

# PROGRAMMING DESIGN REPORT

**Dallas Love Field Airport**

**Aircraft Rescue and Fire Fighting  
(ARFF) Facility**

Report prepared by



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Date: July 15, 2021  
Final

# Contents

<b>1. INTRODUCTION .....</b>	<b>1</b>
<b>2. PROGRAM .....</b>	<b>1</b>
2.1 PROGRAM SCOPE .....	1
2.2 EXISTING CONDITION .....	4
2.3 CODES AND STANDARDS .....	5
2.4 PROGRAM ELIGIBILITY NARRATIVE .....	6
<b>3. COST AND SCHEDULE .....</b>	<b>14</b>
3.1 PROJECT COST .....	14
3.2 PROJECT SCHEDULE .....	14
<b>4. SYSTEM NARRATIVES .....</b>	<b>15</b>
4.1 CIVIL .....	15
4.2 STRUCTURAL .....	18
4.3 ARCHITECTURAL .....	24
4.4 INTERIOR SYSTEMS .....	27
4.5 FIRE ALARM SYSTEM .....	29
4.6 FIRE PROTECTION SYSTEMS .....	32
4.7 PLUMBING SYSTEMS .....	35
4.8 MECHANICAL .....	37
4.9 ELECTRICAL .....	39
4.10 TECHNOLOGY SYSTEMS .....	40

## APPENDICES

Appendix A – Program Spreadsheet

Appendix B – Cost and Schedule

Appendix C – Room Data Sheet

Appendix D – Adjacency Matrix and Bubble Diagram



## 1. INTRODUCTION

Mead & Hunt, Inc., and our programming partners have been selected by the City of Dallas Department of Aviation to lead and develop an architectural program for a proposed new Aircraft Rescue and Firefighting Facility (ARFF) located at the Dallas Love Field Airport (DAL). The purpose of this programming exercise is to develop a detailed building program for the proposed new ARFF and Airside Operations facility, confirming site requirements, building elements, interior spaces, sizes, and configurations.

## 2. PROGRAM

### 2.1 PROGRAM SCOPE

#### A. Overview

1. This project is identified as the programming exercise for the proposed new Airport Rescue and Firefighting Facility (ARFF) located at the Dallas Love Field Airport (DAL).
2. The proposed ARFF facility is intended to house and support emergency aircraft fire and rescue response services to the Dallas Love Field Airport as required by the Federal Aviation Administration (FAA) for commercial service airports. DAL is classified as Index C service level, as determined under Federal Aviation regulations (FAR) Title 14 Code of Federal Regulations (CFR) Part 139 requirements. ARFF services are provided by the City of Dallas Fire-Rescue Department.
3. The proposed new facility is also intended to co-locate the DAL Airside Operations Division. This Division is responsible for conducting safety related inspections of the airfield areas at DAL to promote efficient and safe operations at the Airport in compliance with FAR Part 139 requirements.
4. DAL has identified the need to construct a new ARFF facility to ensure ARFF response time remains in compliance with Part 139 requirements, as a result of reconfiguring the airfield geometry, and to provide a facility consistent with the current FAA Advisory Circular and City of Dallas Fire Rescue standards. The new ARFF station will replace and render obsolete the existing ARFF building identified as Station 21.
5. The following narrative describes the intent of the programming exercise for the proposed new facility, develops a program space and size basis for the new facility,

establishes a rough order of magnitude cost and schedule for design and construction of the proposed facility, and describes the proposed technical scope and approach to the work of the Project.

B. Understanding, Goals and Objectives

1. The primary objective of this programming exercise is to develop a comprehensive building program consisting of spaces, sizes, and functional requirements used to establish a scope, budget, and schedule for future design and construction of the facility.
2. The ARFF station is proposed to be located mid-field and adjacent to the new Crossfield Taxiways, as identified in a previous study, and providing improved response to the runway system.
3. The building program assumes a single-story structure with mechanical mezzanine, consisting of multiple drive-through vehicle bays for ARFF apparatus, separate apparatus storage, and support areas and administrative and living spaces for ARFF and Airside Operations personnel, consistent with the FAA Advisory Circular and reflective of the City of Dallas Fire Rescue Department standards.
4. Goals identified include:
  - a. Develop a program that will support improved organizational and operational effectiveness.
  - b. Develop a program that will support improved operational responsiveness.
  - c. Develop a program that will support improved situational awareness and visibility of the airfield.
  - d. Develop a program that will support decreased operational and maintenance costs.
  - e. Develop a clear understanding of the facility requirements to support a modern, current Index C level ARFF facility in accordance with FAA Advisory Circular and Part 139 requirements and to successfully move into and through the design phase of a project.
  - f. Develop a program consistent with FAA eligibility requirements to maximize opportunity to receive funding under the Airport Improvement Program (AIP).
  - g. Develop a program consistent with City of Dallas DFR station requirements, including LEED Gold certification.

- h. Develop long-term facility sized to support Dallas Love Field for the next 50 years.

C. Summary of Process:

1. Representatives of the programming team, along with representatives from the various Airport user groups, including Department of Aviation Infrastructure and Development (AVI), Dallas Fire Rescue (DFR), Airside Operations, Airport Operations Technology (AOT) held a programming kick-off meeting February 25, 2021 to review the overall programming process, develop an understanding of the background for the project, establish a clear vision and goals for the programming process and confirm expectations and deliverables.
2. An initial programming session was held with stakeholders on March 11, 2021 to review user needs, discuss functional space and operational relationships, and to establish a first pass at an overall program space summary. User group questionnaires were distributed prior to the session and responses reviewed. An initial program for ARFF and Airside Operations spaces were developed.
3. A second programming session was held with stakeholders on March 31, 2021 to further understand operational needs, receive additional comment and to modify and adjust the program space statement to reflect DAL requirements.
4. A third and final programming session was held May 19, 2021 to confirm the program space summary and offer opportunity for final comment and adjustment.

D. Program Description

1. This program consists of interior and exterior spaces intended to fully support the operation of an Index C\* level ARFF station and Airside Operations Division at Dallas Love Field (DAL) Airport for both near and long-term operations.
2. This program defines spaces in accordance with FAA Advisory Circular requirements.
3. As the Airport is owned by and operates under the jurisdiction of the City of Dallas, the program meets the requirements of the City of Dallas programming standards for fire stations.
4. This program reflects Airport Improvement Program requirements for proposed funding eligibility for limited areas of the ARFF-specific program. Other areas of the program not specifically supporting FAA Part 139 requirements are proposed to be funded through other Airport sources.

*\*Title 14 CFR Part 139, Subpart D, Section 139.315 ARFF Index Determination*

5. This program consolidates various functions into a centralized facility, reducing development, operation, and maintenance costs.
6. This program provides a new facility to replace the deficiencies found in the current ARFF building.

## 2.2 EXISTING CONDITION

- A. The existing DAL ARFF station is identified as Fire Station 21 and is owned and operated by the City of Dallas. The mission of the DAL ARFF is to provide response to incidents on the property of Love Field Airport, specifically to those occurring inside the secure fenced air operations area (AOA). ARFF Station 21 will also respond to aircraft incidents occurring outside of the secure fenced AOA, as long as ARFF Index C capabilities are maintained at Love Field Airport.
- B. The existing ARFF building was constructed in 1964. The existing building is 14,938 square feet in area and consists of four (4) vehicle bays. The existing building is a multi-level building, with the vehicle bays on the ground level and sleeping and living quarters on a second level. This is an inefficient arrangement of spaces in conflict with today's FAA and City of Dallas standards. Standards would require all spaces to be co-located on one level to improve firefighter response time and reducing opportunity for injury on stairs and slide poles.
- C. The existing building is found to be in poor condition. Existing building spaces are undersized for current and future staffing requirements and equipment needs. It is believed the location and arrangement of the existing spaces, following the reconfiguration of the airfield geometry, will no longer be capable of complying with FAA operational response requirement. The existing building electrical and mechanical systems are outdated and require consistent maintenance or replacement.
- D. The existing ARFF station is located on the northwest side of the Airport and is accessed from the landside via Shorecrest Drive and Weiss Street. ARFF vehicles accessing the secure airfield maneuver across aircraft parking apron and onto the airfield taxiway movement system.
- E. DAL currently maintains and operates four Rosenbauer 6x6 ARFF vehicles. Each vehicle has a capacity of 3000 gallons of water, 400 gallons of liquid foam 3% AFFF agent, and 500 lbs. of auxiliary dry chemical agent. Two of the vehicles meet the Index C requirements for mainline response. The additional two vehicles serve as reserve and training vehicles. The station also maintains a Ford F-350 Command Vehicle.

- F. DAL Station 21 is currently staffed by City of Dallas Fire-Rescue Department personnel. Staff contains both male and female firefighters. Staff operates 3 shifts. Required staff level for each shift include 9 firefighters for response, with three additional firefighter/staff stationed in the facility. Designated ARFF staff officers include a Battalion Chief, a Captain/Training Officer, a Driver/Engineer and two additional Captains/Lieutenants for a total of 30 current staff.

## 2.3 CODES AND STANDARDS

### A. Applicable Codes, Guidelines, and Criteria

1. Project must be designed in accordance with Federal Aviation Administration standards and the Code of Federal Regulations (CFR) including:
  - a. FAA Advisory Circular AC 150/5210-15A *Aircraft Rescue and Firefighting Station Building Design*.
  - b. FAA Order 5100-38D *AIP Handbook* for funding eligibility.
  - c. Title 14 CFR Part 139, Certification of Airports. Subpart D including:
    - 1) Section 139.315 ARFF Index Determination.
    - 2) Section 139.317 ARFF Equipment and Agents.
    - 3) Section 139.319 ARFF Operational Requirements.
    - 4) Section 139.321 Handling and Storing Hazardous Substances and Materials.
2. Project must be designed in accordance with City of Dallas and Dallas Fire Department and Dallas Love Field Airport standards including:
  - a. City of Dallas *Fire Station Building Design Standards Program*.
  - b. City of Dallas *Airport System Design Standards Manual (DSM)*.
  - c. City of Dallas *Green Building Ordinance*.
3. Project must be designed in accordance with local building and fire codes as adopted by the State of Texas and the City of Dallas. The Uniform Construction Codes (UCC) for the Project include:
  - a. 2015 *International Building Code* with Dallas Amendments.
  - b. 2015 *International Fire Code*, including Appendix J, with Dallas Amendment.
  - c. 2013 *NFPA 13 Standard for the Installation of Sprinkler Systems*.



- d. 2013 *NFPA 72 National Fire Alarm and Signaling Code*.
  - e. 2015 *International Plumbing Code* with Dallas Amendments.
  - f. 2015 *International Mechanical Code* with Dallas Amendments.
  - g. 2017 *National Electrical Code* with Dallas Amendments.
  - h. 2015 *International Energy Conservation Code* with Dallas Amendments.
  - i. 2015 *International Fuel & Gas Code* with Dallas Amendments.
  - j. 2015 *International Green Construction Code* with Dallas Amendments.
  - k. ANSI A117.1 *Standard on Accessible and Useable Buildings and Facilities*, the *Architectural Barriers Act*, and with the *Americans with Disabilities Act Architectural Accessibility Guidelines (ADAAG)* as incorporated by the Texas ADAAG are a minimum standard for design.
4. Project should also reference:
- a. *Dallas Love Field ARFF Siting Analysis*, dated September 2019 and provided by URS Corporation.
  - b. *Dallas Love Field ARFF Siting Study*, dated July 2019 and provided by Ricondo.
5. Project must be designed in to meet LEED Gold certification.
6. Additional codes and standards are identified within each narrative section by discipline. Codes and standards in effect and enforced by the City of Dallas at the time of project design should be verified and followed.

## 2.4 PROGRAM ELIGIBILITY NARRATIVE

- A. This ARFF program is composed of a building space statement for the proposed new Station 21 facility consisting of an approximately 33,400 total gross square feet. The program details 25,500 square foot for the new Aircraft Rescue and Fire Fighting (ARFF) station and 7,900 square foot for the new Airside Operations area of the building. These spaces are intended to be co-located in one facility at the Airport. A space-by-space listing of each of the ARFF area's rationale follows. Spaces not included in this narrative and included and described in the complete program spreadsheet are attached as Appendix A of this document.
- B. ARFF Apparatus Bay(s): Two ARFF apparatus bays are included in the program to house the two primary Index required response vehicles (Red 1 and Red 2). These vehicle bays are sized in accordance with FAA standards to account for the vehicle dimensions, required clearances around the vehicle to adjacent vehicles/structures, and to

accommodate vehicle bay door operation. The program assumes a drive-through bay configuration. Both bays are proposed as eligible for AIP funding.

- C. ARFF Maintenance Bay: A single vehicle maintenance bay is included in the program, as it is highly desirable and efficient to perform ARFF vehicle maintenance onsite within the ARFF station. This bay will allow DAL to dedicate space for vehicle light maintenance and washing of equipment. This bay may be utilized for quick re-supply of foam and water during an incident. The program assumes a drive-through bay configuration. As this maintenance function is not already accommodated on Airport and through AIP-funding, this maintenance bay is proposed as eligible for AIP funding.
- D. Additional Apparatus Bays: DAL maintains operational readiness on a third response truck (Red 3), as well as a reserve vehicle, to provide additional response capability and maintain Index rating, should either of the primary vehicles be taken out of service. City of Dallas staffing requirements provide for a mobile Command/Quick-Response vehicle. Three additional vehicle bays, similar in size and configuration, are included in the program to accommodate these functions. This will allow DAL to co-locate all response equipment in one location, increasing responsiveness and improving efficiencies, while decreasing weathering and deterioration rates on the vehicles, extending useful life. DAL will not be seeking AIP funding for these spaces.
- E. Foam Agent Storage: Space is included in the program as required to store foam agent used on the ARFF response vehicles. Space should be located adjacent to the vehicle apparatus bays, as well as the exterior, to facilitate delivery and loading of material. DAL generally utilizes 4x4x4 reinforced totes for foam supply, in addition to traditional 55-gallon drums. Space is required for structured storage and access. Spill containment should be accounted for in design of this space. Space is sized at a minimum to store the capacity of foam to fill Index vehicles with twice their assigned capacity. DAL and City of Dallas requires additional foam storage to account for twice the capacity of all four assigned vehicles, approximately 3,200-gallon of foam. This space is sized in accordance with FAA standards and is proposed as eligible for AIP funding.
- F. Complimentary Agent Storage: Space is included in the program to store dry chemical agent consistent with FAA standards. This space should be located adjacent to the vehicle apparatus bays, as well as the exterior, to facilitate delivery and loading of material. Dry agent is stored in 50-gallon buckets and space is required for structured storage and access. This space is sized in accordance with FAA standards and is proposed as eligible for AIP funding.

- G. Self-Contained Breathing Apparatus (SCBA) Room: Space is included in the program for a separate SCBA room, allowing for tank refill and repair, as well as storage. Room should be located to an exterior wall. This space is sized in accordance with FAA standards and is proposed as eligible for AIP funding.
- H. Workshop: Space is included in the program for a workshop area, including staff office, vendor conference, reference material library and work area, as well as a tools and parts storage space, including structured storage, racks, and cabinets. The workshop is indicated as two separate spaces on the program, each intended to be co-located near the maintenance bay and have lockable/controlled entry. These spaces are sized in accordance with local City of Dallas standards for staffing and operational structure to maintain the vehicles stationed. These spaces are proposed as eligible for AIP funding.
- I. Hose Dry Room: Space is included in the program for a Hose Dry Room. Space is designated for hose and drying racks. This space is sized in accordance with FAA standards and is proposed as eligible for AIP funding.
- J. Emergency Generator: Space for an emergency generator is included. The generator room is sized to support the full operating load of the ARFF station to support emergency response and in accordance with FAA standards. City of Dallas standards will indicate the location of the generator to be interior to the Station and on an elevated mezzanine. AIP allows for one generator for an ARFF station. This space is sized in accordance with FAA standards and is proposed as eligible for AIP funding.
- K. Electrical Room: Electrical room is support space required to operate an ARFF facility. Programmed space is reasonable for the size and function of this ARFF station. Actual size and configuration of the space will be refined during design as specific electrical requirements for the facility are determined. This space is proposed as eligible for AIP funding.
- L. Apparatus Bay Storage: The FAA AC recommends 10% of the total bay area be included in the program to provide for miscellaneous vehicle and support storage. DAL currently maintains a minimum of 6 wheels/tires for the ARFF apparatus and this space is provided to account for these and other large storage needs. This space is sized in accordance with FAA standards and based on the Index required bays and maintenance bay only. This space is proposed as eligible for AIP funding.
- M. Personal Protective Equipment (PPE) Gear Lockers/Room: Turn-out (PPE) gear is provided for each individual firefighter. Space needs to be located near the vehicles. DAL

operations dictate that personnel store their gear in lockers when off-duty. On-duty personnel typically relocate their gear from the locker to the ARFF vehicle to facilitate responsiveness. Space for storage of the PPE gear should accommodate all current firefighters and anticipate realistic growth in numbers of personnel. Space indicated to be provided for storage of the gear is 2.5' x 3.0' feet per firefighter. An additional 6 square feet per firefighter should be provided in front of the locker. This equates to 13.5 square feet minimum per locker/per firefighter. This space is sized in accordance with FAA standards to support staff of 30 persons and is proposed as eligible for AIP funding.

