidence building addition. Replacement of some existing VAV boxes will be required.

There is significant ventilation noise over the Breakroom. The ducted 90 degree elbows out of the Fan Room will be analyzed to determine if these components need to be replaced with attenuated elbows to reduce the amount of sound radiated by the system.

The duct heating system will be demolished, and finned tube radiation will replace it to provide adequate heating at the building perimeter.

Heating System: New finned tube radiation will be provided to address user's complaints with heat at the building perimeter. The new cabinets will be located on the outside walls and will be served by the existing main routed through the facility.

If additional fuel tanks are required for this project, they will be double wall above ground. This will reduce costly tank monitoring requirements which would be required if the tank was buried.

Plumbing System: The existing buried waste system is approaching the end of its useful life. Because of the extensive renovation we recommend that epoxy liners be blown in at this time. If for some reason there are areas where liners cannot be successfully blown in, these areas can be excavated at a lower cost and disturbance during this renovation than when failures occur down the road. Maintenance issues with urinals in the facility indicate that above grade waste piping to them should be replaced. Besides the above-mentioned reconditioning of the waste system, the plumbing system would remain largely unchanged. As the number of workstations have been increased twice, bathroom capacity in the Dispatch Suite should be increased to match. A relocation or addition of fixtures will require plumbing system modification in this area. Additional sinks are also proposed in the Locker Rooms to better accommodate staff using the facilities to dress and prepare for work separated from the general use fixtures. Access panels will be added to provide access for maintenance of shower valves.

Roof Drain System: Heat trace will be added to roof drain bowls and rain leader outlets to ensure any water entering the system passes through. No hub fittings will be inspected and replaced if necessary.

Controls: The existing to remain Siemens control system will require typical modifications to accommodate the renovation and zoning changes.

Fire Protection: Minor modifications to the sprinkler system are required to accommodate the new space layout. Other code updates may also be required. As mentioned above, total head replacement may be warranted. New fire suppression and alarm systems will be included in the addition and tied in to communicate with the existing life safety systems of the facility.

Mechanical for the Evidence Building Addition: The Evidence Storage Building will function like a self-contained building located on the property. It will have its own fire sprinkler, heating, and ventilation system. Exhaust air ventilation will be required to support vehicle storage. This system will include CO and nitrous oxide monitoring to limit operation of the ventilation. This will require an oversize heating system to temper this level of outside air. Three boilers will be provided sized at 50 percent of the conduction and ventilation load to provide N+1 Redundancy. During normal conditions one boiler will adequately carry the heating load offering significant redundancy.

The building will have a single bathroom. Hot and cold water will be routed from the existing building. Floor drains will be required for the freezer and Boiler Room. Vehicle bays will contain trench drains that flow to a sand interceptor which will allow for the bays to be washed down.

Lighting: All lighting fixtures will be replaced under the specific construction phase. Lighting will be provided to meet illumination requirements per IESNA recommended values. All light fixtures will be of the Light Emitting Diode (LED) type and feature energy saving lighting controls where appropriate. High/Low Bay lighting will be provided in open to structure or areas with ceiling heights greater than 10 feet. Fixtures will be of the recessed 2x4 or 2x2 type where ACT suspended ceiling is provided. Where hard lid or open to structure ceilings are provided, surface or pendant fixtures will be provided. At certain feature locations, direct/indirect lighting will be provided.

Power: The existing electrical distribution system for the DPS facility will be entirely replaced during the phased construction. The end goal of the final electrical distribution system will be to provide segregated systems dependent on the load being served as it relates to their hierarchy of importance in conjunction with the National Electrical Code and user preference.

The National Electrical Code (NEC) defines 4 types of loads that are important to distinguish for this discussion: Critical Operations Power Systems (COPS), Emergency Systems (ES), Legally Required Standby Systems (LRSS) and Optional Standby Systems (OSS). It is the intent of the electrical distribution system and generator configuration to serve the entire facility, but the systems must be configured such that if loads need to be shed, that they are shed in order of importance to life safety.

The COPS is the highest order of importance as it relates to the life safety of the public and would consist of the Dispatch and Telecommunication/Server Suite. Emergency Systems is the next highest and generally consists of emergency lighting and Fire Alarm that provide life safety protection to the occupants of the facility. Legally Required is the next priority followed by Optional Standby. Priority can be given to loads within the OSS.

The maximum recorded building demand load for the facility was provided by the local electrical utility Golden Valley Electrical Association (GVEA) at around 115 kW on 8/3/2021. With the addition of a roughly 9,000 square foot evidence storage to the existing facility, the maximum demand load will increase. For the purpose of this report, and to align with typical generator sizes, it is assumed that the future maximum load would be about 150 kW.

With the existing maximum demand at about 115 kW, it would be recommended to provide (2) 80 kW generators, that operate in parallel configuration. While the building peak demand was at 115 kW, the average demand recorded over 1-year time was 75 kW. With 2x 80 kW, this would allow both generators to run in a 1+1 configuration, with one serving the load and the other as a spare. When a peak load event occurs, then both generators are operational to meet peak demand. Should one generator be out of service during the peak event, then automatic load shedding begins to remove low priority loads.

Providing 2x 80 kW also falls in line with the anticipated future expansion as stated earlier with an estimated 150 kW. The infrastructure necessary to handle multiple generators additionally provides for future expansion, meaning a third, or fourth generator if the desire is to either increase capacity, or increase redundancy.

A 1200A panelboard or switchboard with 4x backfed generator circuit breakers and 4x regular circuit breakers will be provided for the main generator connection. Each regular circuit breaker will subsequently feed its own Automatic Transfer Switch (ATS). Each transfer switch will serve as the main distribution point for the four systems described above: COPS, ES, LRSS and OSS. These ATS(s) will also serve as the main point for load shedding.

It is important to note that for COPS and ES loads, once past the ATS they cannot serve other loads. Meaning COPS can only serve COPs equipment, and ES can only serve ES equipment. LRSS and OSS can be combined. Moving forward the LRSS transfer switch will handle LRSS loads and higher priority OSS loads. The OSS transfer switch will carry low priority loads.

A new 800A Main Distribution Panel (MDP) will be provided to replace existing Panelboard ‘P’. The new MDP will also have 4x circuit breakers sized the same as on the generator side and serve the four ATS(s). Downstream of each ATS will be branch circuit panelboards that serve their corresponding loads.

Communications: All inactive telecommunication equipment will be removed from the facility. All outdated ethernet cables will be replaced with Cat. 6 cabling, capable of network speeds of 10 Gbps. This will allow for telecommunication infrastructure to accommodate increasing network demands for the next life cycle of the facility. Telecommunication outlets spaced about the facility will largely remain at similar locations with ports and cables being replaced as necessary.

New cable tray will be provided along corridors to allow for horizontal data drops to occur as well as share additional communication equipment cabling (CCTV, access control, etc.) where allowed by code.

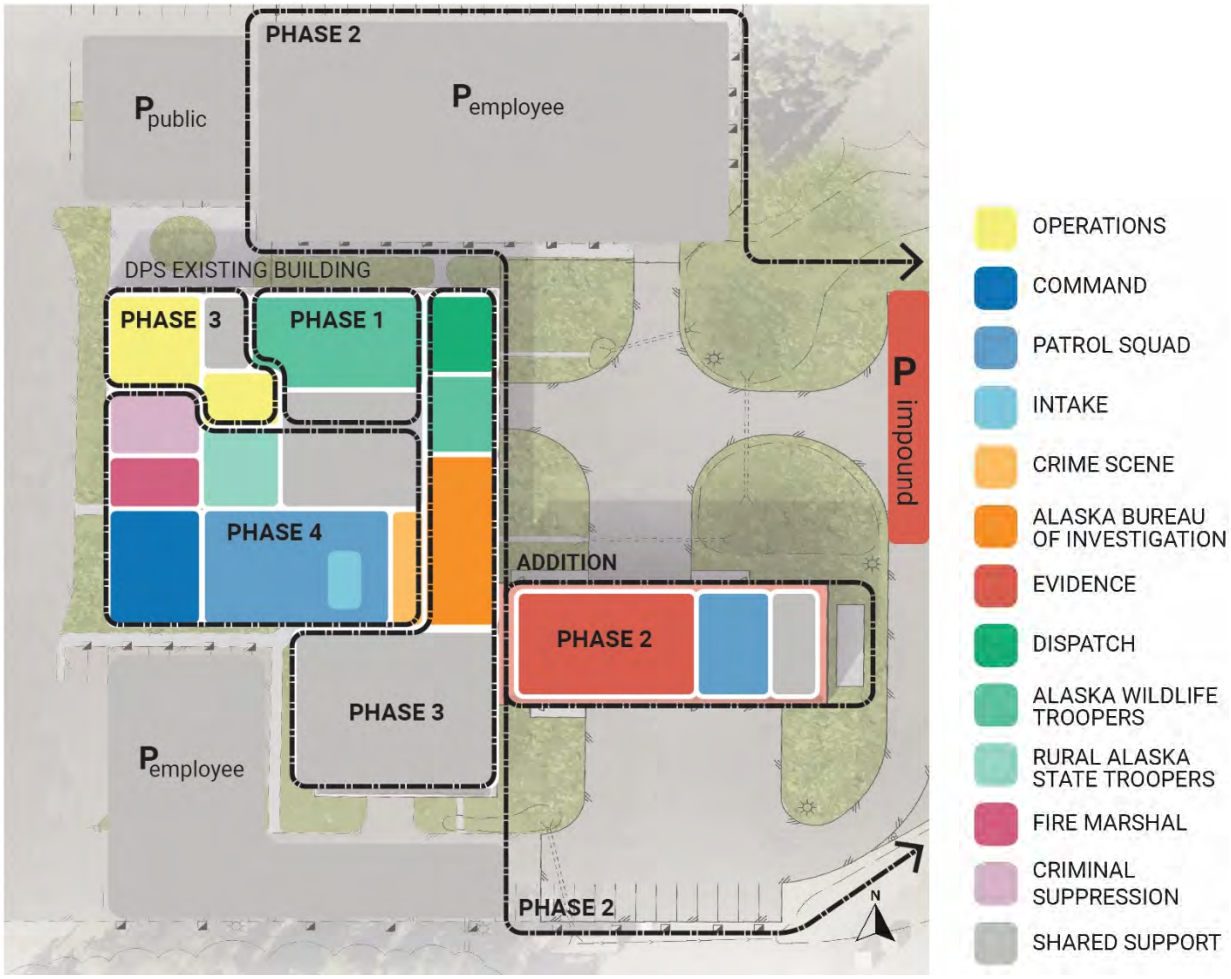
At a minimum the fiberoptic main would be extended to the Server and Telecom Rooms during phased renovation and further investigation into a service upgrade to utilize the asset would be advisable.

Special Systems: All existing special systems (security, public address, etc.) will be temporarily removed and reinstalled to existing location, dependent on renovation change to the immediate space.

PROJECT PHASING AND PROJECTED COSTS

PROJECT PHASING

For a project of this size, both the design and construction for the project are anticipated to be phased work. The diagram below shows a generalized approach to the project and a few critical items important to each phase are listed below. Each phase has a lump sum cost which includes all disciplines work involved in that phase and pricing is rough-order-of-magnitude based on the conceptual nature of this report.