- N. Medical Decontamination Room: This space should be located to allow for ease of access by firefighting personnel upon return from an incident. This room typically requires a double sink, shower, and drying area to facilitate clean-up. This space is sized in accordance with FAA standards and is proposed as eligible for AIP funding.
- O. Gear Wash/Drying Room: The Gear Wash/Dry room is recommended to be a minimum of 200 square feet. A PPE gear washer/extractor, as well as a drying cabinet, capable of drying PPE liners may be located within this space. Hose drying racks and cabinets would locate in the separate hose dry room, so this space is programmed as the minimum recommended. This space is sized in accordance with FAA standards and is proposed as eligible for AIP funding.
- P. De-Contamination Restrooms: It is logical to provide a designated set of restrooms for staff adjacent to the decontamination room to facilitate cleaning upon return from an incident. Space is provided in the program in accordance with City of Dallas standards and normal ARFF operational requirements. City of Dallas life safety requirements include designation and design of storm shelter protection for occupants to an interior portion of the building. This space will be designed to meet this standard. As such, this space is proposed to be eligible for AIP funding.
- Q. First Aid/Medical Storage: Space is included in the program for a First Aid room, intended for minor treatment of firefighters and for secure storage of medical supplies. Room should be in the central core of the facility and as part of the storm shelter design. Space may satisfy function as a lactation/nursing room. This space is sized in accordance with FAA standards and is proposed as eligible for AIP funding.
- R. Laundry Room: Programmed space to include a washer and dryer for firefighter clothing and other station laundry. This space is programmed at 140 square feet, above the 100 square feet indicated by the FAA AC. Eligibility request for this space is accordingly pro-rated.

- S. Janitor's Closet: A separate space is included in the program for a Janitor's Closet on the apparatus side of the facility for cleaning supplies, mops, and would include a mop sink and hot/cold water. This space is sized in accordance with FAA and DAL standards and is proposed as eligible for AIP funding.
- T. Watch Alarm Room: Space is included in the program for a Watch Room. This room serves as the eyes of the facility and should be located with unobstructed views to the airfield and to the vehicle apparatus bays. This room may serve as back-up for dispatch and communications and will have direct contact with the air-traffic control tower. At DAL, this room is sized at 250 SF to adequately serve operational requirements and meet City of Dallas minimum standards. This space is proposed as eligible for AIP funding.
- U. Watch Room Lavatory: The Watch Room is continuously staffed, and lavatory facilities should be provided to minimize time away from the Watch Room function. Lavatory should be fully accessible to meet ANSI/ADA standards and will provide sink and toilet fixtures. This program provides space for a lavatory adjacent to, but outside of, the Watch Room, so that this space will be available to all occupants of the building. DAL is programming individual lavatory and restroom spaces, moving away from communal facilities to better provide full accommodation to changes in firefighter staffing. This space is proposed as eligible for AIP funding.
- V. Day Room: The FAA AC recognizes the need to provide quality and variety within the administrative and living area of the ARFF building. These rooms generally consist of the living and eating spaces, such as the Day Room, Kitchen and Dining areas. These spaces are co-located for efficiency of layout and located with access to the apparatus bays and views to the airfield. These spaces are generally located away from dormitory spaces to manage noise transmission into quiet areas. The Day Room is sized based on the number of firefighters for a single shift plus some allowance for shift change holdovers and visitors and should accommodate television and chairs for each individual firefighter. The City of Dallas standard is to account for 20 persons in sizing this space as well as a minimum room size of 600 square feet. This program sizes the Day Room at 400 square feet, accounting for 20 persons. This is slightly above FAA standard of 360 square feet for the room. Eligibility request for this space is accordingly pro-rated.
- W. Kitchen: The kitchen is programmed to provide space for meal preparation for a full shift plus a few holdover or visitors. Space must account for refrigeration, cooking, and cleaning appliances. It must include space for pantry and cabinets for food and utensils storage. The City of Dallas life safety code will consider the kitchen a type 2 residential kitchen, as meals are only prepared for the staff and not for public consumption. However, the kitchen

- should be designed to include hood and fire suppression for the cooking surface and include emergency shunt device to turn the cooking appliances off in the event of an incident response. For DAL, the kitchen is sized at 500 square feet and falls in the middle of the FAA AC standard. This space is proposed as eligible for AIP funding.
- X. Dining Room: This space is sized for a single shift and a couple of holdovers for a total of 12 persons. This meets City of Dallas standards and is consistent with FAA standards. This space is proposed as eligible for AIP funding.
- Y. Dormitory Space: The ARFF is staffed and occupied on a 24-hour basis. As such, sleeping arrangements are required to be provided. The approach to sleeping quarters varies greatly from station to station, balancing the need for efficient use of space with needs for privacy and to accommodate staff of both genders. The program for dormitory space at DAL accounts for three rooms, each being a four-bed arrangement of 300 square feet. This is consistent with City of Dallas station standards and meets staffing requirements for this ARFF. The total square footage allocated to dormitory falls under allowable FAA standards. This space is proposed as eligible for AIP funding.
- Z. Firefighter Locker Room: Locker space is needed to provide each individual firefighter private storage for his/her clothing and toiletries. The FAA AC provides for 15 square feet for locker space per firefighter. Space must be provided for the full staffing assignment of 30 firefighters. This space is sized in accordance with FAA standards and is proposed as eligible for AIP funding.
- AA. Firefighter Lavatories/Toilets/Showers: Facilities should be fully accessible to meet ANSI/ADA standards and will provide sink and toilet and shower fixtures and include space for dressing. Spaces are preferred to be located near the dormitory and living space. DAL is programming individual lavatory and restroom spaces, moving away from communal facilities, for efficiency in space and to better provide full accommodation to changes in firefighter staffing. Spaces will be accessible to all station personnel. Three rooms are programmed at 100 square feet each. This space is proposed as eligible for AIP funding.
- BB. Training Room: A Training Room is included in the program to support firefighter learning, certifications, group meetings, and may also serve as a large command and incident response space. The FAA AC requires 48 square feet of space per firefighter per shift. For DAL, a total of 30 firefighters sizes this space at 1,296 square feet. This space is sized in accordance with FAA standards and is proposed as eligible for AIP funding.

- CC. Training Room Storage: Space is programmed to provide storage for chairs, tables, supplies, etc. As the AIP Handbook does not consider storage space eligible for funding, DAL will not be seeking AIP funding for this space.
- DD. Computer Study: A separate space for two workstations for individual study and testing is provided for in the program. This space is proposed as eligible for AIP funding.
- EE. Exercise Room: Firefighters are required to maintain a level of physical fitness. An exercise room is programmed to be consistent with FAA and City of Dallas physical fitness requirements. This space is sized to accommodate 50% of a single shift at any one time and to account for equipment and general stretching and exercise. The City of Dallas standard is 600 square feet for this space. As the AIP Handbook does not consider exercise space eligible for funding, DAL will not be seeking AIP funding for this space.
- FF. Officer/Administrative Spaces: Spaces for station officers and administrative personnel are as required for the DAL staffing profile. These spaces include: Battalion Chief office, Driver/Engineer office, Captain/Training Officer office, and one Captain and one Lieutenant offices. Space for both a small and a large conference rooms is included. Rooms are sized in accordance with City of Dallas standards. The AIP Handbook does not consider office space eligible for funding; DAL will not be seeking AIP funding for this space.
- GG. Administrative Department File Room: The FAA AIP Handbook does allow up to 2 desks and 250 square feet of space for a work or file room. This space is sized in accordance with FAA standards and is proposed as eligible for AIP funding.
- HH. Entry Vestibule: The ARFF facility is proposed to be located with both airside and landside approach. The program provides for minimal space for a publicly accessible landside entry vestibule, providing a main building entry point with access for visitors, deliveries, and cover during inclement weather. The design of the ARFF station should account for controlled access between the vestibule and the remainder of the building and would connect directly to the main building circulation. This space is proposed as eligible for AIP funding.
- II. Janitor's Closet: A separate space is included in the program for a Janitor's Closet on the living side of the facility, as the type of soil and cleaning required is different from the apparatus bay area. Space should be provided for cleaning supplies, mops, and would include a mop sink and hot/cold water. This space is sized in accordance with FAA and DAL standards and is proposed as eligible for AIP funding.

- JJ. Mechanical, Fire Riser, Telecommunications Rooms: Programmed space to support building systems needed to make the ARFF station functional and occupiable. Programmed space is reasonable for the size and function of this facility. Actual size and configuration of the space will be refined during design, as specific equipment and system requirements are determined. Since portions of the ARFF program are not considered eligible for funding with AIP, these support spaces are pro-rated and proposed as eligible for AIP funding in accordance with the overall percentage of eligible and non-eligible space.
- KK. Trash Recycling: Space is programmed for the ARFF facility to collect, store, and recycle waste. This space is sized in accordance with FAA and DAL standards and is proposed as eligible for AIP funding.
- LL. Walls, Corridors, Circulation: Additional space is programmed beyond the net room space sizing to provide for the physical construction of the building rooms and for personnel circulation, access, and egress through the ARFF facility. Specifically, this programmed space accounts for building structure, exterior enclosure walls, interior room partitioning, mechanical and plumbing chases required for piping and ductwork to support building systems, corridors and hallways for circulation, access, and emergency egress and other required clearances. A number of these items are defined in Chapter 4-3 of the FAA AC. For instance, corridors may be sized at 5 or 6 feet clear in locations to facilitate firefighter movement between occupied spaces and the ARFF apparatus to speed response time. A general rule of thumb of 20% of the overall programmed space, excluding the apparatus bays, is used to quantify this space need. As such, only 20% of the proposed AIP eligible room spaces is used to quantify the proposed wall and circulation space eligible for AIP funding.



## 4. SYSTEM NARRATIVES

### 4.1 CIVIL

#### A. Scope

1. The purpose of this document is to describe the program intent in sufficient detail to serve as the basis for the project design and contract documents to be prepared in a following project phase.
2. This Basis of Design (BOD) defines the civil and site components for new the facility.
3. The proposed building will house both ARFF and Airside Operations staff and their vehicles and equipment in support of the Dallas Love Field air carrier operations and Part 139 certification.
4. The City of Dallas contracted with Ricondo & Associates, Inc. to conduct an *Aircraft Rescue and Firefighting (ARFF) Facility Siting Study*, which was completed in July of 2019. In that study, the preferred general location for the facility was determined to be located on the west side of the airfield, near the Exxon and TEXTAR Aviation leaseholds, west of the terminal. The exact site location is being finalized as part of the ongoing Crossfield Taxiway project, currently in the preliminary engineering phase. The proposed location for the new ARFF station is identified as preferred option 5 (see Fig. 4-1). This site has been coordinated with the concurrent planning and design for the Crossfield Taxiway project establishing new alignments for Taxiways E and F and for Taxilane W. It is assumed the new ARFF station will be a drive-through bay arrangement. Access to the airfield will be via new apron pavement connecting to Taxiway F and return apron pavement providing connection to Taxilane W.
5. The identified location for the new ARFF will require minimal demolition. All pavements, access, fencing, utilities, landscaping, etc. will need to be developed to support the new facility. The scope of this programming document assumes all site utilities will be brought within 5-foot of the proposed ARFF building as part of the Crossfield Taxiway development project and are excluded from this program. The scope assumes the landside access road will be developed into the ARFF site as part of the Crossfield Taxiway development project and is excluded from this program. All building apron pavements and parking lot pavements are assumed to be developed as part of the ARFF building design and are included in this program. Utility connections, meters, etc. are assumed to be developed as part of the ARFF building design and are included in this program.

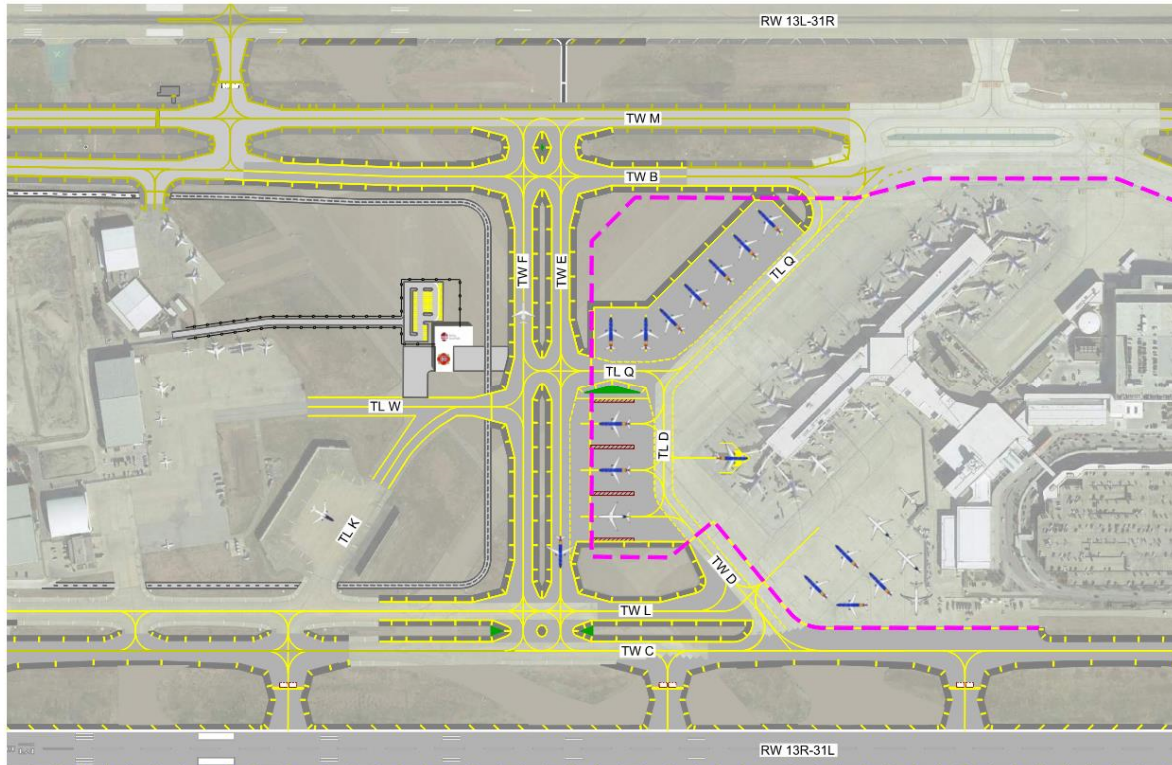


Figure 4-1 Preferred ARFF Location Option 5

## B. Codes and Standards

1. For the civil/site design elements of the new ARFF station, the following design guidelines are to be considered:
  - a. Dallas Water Utilities, City of Dallas, Water and Wastewater Procedures and Design Manual.
  - b. City of Dallas Airport System, Design and Standards Manual, October 2009.
  - c. City of Dallas Street Design Manual, September 2019.
  - d. City of Dallas Drainage Design Manual, September 2019.
  - e. City of Dallas, Fire Station Building Design Standards Program, November 9, 2018.
  - f. 2010 ADA Standards for Accessible Design.
  - g. FAA AC 150/5210-15A - Aircraft Rescue and Firefighting Station Building Design, September 10, 2008.

C. Utilities

1. Know existing underground utility lines along Love Field Drive are City of Dallas-owned and include:
  - a. Water
  - b. Sanitary sewer
2. Storm sewer structures are located near and adjacent to the proposed ARFF site, inside and outside of the Airport operations area (AOA) perimeter fence. No airfield lighting or FAA utilities are located within the current identified project limits.
3. The construction of the new facility will require extending existing water, sanitary sewer, and electric utilities into the ARFF site. In addition, an AT&T communication line, as well as the Airport's fiber optic loop, will need to be extended to the proposed facility.
4. Storm drainage shall be designed in accordance with the procedures specified in the City of Dallas Storm Water design requirements

D. Pavement

1. Landside pavement (bituminous concrete) will be designed per City of Dallas Street Design Manual.
2. Per FAA Advisory Circular 150/5210-15A, the ARFF station apron strength shall match the vehicle room floor strength for a least one vehicle length beyond the bay door. The apron shall be constructed of Portland Cement Concrete (PCC) pavement. Apron width and length will be as indicated in the Advisory Circular.

E. Fencing

1. Site and perimeter security fencing will be added and modified to include the new building within the airport secure AOA. The fence will meet FAA and DAL standards for height and barbed wire.
2. Fencing is proposed to run along either side on the new entry road and landside parking lot configuration and tie directly into the building on both its north and south ends. Access control will be provided at the building.
3. A new vehicle access gate is proposed between the landside and the ARFF vehicle return apron.

F. Recommendations

1. Provide new airside vehicle drive pavements to connect the facility to new proposed taxiways and taxilanes.
2. Provide new landside access road into the facility.
3. Provide adequate parking for employees and visitors.
4. Provide sewer, water, fire water, gas, electrical and communications utility services and required utility yard.
5. Provide perimeter lighting.
6. Provide limited, low-maintenance landscaping around new facility.
7. Provide necessary site drainage, storm water and erosion control.
8. Provide perimeter fencing and AOA gate access.
9. Provide adequate circulation to accommodate delivery trucks.
10. Provide enclosed area for trash containment.
11. Provide apron and approach for Penetration Aircraft Skin Trainer (PAST) training.

4.2 STRUCTURAL

A. Scope

1. The purpose of this document is to describe the program intent in sufficient detail to serve as the basis for the project design and contract documents to be prepared in a following project phase.
2. This Basis of Design (BOD) defines the structural components for new the facility.
3. The proposed building will house both ARFF and Airside Operations staff, vehicles, and equipment in support of the Dallas Love Field air carrier operations and Part 139 certification.

B. Codes and Standards

1. The following codes and standards will be used for the structural design of the project:
  - a. International Building Code (IBC), 2015 Edition with City of Dallas Amendments.
  - b. American Society of Civil Engineers (ASCE) 7, Minimum Design Loads for Buildings and Other Structures.<sup>1</sup>
  - c. International Code Council (ICC) 500, Standard for Design and Construction of Storm Shelters.<sup>1</sup>

<sup>1</sup>. The edition of the standard will be the edition referenced in the noted edition of the International Building Code.

- d. American Concrete Institute (ACI) 318, Building Code Requirements for Structural Concrete.<sup>1</sup>
- e. American Institute of Steel Construction (AISC) Specification for Structural Steel Buildings, AISC 360.<sup>1</sup>
- f. Concrete Masonry: Building Code Requirements for Concrete Masonry Structures, American Concrete Institute (ACI) 530.<sup>1</sup>

C. Design Criteria and Descriptive Specification

- 1. Concrete: Normal weight Portland cement concrete with 3" to 7" slump, depending on the application. Minimum 28-day compressive strength:
  - a. Drilled Piers 4,000 psi
  - b. Auger-Cast Piles 4,000 psi
  - c. Grade Beams, Pilasters, and Piers Caps 4,500 psi
  - d. Slab-on-Grade 4,000 psi
  - e. Slab-on-Void 4,000 psi
  - f. Elevated Slabs 4,000 psi
  
- 2. Reinforcing Steel:
  - a. Deformed Bars (typical) ASTM A615, Grade 60
  
- 3. Structural Steel:
  - a. Wide-Flange Shapes ASTM A992
  - b. Steel Angles, Channels, Plates ASTM A36
  - c. Steel Tubes (HSS) ASTM A500, GR B (46 ksi)
  - d. Steel Pipe ASTM A53, GR B or A500, GR B
  - e. Field Bolted Connections ASTM F3125, GR A325 Bolts
  - f. Anchor Rods ASTM F1554, GR 36
  - g. Welding E70XX per AWS D1.1

<sup>1</sup>. The edition of the standard will be the edition referenced in the noted edition of the International Building Code.

4. Composite Steel Deck:
  - a. 2-inch or 3-inch deep, 20 GA, 12-inch rib pattern. ASTM A653, G60 Galv. finish.
5. Steel Roof Deck:
  - a. 1-1/2-inch, 20 GA, Type B (wide rib) roof deck. ASTM A653, G60 Galv. finish.
6. Concrete Masonry Units (CMU):
  - a. Masonry Wall Compressive Strength ( $f'_m$ ): 2,000 psi
  - b. Mortar: ASTM C270, Type S
  - c. Masonry Unit: ASTM C90, 1900 psi net area compressive strength
  - d. Grout: ASTM C476,  $f'_m$  2,000 psi min.
7. Design Loading
8. Dead Loads:
  - a. Design dead loads for the structural frame will include self-weight of the structural elements and the following superimposed dead loads:
    - 1) Ceiling and Mechanical at Roof: 10 psf
    - 2) Roofing and Rigid Insulation: 15 psf
    - 3) Ceiling and Mechanical at Floors: 5 psf
9. Live Loads: Based on the anticipated functions to be contained in the building, the following superimposed live loads will be utilized in the design of the structural frame.
  - a. Apparatus Bay: 250 psf uniform/ HS20-44
  - b. Mechanical Rooms: 150 psf
  - c. Public Areas, Corridors, Lobbies at ground level: 100 psf
  - d. Partitions at areas with less than 80 psf live load: 15 psf
  - e. Restrooms: 60 psf
  - f. Roofs (unreduced): 20 psf
  - g. Stairs: 100 psf
  - h. Storage (minimum) – PPE Gear and Decontamination: 150 psf

10. Wind Loads: Wind loads will be determined per ASCE 7 using the following anticipated parameters.

Typical Building (Non-Storm Shelter)

- a. Wind Speed (3-sec gust): 120 MPH
- b. Exposure Category: C
- c. Enclosed Structure/Partially Enclosed Structure

Storm Shelter

- a. Wind Speed (3-sec gust): 250 MPH
- b. Exposure Category: C
- c. Enclosed Structure/Partially Enclosed Structure

11. Seismic Loads: Seismic loads will be determined per ASCE 7 using the following anticipated parameters.

- a. Site Class: D
- b. Seismic Design Category: A
- c. Seismic Importance Factor: 1.25
- d. Response Modification Factor: 3

- D. Building Superstructure: The superstructure of the building must be adequate to resist the applied design loading, satisfy the performance criteria for such items as deflection and vibration control, and accommodate the architectural design. For this building, the following structural systems are recommended.

1. Ground Level Structures:

There is no current site-specific geotechnical report available for the proposed facility yet. But based on our experience in the area there are several foundation options that can be constructed, and each have positives and negatives associated with each system (i.e., initial cost, maintenance costs and ability to access under slab utilities). The apparatus bays will usually have a heavier structural system compared to the support and office areas. Several ground level structure options are as follows:

Base Option (Structured Slabs): It is anticipated the ground floors will consist of a structural slab over carton void forms. The void depths are likely to be 12". The slab will be placed over a 15 mil, Class A vapor retarder. Perimeter grade beams will be isolated from the subgrade with 8" to 12" deep carton void forms, and soil

retainers each side to prevent soil from entering the void space. Additional deep foundations and thickened slab elements are anticipated between major columns to keep the slab depth at this thickness.

Additionally, interior grade beams are anticipated to occur between interior steel bracing foundations and around the perimeter of the load bearing storm shelter walls. Intermediate structural beams are expected within the apparatus bays to reduce the spans of the structural slab.

This is generally a more expensive option than a slab-on-grade foundation with subgrade preparation. However, it does provide a smaller potential of differential movement of the foundation. Underground utilities are less accessible as compared with a slab-on-grade since removing certain portions of a structural slab may compromise the structural integrity of the slab.

Alternate Option (Slab-on-Grade): An alternate option for a ground floor would be reinforced slab-on-grade, over prepared subgrade. Subgrade preparation could consist of a minimum of 10- to 12-foot removal of onsite expansive soils and replacement with a combination of moisture conditioned on-site soil and a 1 or 2-foot select fill or flexible base cap. The slab-on-grade would be placed over a 15 mil, Class A vapor retarder. Perimeter grade beams would be isolated from the subgrade with 8" deep carton void forms, and soil retainers each side to prevent soil from entering the void space.

This is possibly the most cost-effective option up front. One of the disadvantages to this system is that the underground utilities are resting on the soil below the slab, and there is the potential the PVM could cause damage to these utilities. One advantage is the slab-on-grade provides access to these utilities by simply removing and replacing the slab in these locations. There are also several practical benefits of a soil supported slab such as the construction of grade changes as opposed to a structurally suspended slab.

Since this site has expansive clay soils, the necessity for the Owner to be involved in quantifying the degree of foundation and slab movement that will be acceptable is an essential part of a successful design. The Owner's performance expectations combined with past experiences will greatly influence the selected subgrade preparation for slabs.



2. Typical Roof Structures:

- a. It is anticipated the roof framing will consist of 1.5" deep x 20 gage steel roof deck, open-web steel bar joists, and steel girders. Wide-flange, tube steel, and pipe columns will be used to support the superstructure.

3. Miscellaneous:

- a. Masonry screen walls around delivery areas and mechanical yards are anticipated.
- b. All embedded plates in concrete, exposed structural steel (exposed to weather), and shelf angles, etc. will be hot-dipped galvanized.
- c. Structural stoops consisting of cantilevered floor structure or grade beams and piers will be provided at building entrances to eliminate pavement heave in front of doorways.

E. Foundation

1. The foundation for the building will be designed in accordance with the final Geotechnical Engineering Report prepared specifically for this site. Based upon our previous experience, it is anticipated the foundation system will consist of drilled, straight shaft bearing at a depth of approximately 55- to 70-feet below grade in Gray Limestone. Typical piers will be approximately 36-inches in diameter, with 15-feet of penetration into the bearing strata. Temporary steel casing for pier installation is anticipated.
2. Considering the deep sand layers that exist in this area, auger cast-in-place place piles may be a viable option and they have been used extensively on the Airport's property. Conversely, if the first clay layer is thick enough above the sand layer, belled piers, approximately 24-inches in diameter with a 3:1 bell to shaft ration may be viable.

F. Lateral Stability

1. The lateral stability of the building will be provided by rigid steel frames. Steel bracing will be located to have minimal impact on the architectural configuration of the building and concrete masonry shear walls will be used where necessary. With varying heights and multiple roofs, transfer bracing may also be utilized.

G. Storm Shelter

1. The storm shelter(s) are planned to be an independent structural system encased within the main building. The foundation elements are described above.
2. The walls are planned to be 8- to 12-inches CMU elements. The walls are required to be fully grouted and reinforced in every cell per ICC-500 requirements.
3. It is anticipated the roof structure will consist of 5-inches normal weight concrete slab over 3-inches composite steel deck, supported by steel beams.

4.3 ARCHITECTURAL

A. Scope

1. The purpose of this document is to describe the program intent in sufficient detail to serve as the basis for the project design and contract documents to be prepared in a following project phase.
2. This Basis of Design (BOD) defines the architectural components for new the facility.
3. The proposed building will house both ARFF and Airside Operations staff, vehicles, and equipment in support of the Dallas Love Field air carrier operations and Part 139 certification.

B. Codes and Standards

1. The codes and standards in effect and enforced by the City of Dallas shall be used during design of the project. As currently understood, these codes and standards are as identified in Section 2.3 of this report.

C. Design Criteria and Material Approach

1. The exterior envelope will be determined as part of the design effort for this facility. It is assumed the envelope will consist of a mix of masonry veneer and insulated metal panel construction type, with an insulated cavity, air barrier and masonry and/or metal stud backup wall construction. Generally, masonry materials will be utilized in the apparatus bays and storage/support areas for durability, longevity, and ease of maintenance.
2. Insulation values will comply with applicable code requirements and with the high-performance standard reference. Roof system will be determined as part of the design effort for the facility. It should be an insulated roof system with a durable

- and minimal maintenance covering system. Trim and flashing systems will comply with NRCA standards. FM Global criteria are not anticipated to be required.
3. Exterior window systems will be determined as part of the design effort for this facility. Window systems should be constructed from thermally broken aluminum storefront and curtain wall systems with insulated low-E glazing.
  4. The building main entrance will be constructed with thermally broken aluminum storefront entrance system with insulated low-E glazing.
  5. Exterior personnel/secondary entrances will be painted, welded hollow metal frames, and insulated hollow metal doors with heavy duty hardware. Access control systems will be installed at locations identified during design and including locations to establish a consistent and continuous AOA control.
  6. Vehicle bay doors will be 18' x 18' minimum insulated pair of vertical bi-parting doors, consistent with city of Dallas standards. Doors will be tied to response alarm system for automatic opening and closing.
  7. Exterior finish colors will be consistent with other Airport campus structures.
  8. Interior walls in the hot zone and transition zone may be constructed from 8-inch reinforced concrete masonry.
  9. Interior walls in the house zone may typically be constructed from nominal 4" and 6" metal studs and gypsum board assemblies or 8" reinforced masonry, depending on location and use. Walls may be insulated where needed for sound and temperature control. Wall finishes may be painted and have resilient base.
  10. Wet areas, restrooms, etc. may have porcelain tile walls and floors or sealed concrete floors, depending on function. Toilet partitions and screens may be wall and floor mounted hung stainless steel or plastic laminate material. Countertops may be solid surface or quartz material. Toilet accessories will be stainless steel or other material consistent with Airport and DFR standards.
  11. Ceilings should be exposed in Apparatus Bay Areas.
  12. Interior floor finishes in the administrative area may be carpet tile, resilient or other material consistent with space function.
  13. Floors in the vehicle bays and gear wash and support areas may have an epoxy or aliphatic urethane type finish.
  14. Exposed concrete floors, sealed with hardener/dustproof, may be utilized in general janitors, mechanical, service and support rooms.
  15. Interior ceilings in the house area may consist of a suspended 2' x 2' acoustical ceiling panel and grid system with painted gypsum board soffits where required.
  16. Interior casework should be custom grade plastic-laminate clad. Countertops may be either plastic-laminate or solid surface appropriate to application.
  17. Interior room signage will be as required by Airport and accessibility requirements.

18. ARFF kitchen will include energy efficient heavy-use residential grade appliances. Specific appliances to be determined during design. An automatic gas shunt trip will be provided to appliances and tied to response alarm.
  19. ARFF laundry will include heavy-use residential grade clothes washer and dryer.
  20. ARFF equipment may include:
    - a. PPE Gear Lockers
    - b. Gear Wash Table
    - c. Gear Washer/Extractor
    - d. Gear/Hose Drying Cabinet
    - e. Hose Turntable
    - f. Hose Storage Rack
    - g. Workbench
    - h. Storage Cabinets
    - i. Air Compressor
    - j. SCBA Air Refill Station
    - k. SCBA Cylinder/Tank Storage Rack
    - l. Ducted Vehicle Exhaust/Air Scrubber System
  21. Interior furnishing requirements are to be determined. Furnishings for the building are not typically eligible for AIP funding. These items typically include chairs, tables, desks, exercise equipment and other loose furnishings.
  22. Airside Operations furnishings and equipment are not eligible for AIP funding.
  23. Proposed approach to furnishings, fixtures, and equipment (FF&E) will be reviewed with the Airport during Design Development.
- D. A space adjacency matrix has been developed for both the ARFF and the Airside Operations programs. This matrix focuses on functional and operational relationships and indicates which spaces should be located near to each other. This matrix will be utilized to inform the building design phase of the project development. A bubble diagram has also been created, to simply illustrate the major spaces, relationships, and suggested flow within and through the proposed new facility. This serves as a graphic representation of the building program. These items are attached in Appendix D of this document.

#### 4.4 INTERIOR SYSTEMS

##### A. Scope

1. The purpose of this document is to describe the program intent in sufficient detail to serve as the basis for the project design and contract documents to be prepared in a following project phase.
2. This Basis of Design (BOD) defines the interior components for new the facility.
3. The proposed building will house both ARFF and Airside Operations staff, vehicles, and equipment in support of the Dallas Love Field air carrier operations and Part 139 certification.
4. The total space program for DAL Station 21 is approximately 37,000 to 38,000 square feet. The interior of the space must adhere to the FAA Advisory Circular AC 150/5210-15A *Aircraft Rescue and Firefighting Station Building Design* as well as The City of Dallas Fire Station Building Design Standards Program.
5. The primary objective of this ARFF station is to support the firefighting personnel in their daily operations and minimize their response time to airfield incidents. The interior design of the space should aid in this mission by providing a smooth, efficient, and cost-effective way to promote personnel safety and to ease their movements throughout the building and specifically to the ARFF apparatus.
6. The interior of the space should support a staff of 30 personnel.
7. The finishes for Station 21 must be durable and meet the specific guidelines for each space as necessary. The design goal for DAL ARFF Station 21 is to withstand wear and tear for the next 50 years and achieve LEED Gold certification.

##### B. Design and Materials Approach

1. The ARFF station is generally divided into multiple interior zones: the apparatus bays and functional response areas identified as a “Hot” zone, a support area or dirty area identified as a “Transition” zone, and the living or clean space identified as the “House” zone.
2. Generally, it is recommended the station be designed to be a single level and avoid the need for stairs, elevators, and fire poles. This will reduce opportunity for potential injury, increase occupant safety, and speed firefighter response time.
3. The ARFF station must provide a means of exhausting vehicle fumes from the interior into the external environment to prevent exposure to staff and long-term deterioration of materials and finishes and prevent contamination of living and sleeping spaces. Carbon Monoxide detectors must be used in the living quarters.