In general, the phased areas shown above are broken out to support the end goal of the project while being most efficient with staff displacement and logistics to keep the facility operating during all phases. There will be some flexibility with suites and staff to relocate within the building, temporarily downsize from their current workspace, and/or work remotely. However, some areas such as the Operations Suite and Dispatch Suite require to be fully operational during all phases of construction. The phasing concept is further described in the below paragraphs and following sections.

Phase 1 work area creates new spaces in the vacant DMV portion of the building. This existing area of the building is currently an open plan concept that will get infilled with primarily the AWT Suite. Included in AWT's program of spaces, a reception and sub-waiting associated with the AWT will serve as a temporary location for the Operations Suite during their suite's work in **Phase 3**. While **Phase 1** is primarily supporting AWT and a large Mat Room/ gym extension, there will also be some new restroom work in this phase that are constructed to ultimately support both AWT and the adjacent Dispatch Suites.

Phase 2 includes the Evidence Building Addition and related site work, which has a minimal impact to current operations. By completing the building addition early in the process, it allows evidence storage and staff that are currently housed in the DPS Building to relocate to their new space at the end of this phase; ultimately freeing up more space within the existing DPS Building for flexibility of other phased work to follow.

Phase 3 is a fairly large portion of the building but with the relocation of many staff and functions into **Phase 1** and **Phase 2** areas, it minimizes the impact on the remaining functions that are to stay and expand in those general areas as shown in the Concept Floor Plan.

Phase 4 includes work for the remaining suites in the DPS Building and a large portion of the staff for those suites have the availability to work remotely or from their patrol cars; existing bathrooms, showers, and Locker Room work will be included in this phase as well. Since a large portion of staff will be remote, downtime required to refresh the shared restrooms will be more easily accomplished with the lower demand due to reduced building occupants. The existing restrooms near Operations will be available, as well as the three new unisex restrooms that were constructed near Dispatch in **Phase 3** until the shared restroom work is completed. If there is need for conference or briefing rooms large enough to support the staff that are primarily remote during **Phase 4**, there will be several large rooms available for that function that were completed in **Phases 1** and **3**.

Phase 5 is primarily building service upgrades that will happen after all other work is complete and is further described in the **Phase 5** section below.

Phase 1: Old DMV Infill (~ 5,200 GSF): $1,300,000

Phase 1 renovates the existing Department of Motor Vehicles (DMV) open office into most of the Alaska Wildlife Troopers (AWT) Suite, a shared Mat Room connected to the existing gym, and the remaining ancillary spaces for Dispatch near the northeastern part of the facility. The newly renovated spaces of this phase, primarily supporting the AWT Suite, will have provided power under the OSS.

Demolition

Feature metallic slat ceiling, punch openings in exterior wall for office windows, DMV Server Room, opening from new Training Room to existing gym, removal of existing roof mounted air conditioning condenser.

New Work

Utilize existing electrical distribution equipment, prep renovated circuits for segregation to critical, emergency and normal transfer equipment in Phase 2, hydronic heat distribution to perimeter spaces, roof mounted air conditioning condenser replacement, trench plumbing for new bathrooms and

breakroom renovations, ballistic perimeter at Lobby, new AWT reception area to be temp Operations desk.

Phase 2: Evidence Building Addition (~ 9,000 GSF) and Site Work: $4,550,000

Phase 2 will provide the new Evidence Building Addition to the southeast portion of the facility as shown in the concept drawings. This phase will also include site work associated with the building addition and general site improvements.

Demolition

Helicopter Pad, Impound Lot, cold storage containers and buildings, parking spaces, site lighting, and HBOs all as needed to accommodate new work.

New Work

SERT garage and lockers, two pull through inspection bays, Evidence Suite with mezzanine, two generators and associated transfer equipment for critical, emergency and normal distribution systems, new panelboards for previous phase distribution systems and rewire circuits to associated system, structural reinforcing of existing garage roof to resist snow drift load from addition, independent heating and ventilation system for addition, Mechanical Mezzanine, Impound Lot, site fencing, driving and walking surfaces, swales, site lighting, signage, and additional HBOs.

Phase 3: Operations Suite (~ 3,500 GSF) and DPS East (~ 12,200 GSF): $3,950,000

Phase 3 renovates the main reception area and adjacent spaces for the Operations Suite, as well as the garage area, spaces for Alaska Bureau of Investigation Suite, additional spaces for AWT and the entirety of Dispatch. Some crime lab equipment will need to be temporarily relocated during this phase until the new lab space is complete in Phase 4.

Demolition

Feature metallic ceiling, remaining ballistic security perimeter at lobby, specialty floor, abandoned duct work in garage, SERT Storage/Locker Room.

New Work

New electrical panelboards for the dispatch area, switch lighting over to new panelboard from Phase 2, hydronic heat distribution to perimeter spaces, roof drain heat trace, new finishes and lighting in garage, repurpose Autopsy Room and recondition walk in freezer for AWT use, armory in garage.

Phase 4: Locker/Shower Rooms and remaining DPS Suite Work (~ 13,700 GSF): $4,350,000

Phase 4 renovates the remainder of the facility. Most common within this space is general shared/ support spaces, the Command Suite, and the Patrol Squad Suite. All loads within Phase 4 will be part of the OSS distribution system.

Demolition

Feature metallic ceiling, remaining components of crime lab in garage, finishes and select fixtures in Locker Rooms, armory in patrol area, water heater, select waste piping.

New Work

New electrical panelboards, emergency lighting fed from panelboard provided under Phase 2, Locker Room finishes, Holding Cells and Processing Room, crime lab setup, relocate FM Office, domestic hot water system, Lactation Room, waste pipe replacement and epoxy coating, and access to shower valves.

Phase 5: Service Upgrade: $100,000

Phase 5 will replace the existing main electrical equipment within the main Electrical Room.

New Work

Previous phases provide equipment necessary for the segregation of systems for Critical Operations Power System (COPS), Emergency System (ES), Legally Required Standby System (LRSS), and Operational Standby Systems (OSS). Up until Phase 5, the existing electrical distribution equipment (including existing generator) has mostly carried the facility loads, while previous phases had installed all necessary equipment with temporary tie overs to either prepare the facility for the main switch over in Phase 5, or reduce the overall downtime by having both pieces of equipment installed in parallel. In Phase 5, the main electrical equipment in the existing Electrical Room will be replaced and the final feeders provided to the transfer switches. The existing generator will be decommissioned and removed at this phase.

PROJECTED COST SUMMARY

Design, Engineering, and Project Management	*$1,100,000*
Phase 1 – Old DMV Infill	*$1,300,000*
Phase 2 – Evidence Building Addition	*$4,550,000*
Phase 3 – Operations Suite	*$4,000,000*
Phase 4 – Locker/Shower Rooms and Remaining DPS Suite Work	*$4,500,000*
Phase 5 – Service Upgrade	*$100,000*
Total	$15,550,000

CLOSING

SUMMARY

The existing Department of Public Safety Building has numerous deficiencies that inhibit the mission of the department. The facility is aging and undersized for the current and anticipated future needs of the department and does not meet current codes and standards for a critical facility. The Division of Motor Vehicles (DMV) vacating the facility provides an opportunity to update and reconfigure the DPS Building to provide improved functionality and flexibility for future growth.

Over the years, staffing and sub-department relocation has created intermixed workgroups and complicated wayfinding. Interior renovations have been limited and most interior finishes are original to the building, difficult to maintain, and limit maintenance access. The proposed Master Plan will consolidate working groups into suites making collaboration and communication more efficient. These suites will be thoughtfully located to provide separate flow patterns for visitors and staff to optimize privacy, security, and safety. Aging and high maintenance finishes will be replaced with new finishes that are easy to maintain and provide a pleasant work environment.

The existing garage is undersized and the exterior storage area for seized vehicles is not well secured. The existing facility lacks storage space causing critical evidence to be stored outside in unconditioned shipping containers. The new addition will provide a dedicated space for evidence inspection and storage with a direct connection to a fenced-in vehicle evidence storage area. This will make it easy to move vehicles between the inspection bays and storage lot, maintaining evidence safety procedures.

Outdated data infrastructure, mechanical systems nearing their end of life, and inefficiencies in the power distribution system will also be addressed during renovation. The fiberoptic main will be extended to the Server and Telecom Rooms. Plumbing and heating systems will be upgraded or modified as necessary to address current issues, prevent future failures, and accommodate the renovated spaces. The existing electrical distribution system will be replaced in its entirety, providing segregated systems configured such that if loads need to be shed, they are shed in order of importance to life safety. All lighting fixtures will be upgraded to LED to meet illumination requirements per IESNA.

Headbolts are limited and the existing site does not have enough parking spots to house all employee and trooper vehicles. People are, therefore, forced to park on various gravel and grass surfaces, sometimes impeding access in and out of the trooper garage. The improved site design will provide enough parking with HBO's for all employee and trooper vehicles as well as the addition of future staff. The parking areas will be fully fenced and well-lit with direct access to facility entrances to ensure employee safety.