4. Selection of quality materials will reduce the overall maintenance cost of the building. The interior design of rooms with specific functional requirements must be purposeful in layout and arrangement of space and utilize easy-to-clean and maintain materials. Wall and ceiling materials and finishes should be highly durable and easy to clean with long-term maintenance-free qualities.
5. The vehicle apparatus bays should have flooring that is durable, resistant to fuels, foam, and other potential contaminants, is easy to clean, and provides good traction for station personnel as they move quickly to and around the vehicles. An aliphatic urethane, or similar floor coating, stained or sealed concrete flooring are the most common and acceptable flooring for high traffic areas and the apparatus bays and other areas exposed to fuels and contaminants. Other flooring types that pass commercial code standards are acceptable in medium to low traffic areas within the living quarters with no exposure to ARFF vehicles and equipment. All flooring and trim must be easy to clean.
6. Adequate lighting sources should be used in accordance with the function of the space. Lighting must support the mission and function of each space and provide both general and task illumination. Lighting for security in and around the facility is required. Spaces should make use of natural daylighting, as much as possible and provide daylight equity for all occupants.
7. Due to increased noise levels, placement of spaces within the building relative to the active airfield must be considered. Noise abatement techniques and treatments should be incorporated into the design of the rooms, walls, ceilings, and other materials. Minimizing sound transmission within a space, and between spaces, will promote a good acoustic environment, and promote good, clear communications within the building.
8. Consideration of energy efficient materials and systems must be part of the design intent. Reducing energy consumption and promoting energy cost savings are key tenants to meeting the long-term effectiveness of the building and in meeting required LEED certification standards.
9. The building must be designed to be accessible for physically handicapped personnel and visitors. Compliance with ANSI A117.1 *Standard on Accessible and Useable Buildings and Facilities*, the *Architectural Barriers Act*, and with the *Americans with Disabilities Act Architectural Accessibility Guidelines (ADAAG)* as incorporated by the Texas ADAAG are a minimum standard for design.

#### 4.5 FIRE ALARM SYSTEM

##### A. Scope

1. The purpose of this document is to describe the program intent in sufficient detail to serve as the basis for the project design and contract documents to be prepared in a following project phase.
2. This Basis of Design (BOD) defines the fire alarm system for new the facility.
3. The proposed building will house both ARFF and Airside Operations staff, vehicles, and equipment in support of the Dallas Love Field air carrier operations and Part 139 certification.
4. The Fire Alarm System encompasses all required alarm, detection, initiation, and notification functions required to satisfy the City of Dallas code requirements and NFPA standards. The building fire alarm system will stand alone and will operate independently of the existing terminal fire alarm system network.

##### B. Codes and Standards

1. The fire alarm system will be designed in compliance with the following codes and standards:
  - a. International Building Code, 2015 edition with amendments.
  - b. International Fire Code, 2015 edition with amendments.
  - c. International Mechanical Code, 2015 edition with amendments.
  - d. NFPA 70, National Electrical Code, 2014 edition.
  - e. NFPA 72, National Fire Alarm and Signaling Code, 2013 edition.
  - f. Texas Accessibility Standards (TAS).

##### C. Fire Control Panel

1. The new fire alarm system will be an intelligent addressable fire alarm control panel. All fire alarm system event reporting will be monitored via an offsite central station monitoring service. The facility fire alarm system will consist of a new control panel and remote auxiliary power supplies for audible and visual notification appliances. The main fire alarm control panel (FACP) should be in a secure room with a remote annunciator near the building's main entrance.

D. Power Source

1. The primary power source to the FACP, remote annunciator(s), and remote auxiliary power supplies will be provided via dedicated circuits from the building's normal or emergency electrical distribution system. Secondary power for the fire alarm system will consist of internal back up batteries. Back up batteries will be sized to provide at least 24-hours of continuous operation in standby mode and 5-minutes of continuous operation in alarm mode.

E. Initiating Devices

1. Automatic and manual means of fire alarm activation and system supervision will be provided as follows:
  - a. Manual pull stations shall be provided at each building exit and at exits from each floor.
  - b. Photoelectric smoke detectors shall be provided in the following locations.
    - 1) Above the fire alarm control panel and remote auxiliary power supplies.
    - 2) In Communications Equipment Rooms, two smoke detectors interlocked with the pre-action solenoid releasing module.
  - c. Addressable duct smoke detectors shall be provided on the return side of air handlers over 2,000 CFM capacity. A separate addressable control relay shall be provided to automatically shut down the air-handler on alarm activation of the associated duct detector. A key operated remote test switch for the duct detector shall be provided where the detector is located more than 7ft above floor level.
  - d. Sprinkler water flow switches and valve tamper switches shall be individually monitored via addressable input modules.
  - e. Emergency generator shall be monitored for abnormal conditions in accordance with NFPA 72 and NFPA 110.

F. Notification Appliances

1. The occupant notification system will include an audible signal (i.e., three pulse temporal code) and a visual signal (i.e., strobes). Where occupant notification appliances are in outdoor conditions or exposed to the elements, weatherproof backboxes, appliances and metallic conduit with compression fittings will be used.



2. The audible portion of the alarm notification signal will be delivered through horn and horn/strobe appliances located throughout the building.
3. The visual portion of the alarm notification signal will be delivered via fire alarm strobe appliances. Strobe cover plates shall be red in color with a clear lens and will be labeled "FIRE". The visual portion of the signal will be installed throughout the facility, as required by NFPA 72, Texas Accessibility Standards (TAS) and the Americans with Disabilities Act (ADA).

G. Fire Safety Functions

1. Activation of the fire alarm occupant notification system will mute/deactivate all paging systems, MATV locations and background music.
2. Activation of the fire alarm system will not release or unlock any secured doors, provided the secured door permits free exit from the secure side without any special knowledge.
3. Air-handlers will automatically shut down via addressable control relay upon activation of an associated duct smoke detector. Any smoke dampers will automatically close upon activation of an associated smoke detector.

H. Fire Alarm System Cabling and Raceway

1. All fire alarm system cabling conductors shall conform to the requirements of NFPA 72 and Article 760 of the National Electrical Code. All exposed fire alarm system cabling will be installed in conduit with a minimum diameter of 3/4 inch. Conduit shall enter the panels from the sides or bottom only. Fire alarm conduit shall be labeled in accordance with ANSI/ASME A13.1, and junction box covers shall be red in color. Fire alarm cable shall be labeled and color coded.
2. Flexible conduit shall only be used between the fire alarm junction box and the device back box, such as between the fire alarm junction box and the sprinkler water flow/pressure/ tamper switches. Flexible conduit between fire alarm junction boxes and device mounting boxes shall be a maximum of six feet in length. Flexible conduit, where used, will have a minimum diameter of 1/2 inch.
3. All fire alarm circuits will be designed with sufficient spare capacity to allow for future renovation and expansion

## 4.6 FIRE PROTECTION SYSTEMS

### A. Scope

1. The purpose of this document is to describe the program intent in sufficient detail to serve as the basis for the project design and contract documents to be prepared in a following project phase.
2. This Basis of Design (BOD) defines the fire protection system for new the facility.
3. The proposed building will house both ARFF and Airside Operations staff, vehicles, and equipment in support of the Dallas Love Field air carrier operations and Part 139 certification.
4. The Fire Protection System encompasses all required piping, fittings, valves, and sprinklers to satisfy the City of Dallas code requirements and NFPA standards for a fully sprinklered building. The building fire protection system will be supplied from the public water main.

### B. Codes and Standards

1. The fire alarm system will be designed in compliance with the following codes and standards:
  - a. *International Building Code*, 2015 edition with amendments.
  - b. *International Fire Code*, 2015 edition with amendments.
  - c. *International Mechanical Code*, 2015 edition with amendments.
  - d. NFPA 13, *Standard for the Installation of Sprinkler Systems*, 2016 edition.

### C. Water Supplies

1. Water supply for fire protection systems will be provided by the existing underground public water main distribution system. A fire water tap and take-off from the public water main located near the building will supply the building via minimum 6" diameter lead-in.
2. A hydrant flow test will be conducted to formulate the design basis for water-based fire protection systems. However, the installing contractor will be responsible for obtaining their own water flow test data for hydraulic calculations and submittal shop drawing preparation.

D. Backflow Prevention

1. The public water supply shall be protected from contamination by an approved double check-backflow preventer assembly. It is recommended the backflow preventer be located inside the building. A full-size drain outlet will be provided on the discharge of the preventer for full flow testing as required by NFPA 25.

E. Pipe Supports

1. All systems will be supported per the requirements of NFPA 13. Seismic bracing is not required.
2. All hangers shall be attached to the structure with the appropriate hangers and all-thread rods: 3/8-inch for four inch and smaller piping, and 1/2-inch for six inch and larger piping. Standard hanger ring assemblies will be utilized. All trapeze hangers shall be designed and installed to support the load of the water filled pipe plus 250 pounds. Only one pipe will be supported from each hanger, unless approved by the structural engineer.

F. Fire Sprinkler Systems

1. The fire water lead-in will enter the building underground and will terminate in a floor flange within the fire riser room. The sprinkler contractor's scope-of-work begins five feet beyond the edge of the building foundation.
2. The facility will be protected throughout by automatic sprinklers as noted below:
  - a. Wet-pipe sprinklers will be installed in conditioned areas.
  - b. Dry-pipe sprinklers will be installed in areas or rooms subject to freezing temperatures.
  - c. Pre-action sprinkler systems will be installed in mission critical areas, sensitive electronic equipment rooms, and communications equipment rooms.
3. All fire protection system equipment and components will be UL-listed, or FM approved for their intended use.
4. All areas of the building will be protected by automatic sprinklers designed according to the appropriate occupancy hazard. Sprinkler systems in all areas will be hydraulically calculated to the required design densities and remote areas, with allowances included for combined interior and exterior fire hose demand. Design densities and hydraulic remote areas shall conform to the requirements of NFPA 13 for the applicable occupancy hazard class in each fire area.

5. Sprinkler piping with threaded fittings shall be standard weight Schedule 40 ASTM A53 or ASTM 135 black steel with a CRR value of 1.0 or greater. Welded and roll-grooved pipe may be Schedule 10 ASTM A53 or ASTM 135 black steel.
6. The calculated water velocity in all fire protection piping shall be limited to a maximum of 20 feet per second.
7. Unless otherwise recommended due to adverse environmental conditions or to a specific hazard, sprinklers will be quick response type with ordinary or intermediate temperature rating and with an orientation and finish appropriate to the protected space.
  - a. Sprinklers in finished areas with ceilings will most often be concealed pendent sprinklers with cover plates complimenting ceiling color.
  - b. Sprinklers in unfinished areas will most often be ordinary upright or pendent sprinklers with a rough brass or chrome finish.
8. Drains and Test Connections - All drains and test connections will be hard piped to a sanitary sewer with an air gap.

G. Fire Department Connection (FDC)

1. At least one FDC will be provided for the building fire protection systems. The FDC will be equipped with two 2-½ inch inlet connections. The FDC will be located on the street side of the building or located as otherwise approved by the fire marshal.

H. Exposure Protection

1. There are no known hazards that require exposure protection sprinklers.

I. Corrosion Management Systems

1. All wet-pipe systems will be provided with automatic air release devices.
2. To inhibit internal pipe corrosion, a nitrogen generation system will be provided to pressurize dry-pipe and pre- action systems with dry nitrogen in lieu of compressed air.

#### 4.7 PLUMBING SYSTEMS

##### A. Scope

1. The purpose of this document is to describe the program intent in sufficient detail to serve as the basis for the project design and contract documents to be prepared in a following project phase.
2. This Basis of Design (BOD) defines the plumbing system for new the facility.
3. The proposed building will house both ARFF and Airside Operations staff, vehicles, and equipment in support of the Dallas Love Field air carrier operations and Part 139 certification.

##### B. Applicable Codes

1. 2015 International Building Code with Dallas Amendments
2. 2015 International Plumbing Code with Dallas Amendments
3. 2015 International Mechanical Code with Dallas Amendments
4. 2017 National Electrical Code with Dallas Amendments
5. 2015 International Energy Conservation Code with Dallas Amendments
6. 2015 International Fuel and Gas Code with Dallas Amendments
7. 2015 International Green Construction Code with Dallas Amendments

##### C. Applicable Guides and Standards

1. City of Dallas Airport System Building Design Standards Program (October 2009)
2. City of Dallas Fire Station Building Design Standards Manual (November 9, 2018)
3. FAA Advisory Circular 150/210-15A Aircraft Rescue and Fire Fighting Station Building Design (September 10, 2008)
4. FAA Airport Improvement Program Handbook (February 26, 2019)

##### D. System Descriptions

1. Plumbing System Description – ARFF Station:
  - a. The domestic water system for the ARFF station shall consist of hot- and cold-water piping constructed of Type L copper tubing. A gas-fired water heater(s) shall be provided to provide domestic hot water service for the building. A reduced pressure zone backflow preventer shall be installed on the cold-water service entering the building.

- b. A sanitary waste and vent piping system shall be installed to collect the sanitary waste from the plumbing fixtures and floor drains installed throughout the building. A sand/oil interceptor shall be installed to collect discharge from the floor drains installed in the Apparatus Bays before discharging into the sanitary waste system. A grease trap shall be installed to collect the greasy waste discharge from the floor drains and sinks in the kitchen before discharging into the sanitary waste system.
  - c. A compressed air system shall be installed to provide compressed air service for the Apparatus Bays and Apparatus Bay Support Spaces. The compressed air system shall consist of an air compressor and compressed air piping with quick-connect hose fittings.
  - d. Natural gas piping shall be installed to provide natural gas service for the natural gas kitchen appliances, dual-fuel emergency generator, and the HVAC split system air handling units with gas-fired furnaces.
  - e. A fuel dispensing system shall be installed to provide fuel service for the ARFF station vehicles. The fuel dispensing system shall consist of one 1,000-gallon above ground diesel fuel storage tank and a tank monitoring system with panel installed at the watch desk.
2. Plumbing System – Air Side Operations Building
- a. The domestic water system for the Airside Operations Building shall consist of hot- and cold-water piping constructed of Type L copper tubing. A gas-fired water heater(s) shall be provided to provide domestic hot water service for the building.
  - b. A sanitary waste and vent piping system shall be installed to collect the sanitary waste from the plumbing fixtures and floor drains installed throughout the building. A grease trap shall be installed to collect the greasy waste discharge from the floor drains and sinks in the kitchen before discharging into the sanitary waste system.
  - c. Natural gas piping shall be installed to provide natural gas service for the natural gas kitchen appliances and the HVAC split system air handling units with gas-fired furnaces.

## 4.8 MECHANICAL

### A. Scope

1. The purpose of this document is to describe the program intent in sufficient detail to serve as the basis for the project design and contract documents to be prepared in a following project phase.
2. This Basis of Design (BOD) defines the mechanical system for new the facility.
3. The proposed building will house both ARFF and Airside Operations staff, vehicles, and equipment in support of the Dallas Love Field air carrier operations and Part 139 certification.

### B. Applicable Codes

1. 2015 International Building Code with Dallas Amendments
2. 2015 International Plumbing Code with Dallas Amendments
3. 2015 International Mechanical Code with Dallas Amendments
4. 2017 National Electrical Code with Dallas Amendments
5. 2015 International Energy Conservation Code with Dallas Amendments
6. 2015 International Fuel and Gas Code with Dallas Amendments
7. 2015 International Green Construction Code with Dallas Amendments

### C. Applicable Guides and Standards

1. City of Dallas Airport System Design Standards Manual (October 2009)
2. City of Dallas Fire Station Building Design Standards Program (November 9, 2018)
3. FAA Advisory Circular 150/210-15A Aircraft Rescue and Fire Fighting Station Building Design (September 10, 2008)
4. FAA Airport Improvement Program Handbook (February 26, 2019)

### D. System Descriptions

1. Mechanical System Description – ARFF Station:
  - a. The HVAC system shall consist of high efficiency split system air handling units with gas-fired furnaces, CO<sub>2</sub> monitoring, and electronic programmable thermostats. At a minimum, provide an HVAC zone for the following areas:
    - 1) Each sleeping area

- 2) Kitchen and Dining
  - 3) Watch and Day Room
  - 4) Exercise Room
  - 5) Transition Zone Spaces
  - 6) Battalion Chief
  - 7) Training Room
- b. The Apparatus Bays shall be mechanically ventilated in the summer. Each Apparatus Bay shall be heated with a gas-fired tubular radiant heater extending the entire length of the bay.
  - c. The vehicular exhaust system for the Apparatus Bays shall be a Plymovent Vehicle Exhaust Extraction System.
  - d. The kitchen exhaust system for the kitchen shall consist of a commercial grade exhaust hood, with a 2-speed exhaust fan, and a make-up air fan. The exhaust hood shall be equipped with a fire suppression system.
  - e. A stand-alone building management system (BMS) shall be provided to monitor and/or control the split system air handling units and exhaust fans in the facility. The BMS shall utilize an open communication protocol to provide future connectivity to a centralized monitoring system.
2. Mechanical System Description – Airside Operation Building:
- a. The HVAC system shall consist of high efficiency split system air handling units with gas-fired furnaces and electronic programmable thermostats.
  - b. The kitchen exhaust system for the kitchen shall consist of a commercial grade exhaust hood with a 2-speed exhaust fan and a make-up air fan. The exhaust hood shall be equipped with a fire suppression system.
  - c. A stand-alone building management system (BMS) shall be provided to monitor and/or control the split system air handling units and exhaust fans in the facility. The BMS shall utilize an open communication protocol to provide future connectivity to a centralized monitoring system.



## 4.9 ELECTRICAL

### A. Scope

1. The purpose of this document is to describe the program intent in sufficient detail to serve as the basis for the project design and contract documents to be prepared in a following project phase.
2. This Basis of Design (BOD) defines the electrical system for new the facility.
3. The proposed building will house both ARFF and Airside Operations staff, vehicles, and equipment in support of the Dallas Love Field air carrier operations and Part 139 certification.

### B. System Description

1. The electrical system for the ARFF station will consist of normal utility service power from the utility company, shared with the Airside Operations Building to electrical distribution throughout the facility for convenience power, mechanical/plumbing system power, lighting, rescue equipment power requirements, etc. The electrical system will also consist of redundant power provisions utilizing an uninterruptible power supply (UPS) system for computer equipment and communications equipment and an engine-generator providing emergency, standby, and optional power as defined in NFPA 70 for the facility. Engine-generator system is also intended to be shared with Airside Operations Building.
2. The electrical system for the Airside Operations station will consist of normal utility service power from the utility company, shared with the ARFF, to electrical distribution throughout the facility for convenience power, mechanical/plumbing system power, lighting, etc. The electrical system will also consist of redundant power provisions utilizing an uninterruptible power supply (UPS) system for computer equipment and communications equipment and an engine-generator providing emergency, standby, and optional power as defined in NFPA 70 for the facility. Engine-generator system is also intended to be shared with ARFF.

#### 4.10 TECHNOLOGY SYSTEMS

##### A. Scope

1. The purpose of this document is to describe the program intent in sufficient detail to serve as the basis for the project design and contract documents to be prepared in a following project phase.
2. This Basis of Design (BOD) defines the low voltage and technology systems for new the facility.
3. The proposed building will house both ARFF and Airside Operations staff, vehicles, and equipment in support of the Dallas Love Field air carrier operations and Part 139 certification.

##### B. Premise Distribution System (PDS)

1. The Premise Distribution System refers to the basic telecommunications infrastructure required to support voice, data, and other multimedia services within the facility. It includes the Telecommunications Rooms, horizontal cabling from the fiber backbone to the Main Equipment Rooms in the terminal. The PDS in both facilities will be entirely owned and managed by AVI, regardless of the TR it originates from.
2. Acronyms
  - a. ANSI American National Standards Institute
  - b. AVI City of Dallas Department of Aviation
  - c. MER Main Equipment Room
  - d. PDS Premise Distribution System
  - e. RU Rack Unit
  - f. TIA Telecommunications Industry Association
  - g. TR Telecommunications Room
3. Reference Standards
  - a. Systems will be designed in compliance with the following codes, standards, and publications, where applicable. The latest edition, amendments, and revisions to the codes and standards in effect should be used whenever possible:
    - 1) ANSI/TIA-568.0-D – Generic Telecommunications Cabling for Customer Premises, 2015

- 2) ANSI/TIA-568.0-D-1 – Generic Telecommunications Cabling for Customer Premises – Addendum 1: Updated References, Accommodation of New Media Types, 2017
- 3) ANSI/TIA-568.1-D – Commercial Building Telecommunications Infrastructure Standard, 2015
- 4) ANSI/TIA-568.1-D-1 – Commercial Building Telecommunications Infrastructure Standard – Addendum 1: Updated References, Accommodation of New Media Types, 2018
- 5) ANSI/TIA-568.2-D – Balanced Twisted Pair Telecommunications Cabling and Components Standard, 2018
- 6) ANSI/TIA-568.3-D – Optical Fiber Cabling and Components Standard, 2016
- 7) ANSI/TIA-568.3-D-1 – Optical Fiber Cabling and Components Standard - Addendum 1: General Updates, 2019
- 8) ANSI/TIA-568.4-D - Broadband Coaxial Cabling and Components Standard, 2017
- 9) ANSI/TIA-569-E – Telecommunications Pathways and Spaces, 2019
- 10) ANSI/TIA-606-C – Administration Standard for Telecommunications Infrastructure, 2017
- 11) ANSI/TIA-607-D – Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises, 2019
- 12) ANSI/TIA-526.7-A – Measurement of Optical Power Loss of Installed Single-Mode Fiber Cable Plant, 2015
- 13) ANSI/TIA-526.14-C – Optical Power Loss Measurement of Installed Multimode Fiber Cable Plant, 2015
- 14) ANSI/TIA-758-B – Customer-Owned Outside Plant Telecommunications Infrastructure Standard, 2012
- 15) ANSI/TIA-942-B – Telecommunications Infrastructure Standard for Data Centers, 2017
- 16) BICSI – Telecommunications Distribution Methods Manual, 13th Edition
- 17) NECA 1 – Standard Practice of Good Workmanship in Electrical Construction, 2015.

4. Telecommunications Rooms

- a. The Telecommunications Rooms consist of purpose-built spaces containing fire rated pathway devices into the room, lockable, freestanding 800 mm wide, by 1070 mm deep 45RU equipment cabinets, overhead cable runway, a telecommunications grounding system, standby power, UPS power and house power. Both the AVI and City of Dallas TRs should receive a minimum of 2 cabinets. Additional cabinets may be necessary, depending on the services supported. City of Dallas TRs must be physically separated from the AVI room/racks.

5. Horizontal Cabling

- a. The horizontal cabling consists of Category 6A cable from each work area outlet to the nearest serving TR. Work area outlets typically consist of two jacks. The cable and outlet labeling is to comply with the existing Airport-wide labeling standard. Every work area outlet should have, at a minimum, a 120V, 15A duplex outlet adjacent to it.

6. Backbone Cabling

- a. The backbone infrastructure is constructed in a star arrangement, with MER 2 and MER 4 serving as redundant hubs. The pathways to each MER require diverse routes, separated by a minimum of 10 feet. The backbone cabling consists of a minimum 24 strands of conventional OS2 single-mode fiber optic cables from each MER to each TR. Fiber terminations are factory terminated "LC" style fusion spliced pigtailed.

C. AVI Data Network

1. The AVI data network supports the airport's internal file and print services, internal Wi-Fi, e-mail, security, terminal paging, the electronic visual information display systems, building automation systems and other related applications. It does not provide services to other City of Dallas departments or other tenants.
2. Reference Standards
  - a. Systems will be designed in compliance with the following codes, standards, and publications, where applicable. The latest edition, amendments, and revisions to the codes and standards in effect should be used whenever possible:

- 1) ANSI/TIA-606-C: Administration Standard for Telecommunications Infrastructure
- 2) ANSI/TIA-607-D: Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises
- 3) IEEE 802: Local Area Network Standard
- 4) NECA 1: Standard Practice of Good Workmanship in Electrical Construction, 2015.

3. Design Criteria

- a. The data network is a conventional collapsed core design with cores in MER 2 and MER 4. Access switches are connected to both cores over 10 GB Ethernet links.
- b. Each TR is equipped with at least two access switches arranged in a stack, with one uplink connected to the first switch and the second uplink connected to the last switch. Switches may be stacked with up to three per stack.
- c. All switches have redundant power supplies with one supply connected to UPS power and other to house power. All switches are equipped with Gigabit Ethernet ports, supporting Power-over-Ethernet, capable of supporting up to 30W of power on each port for powering cameras, phones, and wireless access points.
- d. Wi-Fi coverage should be engineered for the entire facility and based on the occupancy, the number of devices and the expected bandwidth requirements.
- e. Switches and wireless access points must be procured with an extended maintenance agreement that provides at least one year of extended maintenance after the equipment is accepted by AVI. After acceptance, the agreement is to be transferred to AVI. This protects the equipment and contractor from equipment damage and out of warranty repairs before acceptance.

D. City of Dallas Network

1. The City of Dallas data network supports the City's file and print services, e-mail, and other related applications. The equipment for this network is coordinated with and provided and installed by the City through their operations and maintenance contractor.
2. Reference Standards

- a. Systems will be designed in compliance with the following codes, standards, and publications, where applicable. The latest edition, amendments, and revisions to the codes and standards in effect should be used whenever possible:

- 1) ANSI/TIA-606-C – Administration Standard for Telecommunications Infrastructure
- 2) ANSI/TIA-607-D – Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises
- 3) IEEE 802 – Local Area Network Standard
- 4) NECA 1 – Standard Practice of Good Workmanship in Electrical Construction, 2015

3. Design Criteria

- a. Switches should have redundant power supplies and be connected to UPS power and house power.
- b. Wi-Fi coverage should be engineered for the ARFF facility and based on the occupancy, the number of devices and the expected bandwidth.

E. Access Control System

- 1. Electronic access control will be deployed to control access across the SIDA line and for managing access to critical infrastructure and high value spaces in the facility. The system will utilize the existing access control system at the terminal.

2. Acronyms

- a. ANSI American National Standards Institute
- b. AVI City of Dallas Department of Aviation
- c. IEEE Institute of Electrical and Electronics Engineers
- d. MER Main Equipment Room
- e. PDS Premise Distribution System
- f. TIA Telecommunications Industry Association
- g. TR Telecommunications Room
- h. UL Underwriters Laboratories

3. Reference Standards

- a. Systems will be designed in compliance with the following codes, standards, and publications, where applicable. The latest edition,

amendments, and revisions to the codes and standards in effect should be used whenever possible:

- 1) ANSI/TIA-568.0-D – Generic Telecommunications Cabling for Customer Premises
- 2) ANSI/TIA-568.0-D-1 – Generic Telecommunications Cabling for Customer Premises – Addendum 1: Updated References, Accommodation of New Media Types, 2017
- 3) ANSI/TIA-568.1-D – Commercial Building Telecommunications Infrastructure Standard, 2015
- 4) ANSI/TIA-568.1-D-1 – Commercial Building Telecommunications Infrastructure Standard – Addendum 1: Updated References, Accommodation of New Media Types, 2018
- 5) ANSI/TIA-569-E – Telecommunications Pathways and Spaces, 2019
- 6) Temperature and Humidity Requirements for Telecommunications Spaces, 2016
- 7) ANSI/TIA-606-C – Administration Standard for Telecommunications Infrastructure
- 8) ANSI/TIA-607-D – Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises
- 9) IEEE 802 – Local Area Network Standard
- 10) NECA 1 – Standard Practice of Good Workmanship in Electrical Construction, 2015
- 11) NFPA 101 – Life Safety Code
- 12) Title 49 CFR 1520 – Protection of Sensitive Security Information
- 13) Title 49 CFR 1542 – Airport Security

#### 4. Portal Design

a. Design criteria for access-controlled portals should include the following:

- 1) Personnel doors must meet current ADA and life safety requirements.
- 2) A door is to be designed in such a manner that does not make it unnecessarily difficult to secure.
- 3) Door hardware on personnel doors must be an electrified mortise handset or a motorized exit device. Electric strikes,

- electromagnetic locks, and electrified cylindrical handsets should never be used.
- 4) Continuous hinges and reinforced door frames should be used for high-use personnel doors, as normal wear eventually leads to an increasing number of false alarms.
  - 5) Doors should be designed such that the door hardware can fail-secure.
  - 6) Key cylinders are to be provided at each personnel door to allow law enforcement access in the event of a system or hardware failure.
  - 7) Doors are to be monitored with UL 634 Level 2 listed high security switches. Opening a door without a valid credential, a valid request-to-exit, or propping a door open, generates a door alarm.
  - 8) Credential readers are to be equipped with keypads.
  - 9) Cameras are to be placed on both sides of a SIDA door, and placed on-axis, where possible. On non-SIDA doors, at least one fixed camera is to be placed on one side of the door.
  - 10) Local audiovisual alarm devices are installed at each door to alert personnel around a door alarm.
  - 11) Doors are fitted with appropriate regulatory signage, containing the relevant penal codes that would be violated should the door be breached. This informs the public and other personnel that the area beyond the portal is restricted.

## 5. Pathways and Spaces

- a. All access control cabling is to be ran in conduit outside of the TR. Free-running access control cabling in door frames, window mullions, cable tray or in J-hooks is not allowed. Door frames are to have cut-outs and backboxes welded in for the electrical power transfer (EPT) and the high security switch, with conduits run from the backboxes to a central junction box within 10 feet of the door. A home run conduit is then run from the door junction box to the nearest serving AVI TR.
- b. Access control field panels are to be in the AVI TR and connected to the security network. The power supplies are to be equipped with batteries and battery chargers and connected to a standby power.



F. Video Surveillance

1. Video surveillance is to be deployed for resolving access control door alarms and for general situational awareness. The system will utilize the existing video management system in the terminal. Cameras added to the system are required to be accompanied by device or channel licenses and a minimum 30 days of storage.
2. Acronyms
  - a. ANSI American National Standards Institute
  - b. IEEE Institute of Electrical and Electronics Engineers
  - c. PDS Premise Distribution System
  - d. TIA Telecommunications Industry Association
  - e. TR Telecommunications Room
3. Reference Standards
  - a. Systems will be designed in compliance with the following codes, standards, and publications, where applicable. The latest edition, amendments, and revisions to the codes and standards in effect should be used whenever possible:
    - 1) ANSI/TIA-568.0-D – Generic Telecommunications Cabling for Customer Premises
    - 2) ANSI/TIA-568.0-D-1 – Generic Telecommunications Cabling for Customer Premises – Addendum 1: Updated References, Accommodation of New Media Types, 2017
    - 3) ANSI/TIA-568.1-D – Commercial Building Telecommunications Infrastructure Standard, 2015
    - 4) ANSI/TIA-568.1-D-1 – Commercial Building Telecommunications Infrastructure Standard – Addendum 1: Updated References, Accommodation of New Media Types, 2018
    - 5) ANSI/TIA-569-E – Telecommunications Pathways and Spaces, 2019
    - 6) ANSI/TIA-606-C – Administration Standard for Telecommunications Infrastructure
    - 7) ANSI/TIA-607-D – Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises
    - 8) IEEE 802 – Local Area Network Standard

- 9) NECA 1 – Standard Practice of Good Workmanship in Electrical Construction, 2015
- 10) Title 49 CFR 1520 – Protection of Sensitive Security Information
- 11) Title 49 CFR 1542 – Airport Security.

4. Design Criteria

- a. All cameras are to be IP-based, powered from the network, and use the same PDS infrastructure described above. All cabling between the camera and the nearest TR is to be contained in conduit. Running camera cabling in cable trays or J-hook pathways is not allowed. Each camera is to be connected to a nearby 10-inch, by 10-inch, by 4-inch junction box containing the work area outlet and service loop, with a patch cord run in a flexible or other conduit to the camera.

5. Deployment Strategy

- a. Minimum fixed 2-megapixel cameras on each access-controlled door or alarm resolution and forensic analysis.
- b. Camera coverage at SIDA doors must capture the card reader and the act of presenting the badge to the reader.
- c. Minimum fixed 2-megapixel camera coverage on each side of unstaffed AOA gates provide a view of the driver through the windshield and the act of presenting their badge to the reader.
- d. Staffed AOA gates should receive camera coverage of the guard and driver interaction.
- e. PTZ cameras on all four corners of the roof for situational awareness.
- f. Fixed camera coverage of the landside parking lot and the approach to the lot.
- g. One or more CCTV workstations may be provided in the operations area for general situational awareness.

G. Security Intercom

- 1. The security intercom system is used for two-way remote communications between DPD and individuals at secure door locations. The intercom system is integrated with the access control system, causing automatic camera call-ups, allowing DPD to assess the situation and release the door, if the situation should warrant it.