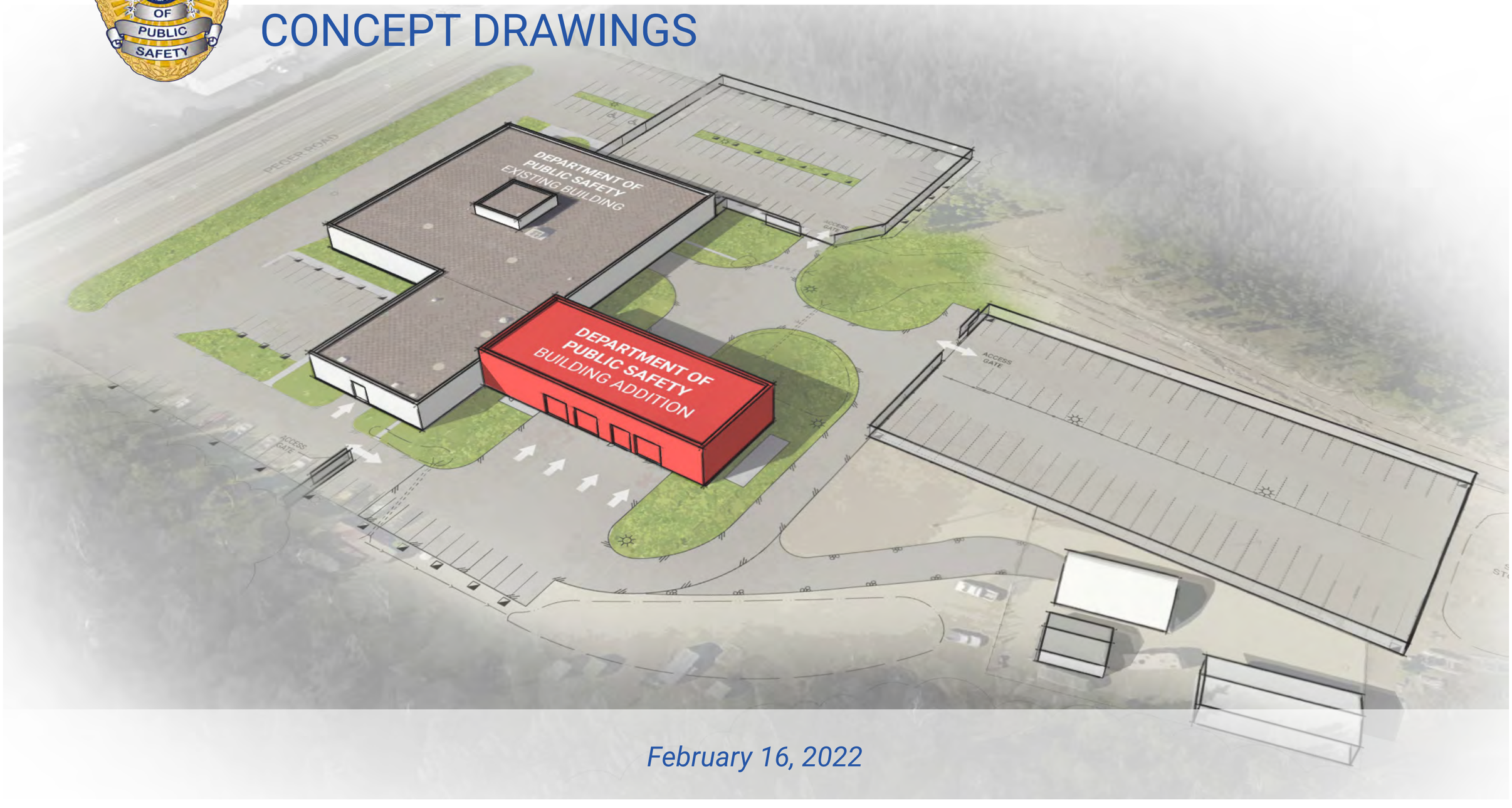
CONCLUSION

Due to the substantial amount of work required, complex nature of a construction project on a building that is to remain fully operational, as well as the condensed Alaskan construction window, this project could take multiple years to complete all work required for the facility. With that, immediate attention to start addressing deficiencies should be performed sooner rather than later. Overall, the upgrades and recommended solutions to address areas of concern should be given high priority to best serve the health, safety, and welfare of the Department of Public Safety Staff, and in-turn, the Alaskan community.

FAIRBANKS DEPARTMENT OF PUBLIC SAFETY (DPS)

BUILDING RECONFIGURATION MASTER PLAN

CONCEPT DRAWINGS



February 16, 2022

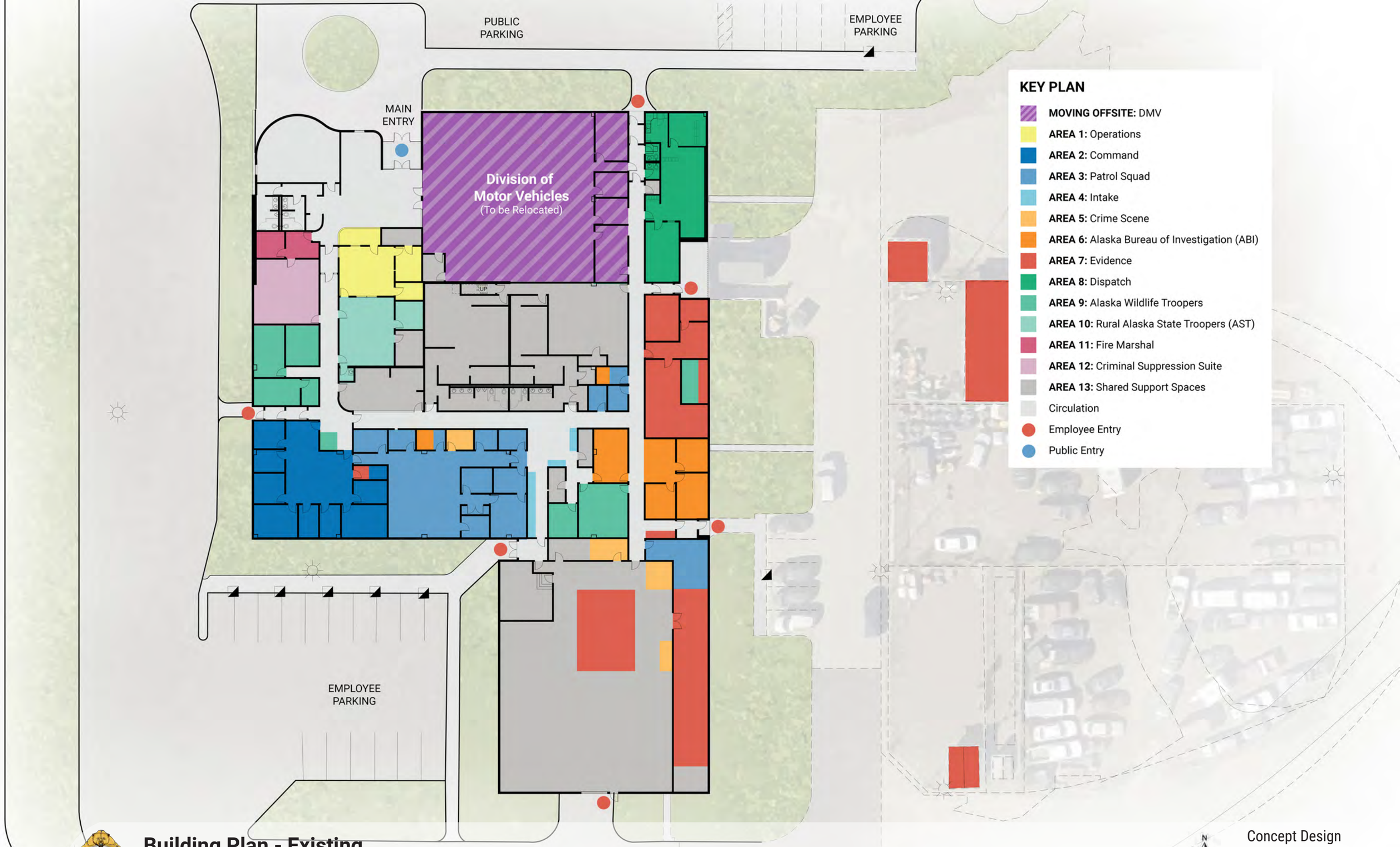
Site Plan - Existing

Fairbanks Department of Public Safety (DPS) Building Reconfiguration

Fairbanks, Alaska

Concept Design
February 16, 2022

Design Alaska



Building Plan - Existing

Fairbanks Department of Public Safety (DPS) Building Reconfiguration

Fairbanks, Alaska

Site Plan - Renovated

Fairbanks Department of Public Safety (DPS) Building Reconfiguration

Fairbanks, Alaska

Concept Design
February 16, 2022

Design Alaska

Building Plan - Renovated

Fairbanks Department of Public Safety (DPS) Building Reconfiguration

Fairbanks, Alaska

Concept Design
February 16, 2022

Design Alaska

CONCEPT - NET AREA SCHEDULE - TOTAL

DEPARTMENT	AREA PROVIDED	REMARKS
AREA 1: OPERATIONS SUITE	2,140 SF	
AREA 2: COMMAND SUITE	1,972 SF	
AREA 3: PATROL SQUAD SUITE	6,204 SF	
AREA 4: INTAKE SUITE	316 SF	
AREA 5: CRIME SCENE SUITE	482 SF	
AREA 6: ALASKA BUREAU OF INVESTIGATION (ABI) SUITE	1,708 SF	
AREA 7: EVIDENCE SUITE	6,819 SF	
AREA 8: DISPATCH SUITE	2,044 SF	
AREA 9: ALASKA WILDLIFE TROOPERS (AWT) SUITE	4,216 SF	
AREA 10: RURAL ALASKA STATE TROOPERS (AST) SUITE	1,037 SF	
AREA 11: FIRE MARSHAL SUITE	867 SF	
AREA 12: CRIMINAL SUPPRESSION SUITE	983 SF	
AREA 13: SHARED SUPPORT SPACES	15,296 SF	
CIRCULATION	11,236 SF	
DMV	469 SF	
	55,788 SF	

AREA 1 - OPERATIONS SUITE

ROOM NUMBER	ROOM NAME	AREA PROVIDED	REMARKS
1A	SUPERVISOR OFFICE	113 SF	1 STAFF
1B	OPEN OFFICE WORKSTATIONS	297 SF	2 STAFF
1C	RECEPTION DESK	120 SF	2 WORKSTATIONS
1D	TELEWORK STATIONS	41 SF	2 WORKSTATIONS
1E	STORAGE ROOM	92 SF	
1F	DISTANCE TRAINING/ PRESS CONFERENCE	696 SF	EXISTING SIZE TO REMAIN
1G	WOMENS RESTROOM	107 SF	EXISTING SIZE TO REMAIN
1H	MENS RESTROOM	146 SF	EXISTING SIZE TO REMAIN
1I	MEETING ROOM	125 SF	
1J	DISPLAY	36 SF	
		1,770 SF	

AREA 2 - COMMAND SUITE

ROOM NUMBER	ROOM NAME	AREA PROVIDED	REMARKS
2A	COMMANDER OFFICE	228 SF	1 STAFF
2B	LIEUTENANT OFFICE	203 SF	1 STAFF
2C	LIEUTENANT OFFICE	185 SF	1 STAFF
2D	ADMIN OFFICE	92 SF	1 STAFF
2E	ADMIN OFFICE	84 SF	1 STAFF
2F	CONFERENCE ROOM	417 SF	TO SUPPORT 10 PEOPLE
2G	COPY/ FAX ALCOVE	162 SF	
		1,371 SF	

AREA 3 - PATROL SQUAD SUITE

ROOM NUMBER	ROOM NAME	AREA PROVIDED	REMARKS
3A	SERGEANT OFFICE	112 SF	1 STAFF
3B	SERGEANT OFFICE	119 SF	1 STAFF
3C	SERGEANT OFFICE	112 SF	1 STAFF
3D	SERGEANT OFFICE	112 SF	1 STAFF
3E	SERGEANT OFFICE	112 SF	1 STAFF
3F	OPEN OFFICE FOR TROOPERS	1,670 SF	16-20 WORKSTATIONS AT A TIME/ 36 TOTAL STAFF
3G	BRIEFING ROOM	376 SF	TO SUPPORT 10 PEOPLE
3H	INTERVIEW ROOM	74 SF	TO SUPPORT 3-4 PEOPLE
3I	STORAGE	81 SF	
3J	MAIL ROOM	119 SF	EXISTING SIZE TO REMAIN
3K	S.E.R.T. VEHICLE STORAGE	1,523 SF	BEARCAT, WHITE TRUCK, LOADER, AND BOBCAT
3L	S.E.R.T. LOCKER STORAGE	527 SF	LOCKERS AND MACHINE
		4,937 SF	

AREA 4 - INTAKE SUITE

ROOM NUMBER	ROOM NAME	AREA PROVIDED	REMARKS
4A	HOLDING CELL	74 SF	
4B	HOLDING CELL	74 SF	
4C	DUI INTAKE/ FINGERPRINTING	87 SF	1 STAFF
		234 SF	