2. Acronyms

- a. ANSI American National Standards Institute
- b. IEEE Institute of Electrical and Electronics Engineers
- c. PDS Premise Distribution System
- d. TIA Telecommunications Industry Association
- e. TR Telecommunications Room

3. Reference Standards

- a. Systems will be designed in compliance with the following codes, standards, and publications, where applicable. The latest edition, amendments, and revisions to the codes and standards in effect should be used whenever possible:
  - 1) ANSI/TIA-568.0-D – Generic Telecommunications Cabling for Customer Premises
  - 2) ANSI/TIA-568.0-D-1 – Generic Telecommunications Cabling for Customer Premises – Addendum 1: Updated References, Accommodation of New Media Types, 2017
  - 3) ANSI/TIA-568.1-D – Commercial Building Telecommunications Infrastructure Standard, 2015
  - 4) ANSI/TIA-568.1-D-1 – Commercial Building Telecommunications Infrastructure Standard – Addendum 1: Updated References, Accommodation of New Media Types, 2018
  - 5) ANSI/TIA-569-E – Telecommunications Pathways and Spaces, 2019
  - 6) ANSI/TIA-606-C – Administration Standard for Telecommunications Infrastructure
  - 7) ANSI/TIA-607-D – Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises
  - 8) IEEE 802 – Local Area Network Standard
  - 9) NECA 1 – Standard Practice of Good Workmanship in Electrical Construction, 2015

4. Design Criteria

- a. All intercom stations are to be IP-based, powered from the network, and use the same PDS infrastructure described above. All cabling between the

intercom and the nearest TR is to be contained in conduit. Running intercom cabling in cable trays or J-hook pathways is not allowed.

5. Intercom Deployment

- a. SIDA doors and unstaffed AOA gates should have intercom stations on both sides. Stations are to be programmed to ring at the DPD Dispatch position.

H. Satellite Television System

1. Satellite television service will be provided in operations areas, breakrooms and in the TV, or Day Room of the ARFF facility. A single dish antenna will be installed on the roof and distributed to each space. Each group will be responsible for procuring their own satellite receivers and subscription packages.
2. Acronyms
  - a. ANSI American National Standards Institute
  - b. PDS Premise Distribution System
  - c. TIA Telecommunications Industry Association
  - d. TR Telecommunications Room
3. Reference Standards
  - a. Systems will be designed in compliance with the following codes, standards, and publications, where applicable. The latest edition, amendments, and revisions to the codes and standards in effect should be used whenever possible:
    - 1) ANSI/TIA-568.0-D – Generic Telecommunications Cabling for Customer Premises
    - 2) ANSI/TIA-568.0-D-1 – Generic Telecommunications Cabling for Customer Premises – Addendum 1: Updated References, Accommodation of New Media Types, 2017
    - 3) ANSI/TIA-568.1-D – Commercial Building Telecommunications Infrastructure Standard, 2015
    - 4) ANSI/TIA-568.1-D-1 – Commercial Building Telecommunications Infrastructure Standard – Addendum 1: Updated References, Accommodation of New Media Types, 2018

- 5) ANSI/TIA-568.4-D – Commercial Building Telecommunications Cabling Standard – Part 4: Broadband Coaxial Cabling and Components Standard, 2017
- 6) ANSI/TIA-569-E – Telecommunications Pathways and Spaces, 2019
- 7) ANSI/TIA-606-C – Administration Standard for Telecommunications Infrastructure
- 8) ANSI/TIA-607-D – Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises
- 9) NECA 1 – Standard Practice of Good Workmanship in Electrical Construction, 2015.

#### 4. Design Criteria

- a. A satellite dish should be mounted on the roof, above the AVI TR, using a non-penetrating roof mount, and cabled down to the TR. A wall field made up of multi-switches and splitters is made up to distribute the signals over RG-6 quad shield coax to each television outlet.

#### I. Terminal Paging System

1. The Terminal Paging System provides voice and visual paging services throughout the terminal and other support buildings. This system will not be extended to the new ARFF facility.

#### J. Emergency Alert System

1. The existing Emergency Alert System consists of an analog ringdown AT&T telephone circuit connected from the FAA tower to various locations around the Airport. AT&T currently provides the circuit and a wall-mount 70V amplifier inside the building's primary TR or MER. This system will likely be upgraded to an IP-based solution in the future.

#### 2. Acronyms

- a. ANSI American National Standards Institute
- b. EAS Emergency Alert System
- c. TIA Telecommunications Industry Association
- d. TR Telecommunications Room

3. Reference Standards

- a. Systems will be designed in compliance with the following codes, standards, and publications, where applicable. The latest edition, amendments, and revisions to the codes and standards in effect should be used whenever possible:
- 1) ANSI/TIA-568.0-D - Generic Telecommunications Cabling for Customer Premises
  - 2) ANSI/TIA-568.0-D-1 – Generic Telecommunications Cabling for Customer Premises – Addendum 1: Updated References, Accommodation of New Media Types, 2017
  - 3) ANSI/TIA-568.1-D – Commercial Building Telecommunications Infrastructure Standard, 2015
  - 4) ANSI/TIA-568.1-D-1 – Commercial Building Telecommunications Infrastructure Standard – Addendum 1: Updated References, Accommodation of New Media Types, 2018
  - 5) ANSI/TIA-569-E – Telecommunications Pathways and Spaces, 2019
  - 6) ANSI/TIA-606-C – Administration Standard for Telecommunications Infrastructure
  - 7) ANSI/TIA-607-D – Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises
  - 8) NECA 1 – Standard Practice of Good Workmanship in Electrical Construction, 2015

4. Design Criteria

- a. The EAS speakers are of the 70V variety and tapped appropriately for the area in which they are deployed. Speakers for each area are typically connected to a 70V volume control to allow for some adjustment.

K. Operations and Public Safety Radios

1. The operations and public safety radios include several base stations and handheld units that allow AVI operations personnel to communicate with one another. The radios are supported by the public safety distributed antenna system in the terminal, LEB, garages, and administration building. It is recommended that extension of the PSDAS to the new facility be considered.

2. Acronyms

- a. ANSI: American National Standards Institute
- b. DFR: Dallas Fire Rescue
- c. DPD: Dallas Police Department Aviation Unit
- d. LEB: Law Enforcement Building
- e. PSDAS: Public Safety Distributed Antenna System
- f. TIA: Telecommunications Industry Association
- g. TR: Telecommunications Room

3. Reference Standards

- a. Systems will be designed in compliance with the following codes, standards, and publications, where applicable. The latest edition, amendments, and revisions to the codes and standards in effect should be used whenever possible.
  - 1) ANSI/TIA-568.0-D - Generic Telecommunications Cabling for Customer Premises
  - 2) ANSI/TIA-568.0-D-1 – Generic Telecommunications Cabling for Customer Premises – Addendum 1: Updated References, Accommodation of New Media Types, 2017
  - 3) ANSI/TIA-568.1-D – Commercial Building Telecommunications Infrastructure Standard, 2015
  - 4) ANSI/TIA-568.1-D-1 – Commercial Building Telecommunications Infrastructure Standard – Addendum 1: Updated References, Accommodation of New Media Types, 2018
  - 5) ANSI/TIA-568.4-D – Commercial Building Telecommunications Cabling Standard – Part 4: Broadband Coaxial Cabling and Components Standard, 2017
  - 6) ANSI/TIA-569-E – Telecommunications Pathways and Spaces, 2019
  - 7) ANSI/TIA-606-C – Administration Standard for Telecommunications Infrastructure
  - 8) ANSI/TIA-607-D – Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises
  - 9) NECA 1 – Standard Practice of Good Workmanship in Electrical Construction, 2015

1. Design Criteria

- a. The existing PSDAS is an analog radio frequency (RF) over fiber distribution system with a headend in the terminal. Each remote antenna is connected to a Fiber Remote Unit that provides signal filtering, amplification, and handles the coax to fiber conversion. An RF study should be done on the new facility and the PSDAS deployed based on the outcome.

L. Multimedia Systems

- 1. Airside Operations should have a video wall in the bullpen area displaying CCTV, weather, news, and other related information for situational awareness.

2. Acronyms

- a. ANSI American National Standards Institute
- b. PDS Premise Distribution System
- c. TIA Telecommunications Industry Association
- d. TR Telecommunications Room

3. Reference Standards

- a. Systems will be designed in compliance with the following codes, standards, and publications, where applicable. The latest edition, amendments, and revisions to the codes and standards in effect should be used whenever possible:

- 1) ANSI/TIA-606-C – Administration Standard for Telecommunications Infrastructure
- 2) ANSI/TIA-607-D – Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises
- 3) NECA 1 – Standard Practice of Good Workmanship in Electrical Construction

4. Design Criteria

- a. The video wall system must consist of commercial grade components, capable of operating continuously 24 hours per day, 7 days per week, without voiding the warranty. Content may be integrated with and streamed from the AVI Content Management System to provide added flexibility.



## **APPENDIX A: PROGRAM SPREADSHEET**

Proposed Dallas Love Field ARFF Station 21

**ARFF Building Program**

AIP Eligible Space	16,900 sf	66%
Local Airport Funding Space	8,600 sf	34%
<b>Total ARFF Space</b>	<b>25,500 sf</b>	

**Airside Operations Building Program**

AIP Eligible Space	0 sf	0%
Local Airport Funding Space	7,900 sf	100%
<b>Total Ops Space</b>	<b>7,900 sf</b>	

**Total ARFF Station 21 Building Program 33,400 sf**

AIP Eligible	51%
Local Funding	49%

Does not include site elements

Aircraft Rescue and Firefighting Station Building Program

ARFF Response Index 'C'

Staffing: 30 total personnel

9 staff per shift, 3 shifts. Plus 3 administrative in station.

Vehicles: (3) Rosenbauer 6x6: each 3000 gal. water, 400 gal. foam. 79,000 lbs. GVWR

(1) Reserve Rosenbauer 6x6

(1) F-350 Command Vehicle

FAA AC Reference	CofD Reference	Station Element	Proposed DAL Facility Requirement (net SF)	Proposed AIP Eligible Space (net SF)	Min. Size per FAA Circular (net sf)	Max. Size per FAA Circular (net sf)	Comments/Remarks
3-2.c	Part I -D.1; Part II-B.1	ARFF Apparatus Bay (Red 1)	1,540	1,540	1,540	1,850	Typical bay = 28x55 per FAA (18x75' per DFR standard). Size to actual vehicle + req'd clear: 6' side to wall, 8' side to truck, 5' end to end, 5' vehicle to door. 18' x 18' min doors. Bi-fold door add 5' depth for clearance. Index 'C' required vehicle. Drive-thru configuration.
3-2.c	Part I -D.1; Part II-B.1	ARFF Apparatus Bay (Red 2)	1,540	1,540	1,540	1,850	See above
3-2.c		ARFF Apparatus Bay (Red 3)	1,540	0	1,540	1,850	structural response vehicle is eligible
3-2.a.2		Reserve Vehicle ARFF Apparatus Bays	1,540	0	1,540	1,850	Reserve vehicle and vehicles beyond Index typically not supported.
	Part I -D.1; Part II-B.1	Command Vehicle/Battalion Chief Bays	1,500	0	1,500	1,800	Mobile command typically not supported
3-2.a.3,4,5		ARFF Maintenance / Wash Bay and accessory vehicles	1,500	1,500	1,500	1,500	Maintenance Bay. Limit 1500 SF - DAL hasn't built an AIP funded maintenance bay already
3-2.f.6		Foam Agent Storage/Pump	500	500	200	500	FAA - maintain twice the full foam capacity of Index vehicles. AVI/DFR- maintain twice for all 4 vehicles. Provide doors for receiving. 265-gallon totes (4'x4'x4'). Still have a few 55-gal drums. Maintain 1,600 gallons (7 totes) of foam per FAA. Per DFR, maintain 3,200 gallons of foam = (12 totes or (58) drums. Spill containment. Storage and not rapid refill.
3-8.		Complementary Agent Storage	350	350	225	350	dry chemicals per Index. Doors for receiving. 50-pound buckets. Maintain 3,600 pounds of dry chem agent = 72 buckets.
3-9.	Part I -D.1.d	Self-Contained Breathing Apparatus (SCBA)	200	200	200	240	If located at the station, allow for tanks, refill and repair, compressor, storage racks. Fire extinguisher storage. Exterior wall location. One Compressor.
3-11.a		Workshop - Work Area	400	400	300	360	office, conf., reference material, workshop. DFR requests 20x20
3-11.a		Workshop - Tool/Parts Storage	400	400	100	120	lockable parts storage. parts racks, cabinet rated for storing paints, grease, solvents. DFR Requests 20x20
3-12.		Hose Dry	150	150	150	180	Drying racks. Other options include hose drying cabinet, turntable, exterior racks
3-28.	Part II-B.2.a	Emergency Generator	500	500	-	-	Generator mezzanine preferred. capable of running full load of the ARFF)
3-27.	Part II-B.2.c	Electrical	300	300	-	-	Need actual layout for clearance of selected equipment
3-2.c.7		Apparatus Bay Storage	450	450	450	540	10% of total bay area; account for 6 wheels/tires storage.
	Part II-B.2.f	Fire Hydrant Supply	0	0	-	-	
		Stair Vehicle	0	0	-	-	possible additional vehicle and personnel beyond ARFF staff
3-2.c.6	Part II-B.2.d	Personal Protective Equipment (PPE) Turn-out Gear Lockers	405	405	405	490	30 staff = current + growth, plus space in front. Total minimum 13.5 sf per locker/firefighter.
3-5.	Part II-B.2.e	Medical Decontamination Room	150	150	150	180	near vehicle bays, double sink, shower, storage
3-6.	Part II-B.2.d	Gear Wash/Drying Room	200	200	200	240	60lb commercial extractor/washer, drying rack. No drying cabinet vented to exterior
	Part II-C.1.	Air Lock Vestibule	140	140	-	-	Considered part of circulation space.
	Part II-C.3	De-Con Restrooms	300	300	-	-	Two rooms - multiple occupant (2 fixtures) and single occupant. Lockers (36), Lavatory troughs, 3 showers. Storm Shelter
3-7.	Part II-C.4	First Aid and Medical Storage	120	120	120	140	clean environment. sink, cabinets, lockable door. Can double as Nursing room. Storm Shelter
	Part II-C.5	Battery Charging Stations	10	10	-	-	Part of circulation. Storm Shelter
3-21.	Part II - C.6	Laundry Room	140	100	100	120	residential heavy duty washer/dryer; ironing board, counter, shelving. Storm Shelter
3-2.f.3	Part II - C.7	Bay Utility Room / Janitor Closet.	60	60	64	100	cleaning equipment, janitor sink, hot/cold water. Separate from Admin Jan Closet.

Aircraft Rescue and Firefighting Station Building Program

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Vehicles: (3) Rosenbauer 6x6: each 3000 gal. water, 400 gal. foam. 79,000 lbs. GVWR  
(1) Reserve Rosenbauer 6x6  
(1) F-350 Command Vehicle

FAA AC Reference	CofD Reference	Station Element	Proposed DAL Facility Requirement (net SF)	Proposed AIP Eligible Space (net SF)	Min. Size per FAA Circular (net sf)	Max. Size per FAA Circular (net sf)	Comments/Remarks
3-4.	Part II - D.1	Watch/Alarm Room	250	250	130	160	Provide maximum surveillance possible of the airfield and access/observation of vehicle room activities. New Crash Phone System, other communications requirements. Include Bed space. Located airside so no control of landside entry.
3-4.a.9		Watch/Alarm Lavatory	60	60	60	70	Lavatory should be conveniently accessible to Watch/Alarm Room. Accessible to all ARFF staff.
3-14.	Part II - D.6	Day Room	400	360	360	430	Allow 20 sf per person; Sized for single shift plus visitors, holdovers (9 +9 = 18), DFR min 20 persons.
3-22.a.1	Part II - D.7	Kitchen	500	500	400	600	Provide door to exterior; Type 2 Residential kitchen but provide hood/suppression and meet accessibility. Provide stove shunt/coordinate with alarm; refrigerator (3 - 1 per shift), microwave, stove, sink, dishwasher, icemaker, food storage in cabinets/pantry
3-22.b	Part II - D.7	Dining Room	240	240	240	290	Allow 20 sf per person; Sized for single shift plus visitors, holdovers (9 +9 = 18), DFR min 12 persons.
3-15.		TV Room	0	0	280	340	20 sf per person; sized for two shifts. May be combined with Day Room or separate
3-16.		Telephone Rooms	0	0	50	60	May not be needed. For private conversations, even with cell phones
3-17.	Part II - D.11	Dormitories	900	900	900	1,080	provide 3 (4) person dorm rooms. 300 SF each. Individual rooms @ 140 SF each x9 = 1,260 sf
3-18, 3-19.	Part II - D.10,13	Firefighter Locker Room	450	450	450	540	15 sf total each. TOTAL firefighters = 30. No male/female split required
3-20.	Part II - D.10	Firefighter Lavatories/Toilets/Showers	300	300	-	-	Single occupant, 3 rooms @ 100 SF each. Includes showers, ADA lavatories, showers/sinks/stalls in restrooms (M / W). 100 SF per DFR
3-23.	Part I -D.1.b, Part II-E.9.2	Training Room	1,296	1,296	1,296	1,560	May double as command center; 48 sf per person per shift. Sized for 3 shifts plus staff = 30 persons
3-23.		Training Room Storage	100	0	80	100	chairs, tables, shelves for flexibility of setup. See Training Room and Training Officer Storage
3-24.	Part II - D.15	Computer Study	100	100	100	120	24 sf min each station, assume two stations. Need not be a separate space, but must be a quiet space.
3-33.	Part II - D.16	Exercise Room	600	0	300	500	50% of shift and equipment. Need actual layout of equipment and clearances to size accurately.
3-35.		Station Store/Vending	0	0	20	65	Optional, could include snack sales or vending machines
3-10.	Part II - E.9.1	ARFF Battalion Chief Office (1)	200	0	200	240	Allow for desk and chairs, small conference table, personal storage, secure storage
3-10.		ARFF Battalion Chief - Shower / Restroom	0	0			Optional private shower stall and restroom
3-10.	Part II - D.14	Driver/Engineer/Qualifications Officer Office/Quarters (1)	200	0	200	240	Shared office space; storage Located near Watch Room / Apparatus Bays
3-10.	Part II - D.14	Captain-Asst. Coordinator/ Training Officer Office/Quarters (1)	250	0	250	300	Shared office space, includes sleep space, secure storage
		Cpt./Lt. Quarters (2)	500	0	175	210	250 SF each, includes sleep space, secure storage
		Officers Lavatories (2)	200	0	60	70	lavatory and toilet room. Located near quarters. Shared by officers. 60 SF each. DFR 100 each. Accessible to all ARFF staff.
3-10.		Officers Sm. Conference Room	300	0	100	120	sized for 10 persons, 30 sf per person, audio-visual equipment,
3-10.		Conference Room	600	0	240	480	sized for 20 persons; 30 sf per person; audio-visual equipment
3-10.		Admin/Department File Room (Work Room)	250	250	250	500	admin desk(s), file cabinets, office supplies, copier
3-10.	Part II - D.3	Entry Vestibule	120	120	-	-	weather vestibule, access controlled.
3-10.	Part II - D.3	Seating Area	0	0	-	-	See Ops.
3-10.	Part II - D.4	Accessible Restroom	0	0	0	0	See Ops.