AREA 5 - CRIME SCENE SUITE

ROOM NUMBER	ROOM NAME	AREA PROVIDED	REMARKS
5A	CRIME LAB/ STORAGE	243 SF	
5B	FORENSIC TECH	139 SF	1 STAFF
		382 SF	

AREA 6 - ALASKA BUREAU OF INVESTIGATION (ABI) SUITE

ROOM NUMBER	ROOM NAME	AREA PROVIDED	REMARKS
6A	SUPERVISOR OFFICE	124 SF	1 STAFF
6B	OPEN OFFICE SQUAD ROOM	357 SF	4 STAFF
6C	OPEN ADMIN AREA	188 SF	1 STAFF
6D	CONFERENCE ROOM	391 SF	TO SUPPORT 15-20 PEOPLE
6E	INTERVIEW ROOM	74 SF	
6F	SUPPLY/ WORK ROOM	150 SF	
		1,283 SF	

AREA 7 - EVIDENCE SUITE

ROOM NUMBER	ROOM NAME	AREA PROVIDED	REMARKS
7A	EVIDENCE SUPERVISOR OFFICE	114 SF	1 STAFF
7B	OPEN OFFICE FOR EVIDENCE TECH	100 SF	1 STAFF
7C	OPEN ADMIN OFFICE	284 SF	3 STAFF
7D	EVIDENCE CONTROL	128 SF	CHECK-IN AND CHECK-OUT
7E	AFTER HOURS DROP OFF/ TEMP HOLDING	79 SF	
7F	EVIDENCE VIEWING ROOM	127 SF	
7G	EVIDENCE WAREHOUSE STORAGE	705 SF	COMBINATION OF STORAGE TYPES
7H	UNISEX RESTROOM	59 SF	
7I	EVIDENCE FREEZER	803 SF	FIXED SHELVING/ VARIETY OF SIZES
7J	GARAGE BAY 1	1,138 SF	
7K	GARAGE BAY 2	1,138 SF	
		4,675 SF	

AREA 8 - DISPATCH SUITE

ROOM NUMBER	ROOM NAME	AREA PROVIDED	REMARKS
8A	SUPERVISOR OFFICE	114 SF	1 STAFF
8B	OPEN OFFICE WORKSTATIONS	813 SF	10 STAFF
8C	TRAINING/ CONFERENCE ROOM	210 SF	
8D	BREAK ROOM	151 SF	EXPANDED TO ADD A STOVE AND IMPROVE FLOW
8E	LOCKER ALCOVE	134 SF	16 TWO-TIER LOCKERS FOR 32 STAFF
8F	DISPATCH IT/ DATA	176 SF	EXISTING SIZE TO REMAIN
8G	UNISEX RESTROOM	56 SF	
8H	UNISEX RESTROOM	57 SF	
		1,711 SF	

AREA 9 - ALASKA WILDLIFE TROOPERS (AWT) SUITE

ROOM NUMBER	ROOM NAME	AREA PROVIDED	REMARKS
9A	SQUAD ROOM	606 SF	6-8 STAFF
9B	LIEUTENANT OFFICE	179 SF	1 STAFF
9C	TECH WORKROOM	150 SF	1-2 STAFF
9D	SERGEANT OFFICE	150 SF	1 STAFF
9E	SERGEANT OFFICE	150 SF	1 STAFF
9F	OPEN OFFICE/ RECEPTION	166 SF	2 STAFF
9G	UNISEX RESTROOM	58 SF	
9H	BREAK ROOM	184 SF	
9I	WAITING ROOM	127 SF	TO SUPPORT 4 PEOPLE
9J	MEETING ROOM	25 SF	WITHIN WAITING AREA
9K	INTERVIEW ROOM	137 SF	
9L	WET ROOM	461 SF	
9M	FREEZER	165 SF	OLD EVIDENCE FREEZER LOCATION
9N	BRIEFING ROOM	292 SF	TO SUPPORT 10 PEOPLE
9O	TRAINING ROOM	453 SF	TO SUPPORT 25-30 PEOPLE
9P	STORAGE	77 SF	
9Q	DISPLAY	36 SF	
		3,413 SF	

AREA 10 - RURAL ALASKA STATE TROOPERS (AST) SUITE

ROOM NUMBER	ROOM NAME	AREA PROVIDED	REMARKS
10A	SERGEANT OFFICE	111 SF	1 STAFF
10B	OPEN OFFICE FOR TROOPERS	646 SF	7 STAFF
10C	UNISEX RESTROOM	27 SF	
		785 SF	

AREA 11 - FIRE MARSHAL SUITE

ROOM NUMBER	ROOM NAME	AREA PROVIDED	REMARKS
11A	FIRE MARSHAL OFFICE	192 SF	1 STAFF
11B	OPEN ADMIN AREA	181 SF	1 STAFF
11C	MEETING ROOM	227 SF	TO SUPPORT 10 PEOPLE
11D	STORAGE/ COPY ROOM	66 SF	
		667 SF	

AREA 12 - CRIMNAL SUPPRESSION SUITE

ROOM NUMBER	ROOM NAME	AREA PROVIDED	REMARKS
12A	PRIVATE SERGEANT OFFICE	106 SF	1 STAFF
12B	OPEN OFFICE	593 SF	4 STAFF
		699 SF	

AREA 13 - SHARED SUPPORT SPACES

ROOM NUMBER	ROOM NAME	AREA PROVIDED	REMARKS
13A	LACTATION ROOM	57 SF	
13B	MEN	261 SF	
13C	MEN SHOWER/ DRYING	180 SF	
13D	MEN LOCKER	921 SF	
13E	WOMEN	209 SF	
13F	WOMEN SHOWER/ DRYING	135 SF	
13G	WOMEN LOCKER	434 SF	
13H	CHAIR STORAGE	62 SF	
13H	GENERAL SUPPLY	140 SF	
13H	STORAGE	980 SF	
13H	STORAGE	75 SF	
13I	GYM	919 SF	
13J	SAUNA	39 SF	
13K	MAT ROOM	1,250 SF	
13L	BREAK ROOM	475 SF	
13M	ARMS LOCKER	150 SF	
13N	GARAGE	5,259 SF	
13O	ELECTRICAL ROOM	253 SF	
13O	MECH	405 SF	
13P	ELEC/ FIRE	94 SF	
13P	ELEC/ TELE	32 SF	
13Q	JANITOR	59 SF	
13R	SERVER ROOM	140 SF	
13S	CUSTODIAL OFFICE/ STORAGE	183 SF	1 STAFF
13T	FACILITIES OFFICE	135 SF	1 STAFF
		12,845 SF	

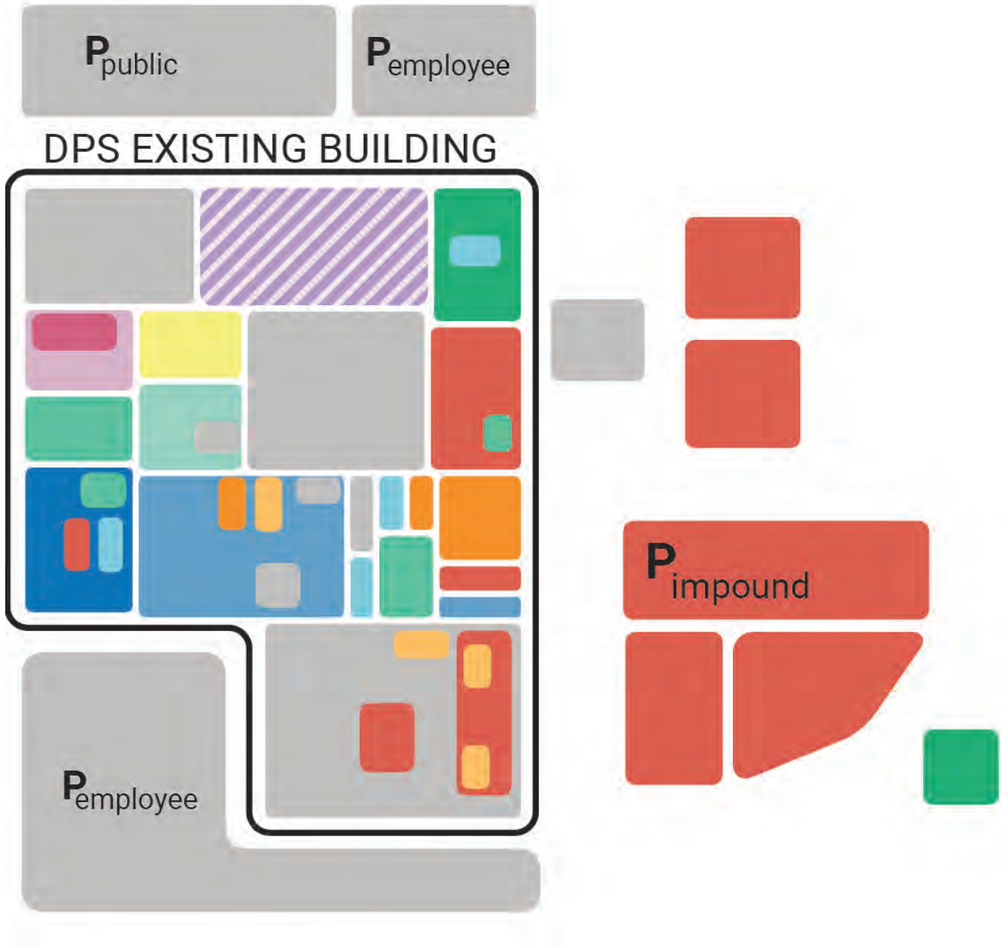
CONCEPT SCHEDULE NOTES

A. CONCEPT SCHEDULES SHOW DESIGN GOALS. CONSTRUCTION COMPONENTS MAY BE SIMPLIFIED OR OMITTED FOR CLARITY.
B. AREAS ROUNDED TO THE NEAREST WHOLE NUMBER TO IMPROVE READABILITY, BUT CALCULATED AS FRACTIONAL VALUES FOR ACCURACY. HAND TABULATING WHOLE NUMBERS SHOWN MAY RESULT IN MINOR ROUNDING ERRORS.