DFR House Zone

Aircraft Rescue and Firefighting Station Building Program

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Vehicles: (3) Rosenbauer 6x6: each 3000 gal. water, 400 gal. foam. 79,000 lbs. GVWR  
(1) Reserve Rosenbauer 6x6  
(1) F-350 Command Vehicle

FAA AC Reference	CofD Reference	Station Element	Proposed DAL Facility Requirement (net SF)	Proposed AIP Eligible Space (net SF)	Min. Size per FAA Circular (net sf)	Max. Size per FAA Circular (net sf)	Comments/Remarks
3-10, 3-36.		Janitors Closet (Administrative Side)	60	60	60	70	size to fit janitors carts 22x46, mop sink 2x2, wall rack 6x6, min. closet 5x8
3-25.		Mechanical	500	330	-	-	Need actual layout for clearance of selected equipment
3-25.		Fire Riser Room	150	99	-	-	Typical to provide sprinkler system even if not required by standard code. Circular requires adherence to NFPA 101. Other fire safety requirements include: carbon monoxide/smoke/fire detectors; location and illumination of exit signs; fire doors; sprinkler system in accordance with NFPA 13, Standards for the Installation of Sprinkler Systems;
3-26.a		General Storage Room	0	0	-	-	
3-29.	Part II - D.5	Telecommunications and Electronics	150	99	80	100	Need actual layout for clearance of selected equipment. Some IT will require separate rooms, for larger area. City CIS/IT will provide service.
3-30.		Trash/Recycling Room	150	150	150	180	
	Part II-B.2.f	Landscape Equipment Storage	0	0	0	0	
4-3.		Walls and Corridors (20%)	2,720	2,060	1,819	2,397	Minimum corridor width is 5' with 6' preferred. Typically estimated as a percentage of programmed spaces (20%) excluding apparatus bays
			25,481	16,939			
<b>TOTALS</b>			25,500	16,900			Rounded to nearest 100 sf
			Eligible	16,900	GSF	66.27%	
			Not Eligible	8,600	GSF		

NOTES:

1. Reference Federal Aviation Administration (FAA) *Advisory Circular 150/5210-15A* dated September 10, 2008 for ARFF station space requirements.
2. Reference City of Dallas *Fire Station Building Design Standards Program* dated November 9, 2018 additional station space requirements.
3. Reference Federal Aviation Administration (FAA) *Order 5100.38D Airport Improvement Program Handbook* for policy requirements relating to ARFF station funding under this program.
4. Reference NFPA 403 *Standard for ARFF Services at Airports*, table 8.1.2.1 for additional staffing requirements.
5. Net square footage calculated from face of stud/block to face of stud/block -generally the approximate interior usable space. Gross square footage includes interior and exterior walls.
6. Program square footages above are rounded to nearest 10 square feet for individual spaces. Building totals are rounded to nearest 100 square feet.

FAA AC Reference	CofD Reference	Site Element	Proposed DAL Facility Requirement (net SF)	Proposed AIP Eligible Space (net SF)	Min. Size per FAA Circular (net sf)	Max. Size per FAA Circular (net sf)	Comments/Remarks
3-3.		Station Vehicle Apron	20,000	20,000			Straight run to airfield. Width of bay doors plus 3 feet each side. Length is 1.5 vehicle lengths for the full width, taper after that to 28 ft width min ADA may fund a service road but not maintain it.
		PAST Training	10,000	10,000			vehicle approach to PAST - 100x100, can this be shared with vehicle apron. PAST equipment is \$25,000 installed..
		Foam discharge/validation area	10,000	10,000			temp solution. Co-locate with de-icing?
3-13.		Vehicle Fueling	3,000	0			1000-gal AST and dispenser, adjacent to apron
3-31.		Parking - Employee	4,000	4,000			2 shifts - 20 spaces (10x20). Secure - fence, gate arm, other.
3-31.		Parking - Visitor (Landside)	1,300	0			6 spaces (5 @ 10x20, w/ 1 ADA @ 15x20)
		Parking - Airside Vehicle	1,200	1,200			6 spaces (10x20), covered. Vehicles: 823, RD22, RD23, two suburbans, 1 spare
		Parking - Access / Circulation	9,200	9,200			assumption is 24' 2-way internal circulation roadway. Does not include entry road to site.
3-34.	Part II - D.9	Airside Patio Space	0	0			shared with Ops, consider stoage as well. Adjacent to kitchen. Exterior space not enclosed and not counted in building SF.
		Landside Dumpster Enclosure	0	0			see Ops
3-32.		Delivery Truck Access	0	0			see Ops
			58,700	54,400			
<b>TOTALS</b>			58,700	54,400			Rounded to nearest 100 sf
			Eligible	54,400	GSF	92.67%	
			Not Eligible	4,300	GSF		



## Airside Operations Station Building Program

Vehicles: 7 airside cars/trucks

Staffing: 20 total personnel + 5 future growth = 25

11 per shift typical. Up to 15 on site. 3 shifts

Reference	Station Element	Proposed DAL Facility Requirement (net SF)	Proposed AIP Eligible Space (net SF)	Comments/Remarks
	Observation Area	450	0	Elevated space for situational awareness and views to airfield, engine run up.
	Stair	150	0	Access to observation area. No elevator. Prefer interior stair in lieu of exterior stair and/or ladder
	Locker Area	380	0	15 sf total each; total 25 staff. Full-size lockers. Supplemental to work station storage. Coats, umbrellas, phones. Storm shelter.
	PPE Gear and Equipment Storage	380	0	15 sf total each; total 25 staff. coats, boots, hard hats, instruments/gages. Storm shelter.
	Lavatories/Toilets>Showers	750	0	Includes 1 shower, 2 lavatories, 3 toilets - each (M / W). Accessible layout. Storm shelter.
	Kitchen/Break	600	0	2 Refrigerators. Stove, sink, microwave, coffee maker, dish/cabinet storage, 2 tables - seating for 10. include space for dishwasher and ice maker. Type 2 Residential kitchen but provide hood/suppression and meet accessibility.
	Nursing Room	100	0	Nursing Room. Include chair, sink, cabinet and small refrigerator
	Vending	30	0	not required but consider for future snack sales or vending machines
	Managers Office	150	0	10x15, with bookshelf, desk, seating. Wall space for maps/whiteboard. Locate separate from on-duty Ops. Corner/view to airfield.
	Supervisor Workstation (3)	200	0	8x8 workstation. Locate separate from on-duty Ops. View to airfield.
	SAOO Workstations (8)	260	0	Open work/hoteling arrangement, tabletop, 4 foot wide, 8 feet deep. Locate with direct access to airfield and View to airfield. Include storage at stations.
	AOO Workstations (8)	260	0	Open work/hoteling arrangement, tabletop, 4 foot wide, 8 feet deep. Locate with direct access to airfield and View to airfield. Include storage at stations.
	Future Workstations (5)	160	0	Open work/hoteling arrangement, tabletop, 4 foot wide, 8 feet deep. Locate with direct access to airfield and View to airfield. Include storage at stations.
	Monitor Wall	50	0	10 long by 5 clear in front. Monitors for weather, CCTV, other. Wall space for maps/whiteboard.
	Compliance Workstation (2)	130	0	8x8 workstation
	Training Workstations (2)	190	0	12x8 area min. Adjacent to simulators. Training, Master Control and Instructors Desk share this configuration. 2 monitors minimum.
	Driving Simulators (2)	100	0	6x8 clear area, power and CAT 6, driving configuration, adjacent to wall. Locate separate from on-duty Ops.
	Small Conference Room	300	0	10 persons, 30 sf per person, audio-visual equipment, noise mitigation, female staff sleeping during winter ops. Wall space for maps/whiteboard.
	Large Conference Room	900	0	30 persons; 30 sf per person; audio-visual equipment, noise mitigation, male staff sleeping during winter ops. Wall space for maps/whiteboard.
	Conference Room Storage	200	0	Storage for chairs, tables, etc.
	Cot Storage	100	0	Storage for cots, etc.
	Reception/Administrative/File	250	0	Staffed, with view to Lobby. Include work files/cabinets, copier, printer, office supply storage, etc. Delivery receipt/mail.
	Entry Vestibule	0	0	Shared with DFR, Access Controlled Doors to Remainder of Facility, Access to Receptionist/Admin. Water Fountain
	Seating Area	100	0	Shared with DFR, Access Controlled Doors to Remainder of Facility, Access to Receptionist/Admin. Water Fountain
	Accessible Restroom	70	0	Single Fixture, accessible.

**Airside Operations Station Building Program**

Vehicles: 7 airside cars/trucks  
Staffing: 20 total personnel + 5 future growth = 25  
11 per shift typical. Up to 15 on site. 3 shifts

Reference	Station Element	Proposed DAL Facility Requirement (net SF)	Proposed AIP Eligible Space (net SF)		Comments/Remarks
	Janitors Closet	60	0		size to fit janitors carts 22x46, mop sink 2x2, wall rack 6x6, typ closet 5x8
	Mechanical	0	0		See ARFF
	Fire Riser Room	0	0		See ARFF
	General Storage Room	100	0		
	Electrical	0	0		See ARFF
	Emergency Generator	0	0		share ARFF generator for full building
	Telecommunications and Electronics	150	0		Need actual layout for clearance of selected equipment. IT will require separate room from DFR, for larger area. AOT will provide service.
	Trash/Recycling Room	0	0		
	Walls and Corridors (20%)	1,314	0		Minimum corridor width is 4' with 6 feet preferred. Typically estimated as a percentage of programmed spaces (20%)
		7,884	0		
	<b>TOTALS</b>	<b>7,900</b>	<b>0</b>		Rounded to nearest 100 sf

Eligible	0	GSF	<b>0.00%</b>
Not Eligible	7,900	GSF	

**NOTES:**

1. Reference Federal Aviation Administration (FAA) *Advisory Circular 150/5210-15A* dated September 10, 2008 for ARFF station space requirements.
2. Reference City of Dallas *Fire Station Building Design Standards Program* dated November 9, 2018 additional station space requirements.
3. Reference Federal Aviation Administration (FAA) *Order 5100.38D Airport Improvement Program Handbook* for policy requirements relating to ARFF station funding under this program.
4. Net square footage calculated from face of stud/block to face of stud/block -generally the approximate interior usable space. Gross square footage includes interior and exterior walls.
5. Program square footages above are rounded to nearest 10 square feet for individual spaces. Building totals are rounded to nearest 100 square feet.

Reference	Site Element	Proposed DAL Facility Requirement (net SF)	Proposed AIP Eligible Space (net SF)		Comments/Remarks
	Airside Vehicle Apron	4,000	0		adjacent to ARFF apron
	Vehicle Fueling	0	0		at SRE
	Parking - Airside Vehicles	1,400	0		7 spaces (10x20). Covered spaces.
	Parking - Employee	5,000	0		25 (20+5) total parking spaces (10x20). Plus 5 spaces for growth. Does not require secure fencing.
	Parking - Visitor	4,200	0		20 spaces (18 @ 10x20, w/ 2 ADA @ 15x20). Not shared with DFR.
	Parking - Access/Circulation	14,300	0		assumption is 24' 2-way internal circulation roadway. Does not include entry road to site.
	Airside Patio Space	400	0		not enclosed space and not Building SF
	Landside Dumpster Enclosure	200	0		one enclosure, 2 containers for full facility
	Delivery Truck Access	1,500	0		
		31,000	0		
	<b>TOTALS</b>	<b>31,000</b>	<b>0</b>		Rounded to nearest 100 sf

0	GSF
31,000	GSF





**DALLAS LOVE FIELD – ARFF and AIRFIELD OPS  
ROM COST ESTIMATE  
June 02, 2021**



## **OVERVIEW AND SCOPE SUMMARY**

The City of Dallas has requested Rough Order-of-Magnitude (ROM) cost estimate on the design and construction for a new building that would serve as an Aircraft Rescue and Firefighting (ARFF) station, as well as the new airport, airfield operations. Programming sessions have taken place with both user groups to determine operational needs and requests. Our team has provided estimates for the square footage (sf) required to accommodate the operational needs as outlined by the user groups. We have incorporated the requirements from the City of Dallas Fire Department Standards for new fire stations, as well as our estimate of the portion reimbursable by the Federal Aviation Administration (FAA) through Airport Improvement Program (AIP) grants. Programming is meant to produce a roadmap and estimation for general building components, size, and cost. Our ROM is based on 1Q21 construction costs and schedule times. The project cost estimates and schedules are based on the project following a Design, Bid, Build format. We have outlined an estimated timeframe for each stage of this format. Once the project moves into the Design Phase, the actual layout and final square footage will be finalized for actual costs to be determined.

## **CURRENT STATE OF CONSTRUCTION INDUSTRY**

Over the past fifteen months, the construction industry has experienced various challenges related to the COVID-19 Pandemic. The U.S. Bureau of Labor Statistics released in April that “all items indexed increased 2.8 percent before seasonal adjustments.” Based on the trajectory of the month over month increases, we expect that to continue and have represented that in our calculations. Areas that continue to contribute to operational challenges and increased costs for the industry include volume of projects, labor force, material costs, and supply chain.

### **Volume of Projects**

While 2021 is seeing month over month increases in project starts, this is not contributable to new projects. These are restarts of projects that were planned in 2020 but were put on hold. Nonresidential starts were down 20% 1Q21 compared to 1Q20 but we are seeing this begin to rebound. It is estimated that there will continue to be decline through 2021 but expect a 3% increase in 2022.<sup>1/</sup> “Since Apr 2020 and now through March 2021, Nonresidential Bldgs construction starts, for 12 months, have averaged down 25%+ compared to Q1 2020. Recent Q1 2021 is still down 22% from Q1 2020.”

### **Labor Force**

The demand for qualified skill workers continues to grow, meaning contractors are asking their skilled workers to do more work. This was a challenge pre-pandemic and continues now as companies downsized to adjust to the impact of reduced work. Additionally, salaries for workers are rising with increased workload and high demand. It is an employee market and higher employee costs are leading to higher bid submissions to cover the increased labor burden.

## Material Costs <sup>2/</sup>

Lumber and steel mill products are continuing a steady increase. However, copper, iron and steel scrap, gas, and diesel are leveling out or showing slight declines. Note - This is reported prior to the spike in gasoline due to the cyberattack on the Colonial Pipeline in early May. According to the April 2021 release of the Producer Price Index, softwood lumber has surged 121.1% in the last 12 months, including a 5.3% increase from March to April. New construction on residential homes is generating an average of \$35,000 in incremental cost due to the increase in lumber prices. This is expected to continue into 2022.