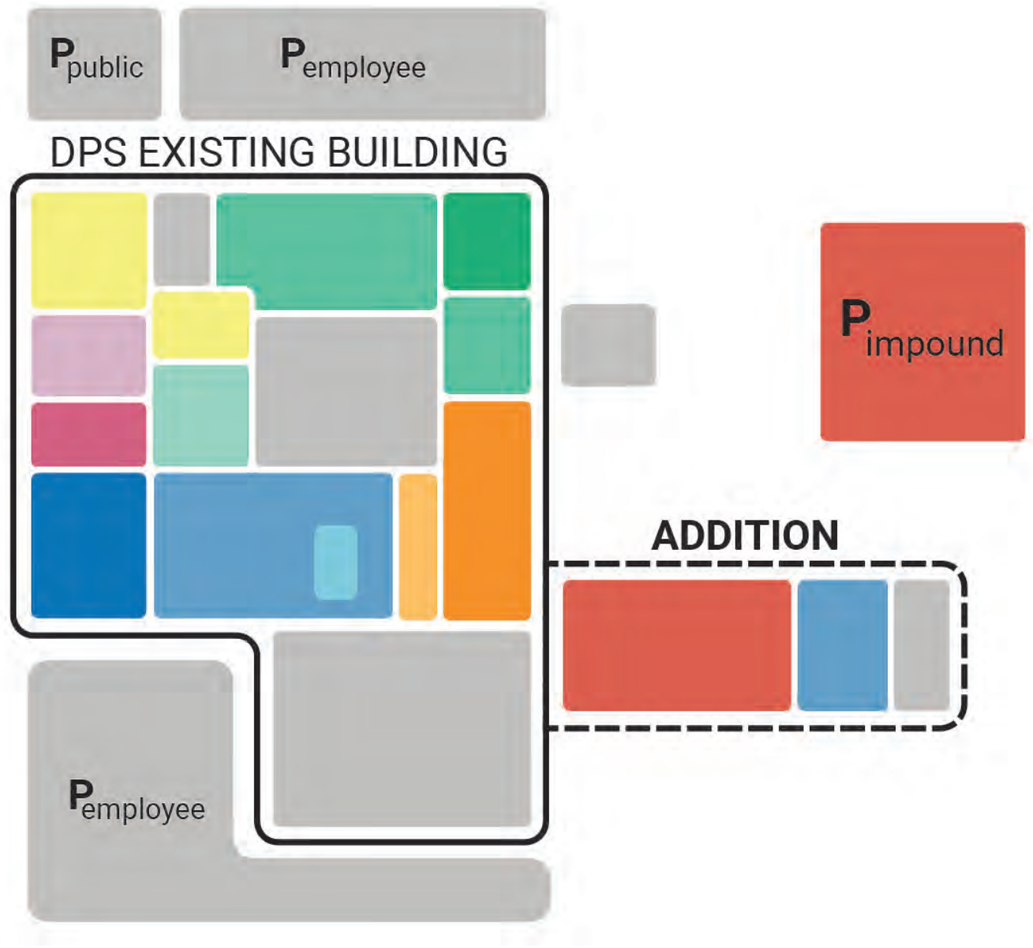
The diagrams below contrast the arrangement of suites at the Fairbanks Department of Public Safety. The existing scattered, and inefficient conditions can be shaped into a more streamlined reconfigured plan; this effort results in efficient conservation of resources and simplifies staff's ability to coordinate and collaborate.

DIAGRAM KEY

- (DMV) DIVISION OF MOTOR VEHICLES TO BE RELOCATED
- OPERATIONS
- COMMAND
- PATROL SQUAD
- INTAKE
- CRIME SCENE
- ALASKA BUREAU OF INVESTIGATION
- EVIDENCE
- DISPATCH
- ALASKA WILDLIFE TROOPERS
- RURAL ALASKA STATE TROOPERS
- FIRE MARSHAL
- CRIMINAL SUPPRESSION
- SHARED SUPPORT



Existing Suite Configuration



Proposed Suite Reconfiguration

AREA 1: OPERATIONS SUITE

The staff of this suite provide the first line of customer service including coverage of the building Lobby for walk-in customers and answering non-emergency phone lines for the building.

PROGRAMMED SPACES/ STAFFING

The following is a breakdown of programmed spaces required for this suite as well as anticipated staff counts to support this area in the future.

AREA 1 - OPERATIONS SUITE			
ROOM		AREA	
NUMBER	NAME	PROVIDED	REMARKS
1A	SUPERVISOR OFFICE	113 SF	1 STAFF
1B	OPEN OFFICE WORKSTATIONS	297 SF	2 STAFF
1C	RECEPTION DESK	120 SF	2 WORKSTATIONS
1D	TELEWORK STATIONS	41 SF	2 WORKSTATIONS
1E	STORAGE ROOM	92 SF	
1F	DISTANCE TRAINING/ PRESS CONFERENCE	696 SF	EXISTING SIZE TO REMAIN
1G	WOMENS RESTROOM	107 SF	EXISTING SIZE TO REMAIN
1H	MENS RESTROOM	146 SF	EXISTING SIZE TO REMAIN
1I	MEETING ROOM	125 SF	
1J	DISPLAY	36 SF	
		1,770 SF	

VISITOR FLOW

Visitors will enter the building from the public parking area through the primary building entry. From there, the Operations staff will assist in directing to the appropriate suite within the building or visitors will wait in the Lobby/Waiting Area depending on the nature of their visit. If visitors are needing use of the restroom facilities, an area for private conversations, or attending a press conference, staff will grant access to these functions that are within the first layer of security between the public and the remainder of the facility.

STAFF FLOW

Staff will enter the building through the primary entrance or secondary entry points. Staff parking to support the Operations Suite will be located at the building perimeter closest their suite work area and as shown in plan.

LOGISTICS/MATERIAL FLOW

Any supplies needed for this suite will be stocked from a general supply room located within the suite/ building. All USPS, FedEx, UPS, and other mail couriers come through the front door and gain access by ringing the bell at the Operations Reception. Other larger deliveries still contact Operations for access, but are granted entry through the garage as it is a simpler entry into the building than the existing loading dock.

SECURITY REQUIREMENTS

- Access control from the main public Lobby/ Waiting Area.
- Two layers of security required between the public and the rest of the facility.
- Ballistic glazing required between reception desk perimeter and Lobby.
- Sightlines shall be restricted past reception desk.
- CCTV support required at reception desk and building Lobby.
- CCTV support required at the Supervisor's Office and open office work area.
- All workstations need the ability to hear radio traffic / access radio.
- All workstations need speech and sightline privacy.

SUITE NOTES

- Supervisor needs to be close to monitor as well as view computer/camera for safety reasons.
- The Waiting Room shall be directly accessible from the public entry and adjacent the Operations Reception.
- Critical relationship required between Main Entry, Lobby, Waiting, Reception, and Operations Suite.
- Access to the restrooms and Conference Room shall be behind the first layer of security.
- A small meeting room for the Alaska State Troopers is provided near the Lobby and behind the first layer of security for private meeting with public members.
- Lobby/Waiting Area to accommodate no more than 15 people for managing press conferences in the adjacent Conference Room.
- Provide Supervisor Office with enough space to meet with 1 staff.
- Provide workroom resources such as copy machine within the open office area.
- Provide programmable displays/monitors behind reception desk glass for public messaging/wayfinding.
- Upgrade electrical/comm support of the existing Large Conference Room to support distance training and press conferences.
- Remove the AST Seal from the floor and replace with wall mounted installation.
- Expand or relocate existing Storage Room to provide proper clearances at existing electrical and fire alarm panels.

AREA 2: COMMAND SUITE

This suite supports the workforce responsible for overseeing all the operations for Alaska State Troopers.

PROGRAMMED SPACES/ STAFFING

The following is a breakdown of programmed spaces required for this suite as well as anticipated staff counts to support this area in the future.

AREA 2 - COMMAND SUITE			
ROOM		AREA	
NUMBER	NAME	PROVIDED	REMARKS
2A	COMMANDER OFFICE	228 SF	1 STAFF
2B	LIEUTENANT OFFICE	203 SF	1 STAFF
2C	LIEUTENANT OFFICE	185 SF	1 STAFF
2D	ADMIN OFFICE	92 SF	1 STAFF
2E	ADMIN OFFICE	84 SF	1 STAFF
2F	CONFERENCE ROOM	417 SF	TO SUPPORT 10 PEOPLE
2G	COPY/ FAX ALCOVE	162 SF	
		1,371 SF	

VISITOR FLOW

Visitor traffic for the Command Suite is anticipated to be limited in nature for occasional meetings. All non-DPS staff visiting this area would have an AST escort in the building.

STAFF FLOW

Staff will enter the building through the primary entrance or secondary entry points. Staff parking to support the Command Suite will be located at the building perimeter closest their suite work area as shown in the Concept Floor Plan.

LOGISTICS/MATERIAL FLOW

Incoming and outgoing mail is brought into the building through the main building entrance and delivery personnel are granted access by the Operations Suite to the Mail Room. The Mail Room primarily supports the Patrol Squad Suite with personal boxes for the troopers that are accessed from within their work area, however the Mail Room is accessed from within the Command Suite. There is some bulk paper and toner storage located in the Command Suite work area for Command Admin convenience and any other general supplies needed for this suite will be stocked from a general supply room located within the building.

SECURITY REQUIREMENTS

- Access control from the main public Lobby/ Waiting Area.

SUITE NOTES

- Expand current offices to take over storage.
- Reconfigure existing entry to suite for efficiency.
- Request to use current entry for Copy/Fax Alcove.
- Pass through not required between Command Suite and Patrol Squad Suite.

AREA 3: PATROL SQUAD SUITE

This suite supports the workforce of the Fairbanks area State Troopers responding to all active disturbances and reports of crime.

PROGRAMMED SPACES/ STAFFING

The following is a breakdown of programmed spaces required for this suite as well as anticipated staff counts to support this area in the future.

AREA 3 - PATROL SQUAD SUITE			
ROOM		AREA	
NUMBER	NAME	PROVIDED	REMARKS
3A	SERGEANT OFFICE	112 SF	1 STAFF
3B	SERGEANT OFFICE	119 SF	1 STAFF
3C	SERGEANT OFFICE	112 SF	1 STAFF
3D	SERGEANT OFFICE	112 SF	1 STAFF
3E	SERGEANT OFFICE	112 SF	1 STAFF
3F	OPEN OFFICE FOR TROOPERS	1,670 SF	16-20 WORKSTATIONS AT A TIME/ 36 TOTAL STAFF
3G	BRIEFING ROOM	376 SF	TO SUPPORT 10 PEOPLE
3H	INTERVIEW ROOM	74 SF	TO SUPPORT 3-4 PEOPLE
3I	STORAGE	81 SF	
3J	MAIL ROOM	119 SF	EXISTING SIZE TO REMAIN
3K	S.E.R.T. VEHICLE STORAGE	1,523 SF	BEARCAT, WHITE TRUCK, LOADER, AND BOBCAT
3L	S.E.R.T. LOCKER STORAGE	527 SF	LOCKERS AND MACHINE
		4,937 SF	

VISITOR FLOW

The visitor traffic anticipated for the Patrol Squad Suite is limited to individuals meeting with AST personnel and will be met at the Main Lobby and escorted into the building as needed.

STAFF FLOW

Staff will enter the building through the primary entrance or secondary entry points. Staff parking to support the Patrol Squad Suite will be located at the building perimeter closest their suite work area as shown in the Concept Site Plan.

LOGISTICS/MATERIAL FLOW

There are no known specific deliveries anticipated to the Patrol Squad Suite. Any supplies needed for this suite will be stocked from a general supply room located within the suite and/or building.

SECURITY REQUIREMENTS

- Access control from the main public Lobby/ Waiting Area.
- CCTV for building monitoring and regular TV for use with memory stick or computer.
- Separate CCTV for prisoners monitoring at holding cells.

SUITE NOTES

- The Briefing Room needs a big table and chairs around it with a place for a white board and TV on the wall.
- The Interview Room needs a small table and chairs.
- SGT offices located with visual of the main Squad Room.
- The Briefing Room should be near to the Squad Room.
- The Interview Room should be within the suite work area, but no critical adjacency needed with other spaces.
- Ammo Locker / Armory adjacent to suite but not necessarily located within work area.
- Reconfigure entry into suite, remove direct connection hall to command.
- Mail Room to remain as-is, new point of access (or provide ~45 pigeonholes).
- Expand Sergeant offices (5) to accommodate meeting with 1-2 troopers.
- Combination sitting/standing desks shared by rotating shifts (20 stations).
- Move A/V controls to main Server Room.
- Relocate Ammo Locker / Armory for additional workstations needed.

AREA 4: INTAKE SUITE

This is a sub-group of the Alaska State Troopers and these functional spaces are to support the processing and holding of intakes of DUI suspects and others being detained by AST prior to booking.

PROGRAMMED SPACES/ STAFFING

The following is a breakdown of programmed spaces required for this suite as well as anticipated staff counts to support this area in the future.

AREA 4 - INTAKE SUITE			
ROOM		AREA	
NUMBER	NAME	PROVIDED	REMARKS
4A	HOLDING CELL	74 SF	
4B	HOLDING CELL	74 SF	
4C	DUI INTAKE/ FINGERPRINTING	87 SF	1 STAFF
		234 SF	

VISITOR FLOW

The public is not expected to visit this department. When intakes are brought in by the troopers, they will arrive through the garage entry at the south of the facility and be escorted to the Intake Suite for fingerprinting and holding.

STAFF FLOW

Staff will enter the building through the primary entrance or secondary entry points. Staff parking to support the Intake Suite will be located at the building perimeter closest their suite work area as shown in the Concept Site Plan.

LOGISTICS/MATERIAL FLOW

There are no known specific deliveries anticipated to the Intake Suite. Any supplies needed for this suite will be stocked from a general supply room located within the suite and/or building.

SECURITY REQUIREMENTS

- Access control from the main public Lobby/ Waiting Area.
- Detention of individuals within the building will require specific procedures and building systems in the interest of life safety during emergency situations.
- CCTV at holding cells for prisoners monitoring by the Patrol Squad Suite.

SUITE NOTES

- Adjacency to the Garage is critical for smooth intake function.
- Adjacency to the Patrol Suite is also desired for staff workflow.
- Finish selections for DUI Intake should consider the high abuse of this area.

AREA 5: CRIME SCENE SUITE

This is a sub-group of the Alaska Bureau of Investigation (ABI) and is tasked with testing and processing evidence as needed to support active investigation of crimes. Crime Lab also has a working relationship with AST both on scene and within the facility.

PROGRAMMED SPACES/ STAFFING

The following is a breakdown of programmed spaces and staff required for this suite.

AREA 5 - CRIME SCENE SUITE			
ROOM		AREA	
NUMBER	NAME	PROVIDED	REMARKS
5A	CRIME LAB/ STORAGE	243 SF	
5B	FORENSIC TECH	139 SF	1 STAFF
		382 SF	

VISITOR FLOW

No visitors are anticipated for this suite. The lab tech does work with ABI and AST staff and will have office space for one-on-one meetings.

STAFF FLOW

Because of the frequent use of lab space and coordination with both ABI and AST, the Crime Lab is situated between these two areas with door access directly to each. This suite is also located with convenient access to the new consolidated evidence storage area.

LOGISTICS/MATERIAL FLOW

Direct receiving for this suite is limited to specific items of evidence that require lab work. All other supplies will be stocked from a general supply room located within the building. Access to pull and return evidence to the evidence suite is eased by the adjacency of the work groups.

SECURITY REQUIREMENTS

- Access control from the main public Lobby/ Waiting Area.
- Because the Lab is responsible for handling evidence and information related to active cases, this space will be completely lockable when not supervised by the technician.

SUITE NOTES

- Adjacency to the Garage for intake of new crime scene evidence.
- Adjacency to the AST and ABI suites for internal communications.
- Adjacency to the Evidence Suite for material flow.

AREA 6: ALASKA BUREAU OF INVESTIGATION (ABI) SUITE

This suite supports the workforce responsible for coordinating and conducting major criminal investigations within Alaska State Troopers jurisdiction.

PROGRAMMED SPACES/ STAFFING

The following is a breakdown of programmed spaces required for this suite as well as anticipated staff counts to support this area in the future.

AREA 6 - ALASKA BUREAU OF INVESTIGATION (ABI) SUITE			
ROOM		AREA	
NUMBER	NAME	PROVIDED	REMARKS
6A	SUPERVISOR OFFICE	124 SF	1 STAFF
6B	OPEN OFFICE SQUAD ROOM	357 SF	4 STAFF
6C	OPEN ADMIN AREA	188 SF	1 STAFF
6D	CONFERENCE ROOM	391 SF	TO SUPPORT 15-20 PEOPLE
6E	INTERVIEW ROOM	74 SF	
6F	SUPPLY/ WORK ROOM	150 SF	
		1,283 SF	

VISITOR FLOW

The visitor traffic anticipated for the ABI Suite is limited to individuals meeting with ABI personnel and will be met at the Main Lobby and escorted into the building as needed.

STAFF FLOW

Staff will enter the building through the primary entrance or secondary entry points. Staff parking to support the ABI Suite will be located at the building perimeter closest their suite work area as shown in the Concept Site Plan.

LOGISTICS/MATERIAL FLOW

There are no known specific deliveries anticipated to the ABI Suite. Any supplies needed for this suite will be stocked from a general supply room located within the suite and/or building.

SECURITY REQUIREMENTS

- Access control from the main public Lobby/ Waiting Area.
- Conference and office spaces my contain sensitive information related to ongoing investigations and will be lockable when unsupervised.

SUITE NOTES

- Adjacencies are not critical for this department but convenient access to evidence storage and the Crime Lab improve workflow.

AREA 7: EVIDENCE SUITE

The staff and programmed spaces of this suite will be located in a new building to be constructed at the east of the existing DPS building. This building will be primarily for safely and securely processing, logging, storing, and inspecting evidence.

PROGRAMMED SPACES/ STAFFING

The following is a breakdown of programmed spaces required for this suite as well as anticipated staff counts to support this area in the future.

AREA 7 - EVIDENCE SUITE			
ROOM		AREA	
NUMBER	NAME	PROVIDED	REMARKS
7A	EVIDENCE SUPERVISOR OFFICE	114 SF	1 STAFF
7B	OPEN OFFICE FOR EVIDENCE TECH	100 SF	1 STAFF
7C	OPEN ADMIN OFFICE	284 SF	3 STAFF
7D	EVIDENCE CONTROL	128 SF	CHECK-IN AND CHECK-OUT
7E	AFTER HOURS DROP OFF/ TEMP HOLDING	79 SF	
7F	EVIDENCE VIEWING ROOM	127 SF	
7G	EVIDENCE WAREHOUSE STORAGE	705 SF	COMBINATION OF STORAGE TYPES
7H	UNISEX RESTROOM	59 SF	
7I	EVIDENCE FREEZER	803 SF	FIXED SHELVING/ VARIETY OF SIZES
7J	GARAGE BAY 1	1,138 SF	
7K	GARAGE BAY 2	1,138 SF	
		4,675 SF	

VISITOR FLOW

The visitor traffic anticipated for the Evidence Suite is limited to individuals meeting with DPS personnel and will be met at the Main Lobby and escorted into the building as needed.

STAFF FLOW

Staff will enter the building through the primary entrance or secondary entry points. Staff parking to support the Evidence Suite will be located at the building perimeter closest their suite work area as shown in the Concept Floor Plan. Additional, flow of materials and staff will be between the corridor connecting the existing DPS building to the new Evidence Suite.

SECURITY REQUIREMENTS

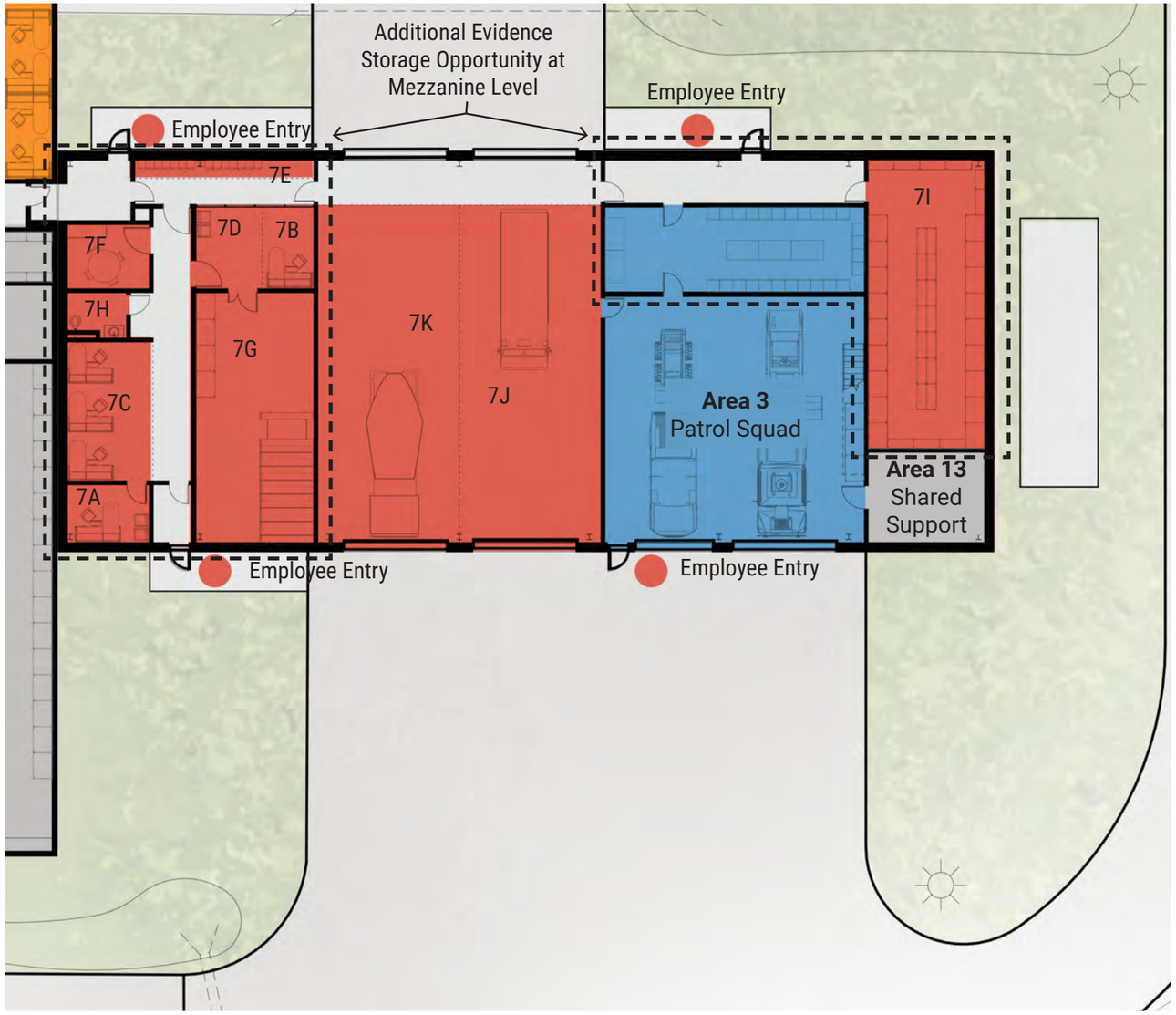
- Access control from the main DPS building to the new Evidence Suite.
- Restricted access and vehicular circulation from public parking to the new Evidence Suite.
- Afterhours access is required to the evidence drop off area which required secure lockers.

SUITE NOTES

- Easy traffic access to the pull through bays is required.
- Connection to the existing building for work with AST, AWT, ABI, and Crime Lab.
- Freezer storage required priority on backup power system to preserve evidence.

LOGISTICS/MATERIAL FLOW

Evidence is brought to the suite by AST, AWT, Crime Lab, and ABI personnel to be processed and held. It may also be checked out for inspection, testing, and trial. Use of the interior corridor will be for all small items and documents. Vehicles and large items that need to be inspected or stored temporarily will be brought in via the drive through inspection bays.



AREA 8: DISPATCH SUITE

The operations of this suite are on a 24/7 basis, answering and dispatching calls to troopers, officers, local fire departments, and others, around the State of Alaska.

PROGRAMMED SPACES/ STAFFING

The following is a breakdown of programmed spaces required for this suite as well as anticipated staff counts to support this area in the future.

AREA 8 - DISPATCH SUITE			
ROOM		AREA	
NUMBER	NAME	PROVIDED	REMARKS
8A	SUPERVISOR OFFICE	114 SF	1 STAFF
8B	OPEN OFFICE WORKSTATIONS	813 SF	10 STAFF
8C	TRAINING/ CONFERENCE ROOM	210 SF	
8D	BREAK ROOM	151 SF	EXPANDED TO ADD A STOVE AND IMPROVE FLOW
8E	LOCKER ALCOVE	134 SF	16 TWO-TIER LOCKERS FOR 32 STAFF
8F	DISPATCH IT/ DATA	176 SF	EXISTING SIZE TO REMAIN
8G	UNISEX RESTROOM	56 SF	
8H	UNISEX RESTROOM	57 SF	
		1,711 SF	

VISITOR FLOW

There is no known outside visitor traffic anticipated for the Dispatch Suite.

STAFF FLOW

Staff will enter the building through the primary entrance or secondary entry points. Staff parking to support the Dispatch Suite will be located at the building perimeter closest their suite work area as shown in the Concept Floor Plan.

LOGISTICS/MATERIAL FLOW

While the Dispatch Suite location is near the existing loading dock, there are no known specific deliveries anticipated to the suite. Any supplies needed for this suite will be stocked from a general supply room located within the building.

SECURITY REQUIREMENTS

- Dispatchers have access to monitor building CCTV as well as radio contact with emergency personnel in the area.
- 24/7 operation means staff entering and exiting late at night. Secure priority parking within the fenced perimeter will be provided for this department.

SUITE NOTES

- Supervisor Office with windows to dispatch space.
- Expanded Break Room with full stove.
- Min. 32 Lockers (for individual users).
- Increase bathroom capacity in this area of the building (shared with adjacent AWT Suite).

AREA 9: ALASKA WILDLIFE TROOPERS (AWT) SUITE

The staff of this suite preserve and protect the natural resources of the State of Alaska.

PROGRAMMED SPACES/ STAFFING

The following is a breakdown of programmed spaces required for this suite as well as anticipated staff counts to support this area in the future.

AREA 9 - ALASKA WILDLIFE TROOPERS (AWT) SUITE			
ROOM		AREA	
NUMBER	NAME	PROVIDED	REMARKS
9A	SQUAD ROOM	606 SF	6-8 STAFF
9B	LIEUTENANT OFFICE	179 SF	1 STAFF
9C	TECH WORKROOM	150 SF	1-2 STAFF
9D	SERGEANT OFFICE	150 SF	1 STAFF
9E	SERGEANT OFFICE	150 SF	1 STAFF
9F	OPEN OFFICE/ RECEPTION	166 SF	2 STAFF
9G	UNISEX RESTROOM	58 SF	
9H	BREAK ROOM	184 SF	
9I	WAITING ROOM	127 SF	TO SUPPORT 4 PEOPLE
9J	MEETING ROOM	25 SF	WITHIN WAITING AREA
9K	INTERVIEW ROOM	137 SF	
9L	WET ROOM	461 SF	
9M	FREEZER	165 SF	OLD EVIDENCE FREEZER LOCATION
9N	BRIEFING ROOM	292 SF	TO SUPPORT 10 PEOPLE
9O	TRAINING ROOM	453 SF	TO SUPPORT 25-30 PEOPLE
9P	STORAGE	77 SF	
9Q	DISPLAY	36 SF	
		3,413 SF	

VISITOR FLOW

Visitors will enter the building from the public parking area through the primary building entry. From there, either the Operations staff will assist in directing to the AWT Suite waiting or the public will go directly to that area. The isolated AWT Suite waiting will be directly off the main Lobby / Waiting Area and monitored by adjacent Admin staff to help assist the public when visiting the AWT Suite.

STAFF FLOW

Staff will enter the building through the primary entrance or secondary entry points. Staff parking to support the AWT Suite will be located at the building perimeter closest their suite work area as shown in the Concept Site Plan.

LOGISTICS/MATERIAL FLOW

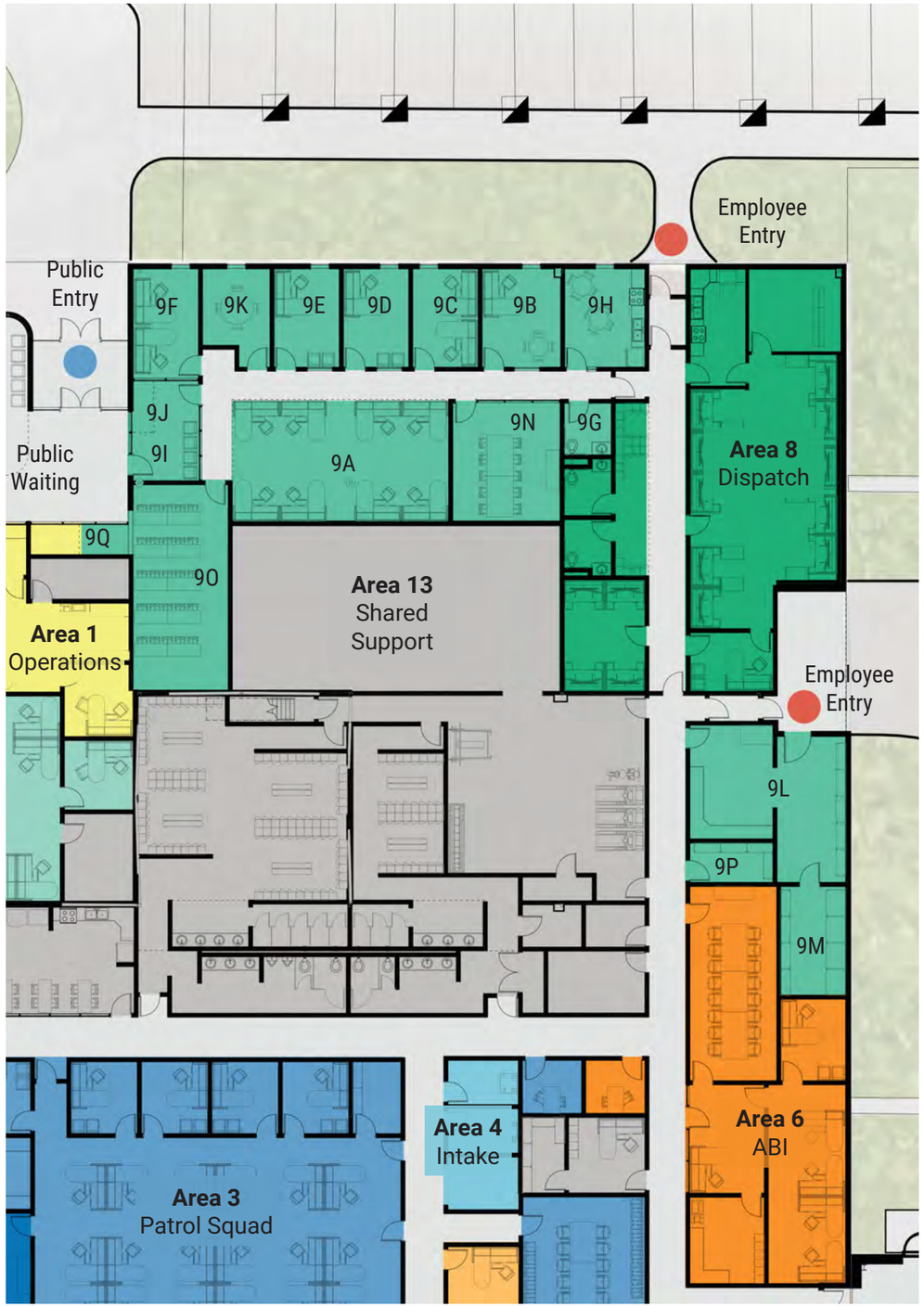
This suite is anticipated to receive materials from the public through the main building entry as well as larger items through the loading dock at the east/rear of the building. The adjacent freezer located near the loading dock will be utilized for temporary storage to support deliveries to the AWT Suite.

SECURITY REQUIREMENTS

- Access control from the main public Lobby / Waiting to the isolated AWT Waiting Room.
- Access control from the isolated AWT Waiting Room to the remainder of the AWT Suite.

SUITE NOTES

- Direct access by the public from the suite to the main building Lobby managed by Operations.
- Shared staff restrooms and staff entry with Dispatch. Shared public bathrooms with Operations.
- Use of loading dock area for receiving and of inspection animal remains.
- Use of evidence storage both warehouse space and freezer.
- Exterior windows provided at offices for daylighting.
- Interior windows and at offices, Break Room, and Squad Room for maximizing filtered daylight to interior suite spaces.
- Centralized Squad Room with interior storefront at perimeter to maximize daylighting and visibility.
- Transom windows where possible for a more open feel.
- With the addition of the new Evidence Building, the existing evidence freezer located near the loading dock is no longer needed; freezer to now serve as temporary storage to support the needs of the AWT Suite.



AREA 10: RURAL ALASKA STATE TROOPERS (AST) SUITE

The staff of this suite services the rural area outside of Fairbanks.

PROGRAMMED SPACES/ STAFFING

The following is a breakdown of programmed spaces required for this suite as well as anticipated staff counts to support this area in the future.

AREA 10 - RURAL ALASKA STATE TROOPERS (AST) SUITE			
ROOM		AREA	
NUMBER	NAME	PROVIDED	REMARKS
10A	SERGEANT OFFICE	111 SF	1 STAFF
10B	OPEN OFFICE FOR TROOPERS	646 SF	7 STAFF
10C	UNISEX RESTROOM	27 SF	
		785 SF	

VISITOR FLOW

This suite is not expected to get outside visitor traffic.

STAFF FLOW

Staff will enter the building through the primary entrance or secondary entry points. Staff parking to support the Rural AST Suite will be located at the building perimeter closest their suite work area as shown in the concept floor plan.

LOGISTICS/MATERIAL FLOW

There are no known specific deliveries anticipated to the Rural AST Suite.

SECURITY REQUIREMENTS

- There are no known security requirements for the Rural AST Suite.

SUITE NOTES

- The Sergeant's Office should be located for visibility of the trooper open office work area.
- The Sergeant's Office should be large enough to meet with 2 troopers.
- A private restroom is desired to support the Rural AST staff; locker/ lounge space is not required.
- Note that troopers do most of their work in the field from their vehicles or over the phone.

AREA 11: FIRE MARSHAL SUITE

The mission of this suite is to prevent the loss of life and property from fire and explosion.

PROGRAMMED SPACES/ STAFFING

The following is a breakdown of programmed spaces required for this suite as well as anticipated staff counts to support this area in the future.

AREA 11 - FIRE MARSHAL SUITE			
ROOM		AREA	
NUMBER	NAME	PROVIDED	REMARKS
11A	FIRE MARSHAL OFFICE	192 SF	1 STAFF
11B	OPEN ADMIN AREA	181 SF	1 STAFF
11C	MEETING ROOM	227 SF	TO SUPPORT 10 PEOPLE
11D	STORAGE/ COPY ROOM	66 SF	
		667 SF	

VISITOR FLOW

Visitors to this area of the building are anticipated to be limited to individuals meeting with the Fire Marshal, they would be met at the Lobby and escorted into the building as needed.

STAFF FLOW

Staff will enter the building through the primary entrance or secondary entry points. Staff parking to support the Fire Marshal Suite will be located at the building perimeter closest their suite work area as shown in the Concept Floor Plan.

LOGISTICS/MATERIAL FLOW

There are no known specific deliveries anticipated to the Fire Marshal Suite.

SECURITY REQUIREMENTS

- There are no known security requirements for the Fire Marshal Suite.

SUITE NOTES

- Open workroom will double as a workstation for out of town Fire Marshal staff.

AREA 12: CRIMINAL SUPPRESSION SUITE

The staff of this suite proactively investigates various types of crime.

PROGRAMMED SPACES/ STAFFING

The following is a breakdown of programmed spaces required for this suite as well as anticipated staff counts to support this area in the future.

AREA 12 - CRIMNAL SUPPRESSION SUITE			
ROOM		AREA	
NUMBER	NAME	PROVIDED	REMARKS
12A	PRIVATE SERGEANT OFFICE	106 SF	1 STAFF
12B	OPEN OFFICE	593 SF	4 STAFF
		699 SF	

VISITOR FLOW

No visitor traffic is anticipated to regularly visit the criminal suppression suite.

STAFF FLOW

Staff will enter the building through the primary entrance or secondary entry points. Staff parking to support the Criminal Suppression Suite will be located at the building perimeter closest their suite work area as shown in the Concept Floor Plan.

LOGISTICS/MATERIAL FLOW

No regularly scheduled deliveries are anticipated to the Criminal Suppression Suite.

SECURITY REQUIREMENTS

- No specific security requirements for the Criminal Suppression Suite are anticipated.

SUITE NOTES

- Sargent has secure private office.

AREA 13: SHARED SUPPORT SPACES

This section includes programmed spaces that the DPS building will utilize as a whole.

PROGRAMMED SPACES/ STAFFING

The following is a breakdown of programmed spaces required for this section. Most of these spaces are non-staffed support spaces, however we have included custodial and facilities management staff in this functional group.

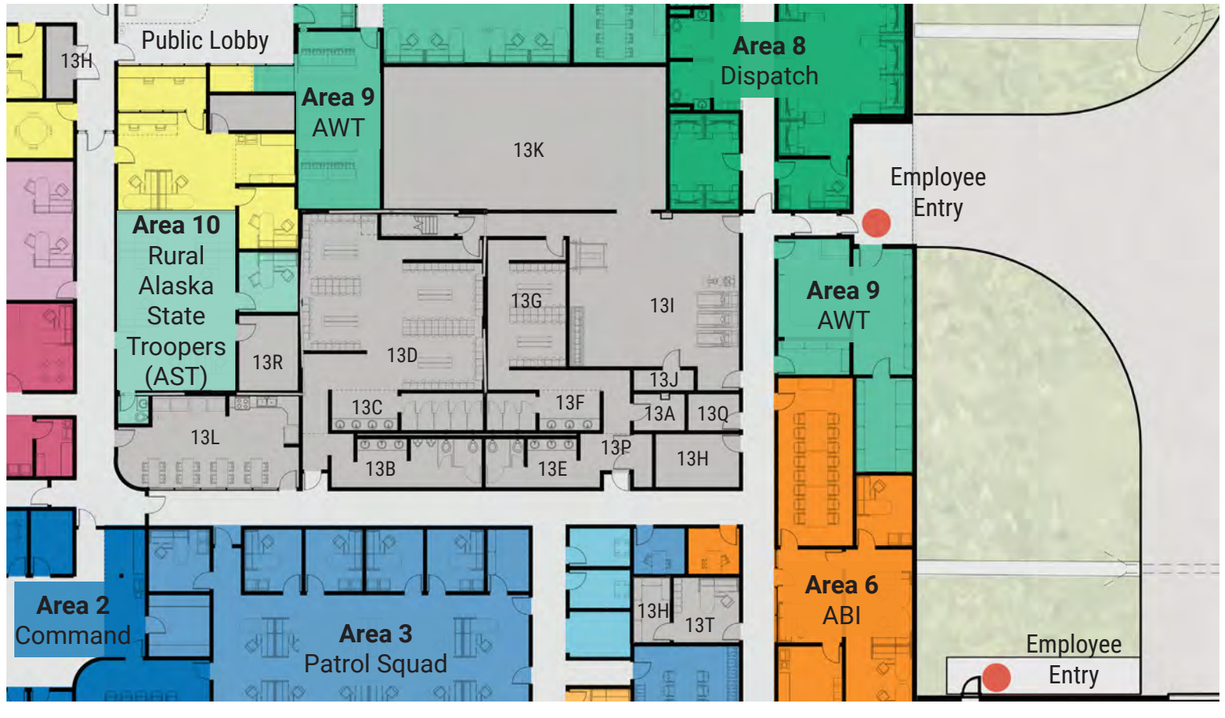
AREA 13 - SHARED SUPPORT SPACES			
ROOM		AREA	
NUMBER	NAME	PROVIDED	REMARKS
13A	LACTATION ROOM	57 SF	
13B	MEN	261 SF	
13C	MEN SHOWER/ DRYING	180 SF	
13D	MEN LOCKER	921 SF	
13E	WOMEN	209 SF	
13F	WOMEN SHOWER/ DRYING	135 SF	
13G	WOMEN LOCKER	434 SF	
13H	CHAIR STORAGE	62 SF	
13H	GENERAL SUPPLY	140 SF	
13H	STORAGE	980 SF	
13H	STORAGE	75 SF	
13I	GYM	919 SF	
13J	SAUNA	39 SF	
13K	MAT ROOM	1,250 SF	
13L	BREAK ROOM	475 SF	
13M	ARMS LOCKER	150 SF	
13N	GARAGE	5,259 SF	
13O	ELECTRICAL ROOM	253 SF	
13O	MECH	405 SF	
13P	ELEC/ FIRE	94 SF	
13P	ELEC/ TELE	32 SF	
13Q	JANITOR	59 SF	
13R	SERVER ROOM	140 SF	
13S	CUSTODIAL OFFICE/ STORAGE	183 SF	1 STAFF
13T	FACILITIES OFFICE	135 SF	1 STAFF
		12,845 SF	

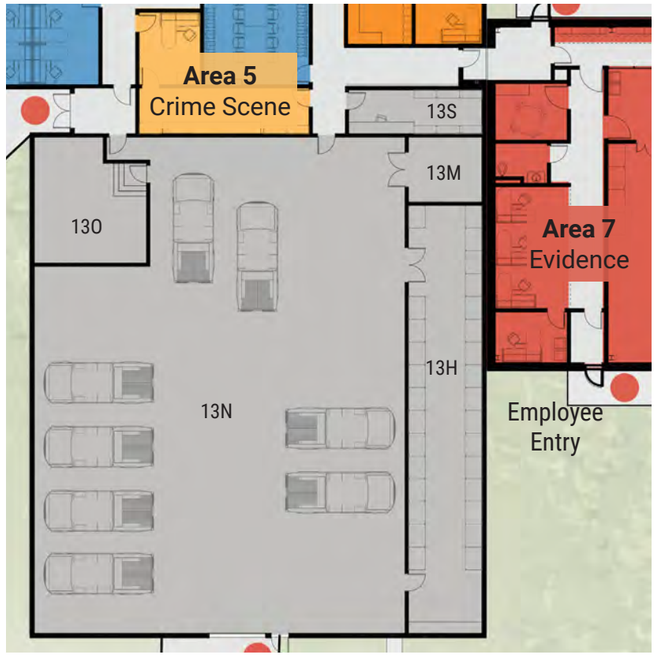
STAFF FLOW

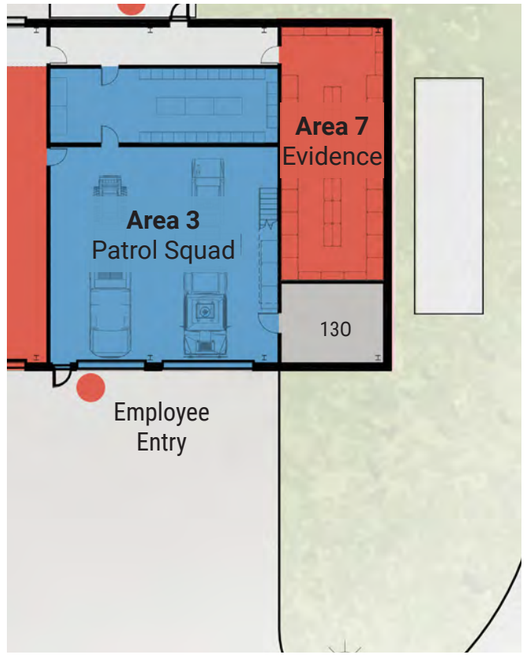
Staff will enter the building through the primary entrance or secondary entry points to gain access to these spaces, depending on level of access of the personnel. Select areas included in this section will be accessed from staff and/or maintenance personnel only and will be restricted from public access. With exception of the bathrooms adjacent to Operations, these spaces are not expected to get outside visitor traffic.

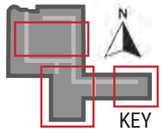
LOGISTICS/MATERIAL FLOW

Bulk supplies will arrive to the loading dock and be distributed to appropriate storage locations throughout the building. Similarly, all categories of waste materials will be collected throughout the facility and routed out through the loading dock area. Some small deliveries may be received at the Operations desk in the Main Lobby.









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Design Alaska

Summary; Area 13 Shared Support Spaces
Fairbanks Department of Public Safety (DPS) Building Reconfiguration
Fairbanks, Alaska