Material	% change, April 2020 – April 2021	% change, March 2021 to April 2021
Iron and Steel Scrap	77.2%	(2.4%)
Softwood lumber	121.1%	5.3%
Steel mill products	67.0%	18.4%
Copper and brass mill shapes	49.0%	0.2%
Gasoline	225.7%	(3.4%)
No. 2 Diesel	126.7%	(7.6%)

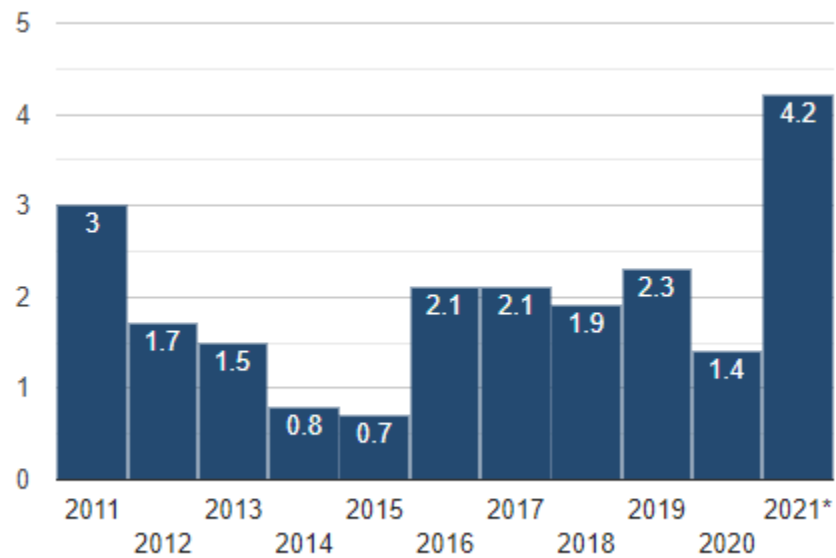
## Supply Chain

Prior to the pandemic, the industry was operating with tight supply and strong demand. Through the pandemic, construction was deemed an essential business and continued. While some larger projects were put on hold by big corporations, the housing market continued to flourish with new houses being built. Projects that were in progress continued. The supply chain flow struggled to keep up, with materials stuck on boats not able to come into port and factories running at reduced capacity due to COVID. The Texas snowstorm also has had a ripple effect through the industry due to factories being shut down, roads impassable for days to transport materials, and an incremental demand for repairs due to water damage and broken pipes. These challenges contribute to the steady climb in material cost and availability.

## INFLATION

Based on the last 20 years, the Inflation Rate has had some significant peaks and valleys. The last time the inflation rate over 4 percent was the 1990s. At the current rate of 4.2%, we are experiencing fastest rate of inflation since September 2008. This is primarily due to the rebound from a low inflation rate caused by the COVID pandemic of 2020. The Federal Reserve is expecting the inflation to average around the 2% which is consistent with the past 10 years.

Chart: United States Annual Inflation Rates (2011 to 2021)



<https://www.usinflationcalculator.com/inflation/current-inflation-rates/>

### United States Core Inflation Rate – last 25 years <sup>3/</sup>



In April 2021, the best estimate for Non-Residential Construction price inflation for the remainder of 2021, and looking forward to 2022-23, was 3.7% annually<sup>4/</sup>. This estimate takes into consideration the significant and sustained escalation in construction material prices, the current lower volume of projects, and the pressure on contractor margins due to the increased competition due to reduced volume.

Available data from numerous sources, including RS Means Quarterly Cost Estimate, Turner Construction Cost Index, the PPI from AGC, and the Rider, Levitt, Bucknall Nonresidential Index were aggregated to provide the current estimate. The volume of projects in the marketplace is the largest current variable in this estimate. A significant bounce back in volume from the Covid-19 impacts seen over the last 12 months could drive this number higher, particularly in the DFW Metroplex, due to continuing growth and the ongoing trend of relocations to the marketplace.

Based on the current environment, using a 3-4% annual escalation number is indicated.

<sup>1/</sup> Source: [http://info.aia.org/aiarchitect/2021/charts/Jan%202021/ccf\\_011521.html](http://info.aia.org/aiarchitect/2021/charts/Jan%202021/ccf_011521.html)

<sup>2/</sup> Source: Bureau of Labor Statistics <https://www.bls.gov/news.release/ppi.t05.htm>

<sup>3/</sup> Source: <https://tradingeconomics.com/united-states/core-inflation-rate>

<sup>4/</sup> Source: <https://edzarenski.com/2021/01/26/2021-construction-inflation/>

<sup>5/</sup> Source: <https://edzarenski.com/category/forecast/> May 10, 2021 11:13am

## APPENDIX

AIA Chart for 2021 vs. 2022 industry growth

<sup>1</sup>[http://info.aia.org/aiarchitect/2021/charts/Jan%202021/ccf\\_011521.html](http://info.aia.org/aiarchitect/2021/charts/Jan%202021/ccf_011521.html)

### CONSENSUS CONSTRUCTION FORECAST, DECEMBER 2020

Click on each name to see their forecast

Consensus		Estimated \$ 2020	Forecast % Change	
			2021	2022
Dodge Data & Analytics	Nonresidential Total	–	-5.7	3.1
IHS Economics	Commercial Total	–	-7.1	3.1
	Office	–	-9.3	0.1
Moody's Analytics	Retail & Other Commercial	–	-3.5	5.2
	Hotel	–	-20.2	8.8
FMI	Industrial Total	–	-4.5	1.5
ConstructConnect	Institutional Total	–	-4.0	3.2
	Health	–	1.2	3.2
Associated Builders and Contractors	Education	–	-3.9	2.7
	Religious	–	-6.7	-2.9
Wells Fargo Securities	Public Safety	–	1.0	-0.4
Markstein Advisors	Amusement & Recreation	–	-12.6	11.1

**Notes:**

\* FMI's "Retail & Other Commercial" category includes commercial/retail, transportation, and communication.

The AIA Consensus Forecast is computed as an average of the forecasts provided by the panelists that submit forecasts for each of the included building categories.

There are no standard definitions of some nonresidential building categories, so panelists may define a given category somewhat differently.

Panelists may forecast only a portion of a category (e.g., public buildings but not private buildings); these forecasts are treated like other forecasts in computing the consensus.

All forecasts are presented in current (non-inflation adjusted) dollars.

Reduction in Nonresidential project spend

<https://edzarenski.files.wordpress.com/2021/05/spend-sector-nonres-bldgs-2015-2022-5-10-21-1.jpg>





## **APPENDIX C: ROOM DATA SHEETS**



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Air Lock Vestibule	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	140
<b>Adjacencies/Location:</b>	Apparatus Bay, Day Room, Kitchen		
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>	Shelter

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<b>Floor</b> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input checked="" type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<b>Wall Material</b> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<b>Casework</b> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: <u>Work Bench</u>
<b>Base</b> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<b>Wall Finishes</b> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<b>Counter-tops</b> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<b>Ceiling</b> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<b>Toilet / Locker Room Accessories</b> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<b>Kitchen Equipment</b> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <b>Other</b> Other: _____
		<input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Special Systems**
- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Door Bell



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Apparatus Bay 1	<b>ARFF:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	1540
<b>Adjacencies/Location:</b>	PPE GEAR ROOM, DECON		
<b>No. of Occupants:</b>	4	<b>Fire Rating/Storm:</b>	

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<b>Floor</b> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<b>Wall Material</b> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<b>Casework</b> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<b>Base</b> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<b>Wall Finishes</b> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<b>Counter-tops</b> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<b>Ceiling</b> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<b>Toilet / Locker Room Accessories</b> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<b>Kitchen Equipment</b> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <b>Other</b> Other: _____ <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty 1 Size 3070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty 1 Size 18X18
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal - HD
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: Adjustable timer,  
manual override, warning  
light

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty::1
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: Charging, Ovd Doors
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: Charging, Ovd Doors
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Mechanically ventilated in summer.

Gas-fired infrared radiant heater running full length of bay.

Retractable hose reels to be provided for hose bibbs (faucets).

Crash Alert/PA interface required.



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Apparatus Bay 2	<b>ARFF:</b>
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b> 1540
<b>Adjacencies/Location:</b>	PPE GEAR ROOM, DECON	
<b>No. of Occupants:</b>	4	<b>Fire Rating/Storm:</b>

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<b>Floor</b> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<b>Wall Material</b> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<b>Casework</b> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<b>Base</b> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<b>Wall Finishes</b> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<b>Counter-tops</b> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<b>Ceiling</b> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<b>Toilet / Locker Room Accessories</b> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<b>Kitchen Equipment</b> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <b>Other</b> Other: _____ <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____



**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty 1 \_\_\_\_\_ Size 18X18 \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal - HD
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: Adjustable timer, manual override, warning light

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - ( Panel  Local)
  - Floor Outlets
  - Dedicated Circuits
    - for: Charging, Ovd Doors
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: Charging, Ovd Doors
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Special Systems**
- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Mechanically ventilated in summer.

Gas-fired infrared radiant heater running full length of bay.

Retractable hose reels to be provided for hose bibbs (faucets)

Crash Phone/PA interface required.

<b>Room Name:</b>	Apparatus Bay 3	<b>ARFF:</b>
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b> 1540
<b>Adjacencies/Location:</b>	PPE GEAR ROOM, DECON	
<b>No. of Occupants:</b>	4	<b>Fire Rating/Storm:</b>

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____
		<p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty 1 \_\_\_\_\_ Size 18X18 \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal - HD
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATRP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATRP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: Charging, Ovd Doors
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: Charging, Ovd Doors
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Mechanically ventilated in summer.

Gas-fired infrared radiant heater running full length of bay.

Retractable hose reels to be provided for hose bibbs (faucets).

Crash Phone/PA interface required.



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

**Room Name:** Mobile Command/Quick-Response Bay **ARFF:** \_\_\_\_\_

**Date Last Revised:** 04/19/2021 **Proposed Room Size:** 1500

**Adjacencies/Location:** PPE GEAR ROOM, DECON

**No. of Occupants:** 4 **Fire Rating/Storm:** \_\_\_\_\_

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

- Floor**
- Vinyl Composition Tile
  - Seamless Sheet Vinyl
  - Linoleum
  - Resinous Flooring
  - Terrazzo
  - Ceramic Tile
  - Carpet
  - Sealed Concrete
  - Polished / Stained Concrete
  - Walk-Off Mat
  - Transition Strip
  - Other: \_\_\_\_\_

- Base**
- 4" Resilient (vinyl or rubber)
  - Integral Coved Vinyl
  - Integral Coved Epoxy
  - Integral Carpet
  - Ceramic Tile
  - Glazed CMU
  - Terrazzo
  - Hardwood
  - Painted Wood
  - Other: \_\_\_\_\_

- Ceiling**
- Acoustical Lay-In Tile  
Size \_\_\_\_\_
  - Mylar-Faced Tile
  - Gypsum Board / Painted
  - Plaster
  - Metal Panel
  - Exposed Structure / Painted
  - Exposed Struct / Non-Painted
  - Wood Slat / Plank
  - Height: \_\_\_\_\_
  - Other: \_\_\_\_\_

- Wall Material**
- Exposed Concrete
  - Gypsum Board
  - Tile Backer board
  - Standard CMU
  - Glazed CMU
  - Burnished CMU
  - Other: \_\_\_\_\_

- Wall Finishes**
- Latex Paint
  - Latex Enamel Paint
  - Epoxy Paint
  - Vinyl Wallcovering
  - Ceramic Tile
  - Stone Veneer
  - GFRC Panels
  - Wood Veneer Panels
  - Acoustical STC \_\_\_\_\_
  - Other: \_\_\_\_\_

- Toilet / Locker Room Accessories**
- Mirror – Size \_\_\_\_\_
  - Paper Towel Dispenser
  - Toilet Paper Dispenser
  - Soap Dispenser
    - Wall
    - Counter
  - Soap Dispenser (Elect)
  - Hand Dryer (Elect)
  - Sanitary Napkin Dispenser
  - Sanitary Napkin Disposal Receptacle
  - Toilet Seat Cover Dispenser
  - Grab Bars
  - Cup Dispenser
  - Towel Bar / Hook
  - Wastepaper Receptacle
  - Baby Changing Table
  - Urinal
  - Toilet Partition Type \_\_\_\_\_
  - Janitor/Mop Shelf
  - Other: \_\_\_\_\_

- Casework**
- Wall Cabinets
  - Base Cabinets
  - Drawer Storage
  - Open Shelving
  - Plastic Laminate-Faced
  - Wood
  - Metal
  - Stainless Steel
  - Lockable
  - Other: \_\_\_\_\_

- Counter-tops**
- Stone or Solid Surface
  - Plastic Laminate
  - Epoxy Resin
  - Stainless Steel
  - Concrete
  - Other: \_\_\_\_\_

- Kitchen Equipment**
- Refrigerator  
Qty: \_\_\_\_\_
  - Cook-top
  - Built-in Oven
  - Electric Stove
  - Range-Cooktop/Oven(s)
  - Microwave
  - Dishwasher
  - Ice Machine
  - Disposal

- Other**
- Other: \_\_\_\_\_
- Lockers
    - Metal
    - PLAM
  - Shelf and Rod
  - Projection Screen
  - Folding Seats
  - Locker Room Benches
  - Markerboard/Tackboard
  - Corner Guards
  - Shower Bench
  - Shower Curtain/Rod/Rings
  - Fixed Locker Room Bench
  - \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty 1 \_\_\_\_\_ Size 18X18 \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal - HD
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Viny  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: 1
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: \_\_\_\_\_
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Special Systems**
- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

See typical apparatus bay.



<b>Room Name:</b>	Apparatus Maintenance Bay	<b>ARFF:</b>
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b> 1500
<b>Adjacencies/Location:</b>	PPE GEAR ROOM, DECON	
<b>No. of Occupants:</b>	4	<b>Fire Rating/Storm:</b>

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type  <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input checked="" type="checkbox"/> Other: <u>TOOLBOX</u>  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Other: _____  <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input checked="" type="checkbox"/> <u>WASH BAY CURTAIN</u> <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty 1 \_\_\_\_\_ Size 18X18 \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal - HD
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: \_\_\_\_\_
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Special Systems**
- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

See typical apparatus bay.



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

**Room Name:** Apparatus Bay Reserve Vehicle **ARFF:** \_\_\_\_\_

**Date Last Revised:** 04/19/2021 **Proposed Room Size:** 1540

**Adjacencies/Location:** PPE GEAR ROOM, DECON

**No. of Occupants:** 4 **Fire Rating/Storm:** \_\_\_\_\_

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____ <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____ <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____ <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____ <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____ <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____ <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____ <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty 1 \_\_\_\_\_ Size 18X18 \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal - HD
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Viny  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: \_\_\_\_\_
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling - Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

See typical apparatus bay.

<b>Room Name:</b>	Apparatus Bay Storage	<b>ARFF:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	450
<b>Adjacencies/Location:</b>	Apparatus Bay		
<b>No. of Occupants:</b>	<b>Fire Rating/Storm:</b>		

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____  <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 6070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_



**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: Charging, Ovd Doors
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: Charging, Ovd Doors
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

**Room Name:** Battalion Chief Office **ARFF:** \_\_\_\_\_

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**Date Last Revised:** 04/19/2021 **Proposed Room Size:** 200

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**Adjacencies/Location:** Battalion Chief's Office, Day Room, \_\_\_\_\_

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**No. of Occupants:** 1 **Fire Rating/Storm:** \_\_\_\_\_

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### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input checked="" type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____ <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____ <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____ <p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____ <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____ <p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____ <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____ <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input checked="" type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input checked="" type="checkbox"/> Filing Cabinets <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty 2 \_\_\_\_\_ Size 3070\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: Workstation

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Special Systems**
- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Marker Boards, Filing Cabinets, Desk, Bookshelves, Table

<b>Room Name:</b>	Battery Charging Station	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	10
<b>Adjacencies/Location:</b>	Apparatus Bay, Day Room, Kitchen, AirLock/Circulation		
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input checked="" type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type  <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: <u>Work Bench</u>  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Other: _____  <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Door Bell, Adjacent to circulation between Bays and House Zone

<b>Room Name:</b>	Gear Wash/Drying Room	<b>ARFF:</b>
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b> 200
<b>Adjacencies/Location:</b>	APPARATUS BAYS, PPE Gear Room	
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input checked="" type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input checked="" type="checkbox"/> Soap Dispenser <input checked="" type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input checked="" type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type  <input checked="" type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____  <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input checked="" type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input checked="" type="checkbox"/> EXTRACTOR <input checked="" type="checkbox"/> GEAR DRYER <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty 1 Size 3070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal - HD
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Viny  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATRP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATRP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System
  - Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad
  - Mop Sink
- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling - Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

**Room Name:** Complimentary Agent Storage **ARFF:** \_\_\_\_\_

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**Date Last Revised:** 04/19/2021 **Proposed Room Size:** 350

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**Adjacencies/Location:** Apparatus Bay, Foam Agent Storage

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**No. of Occupants:** 1 **Fire Rating/Storm:** \_\_\_\_\_

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### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____ <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____ <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____ <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____ <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____ <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____ <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____ <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 3070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

72 buckets dry chem

<b>Room Name:</b>	Conference Room	<b>ARFF:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	600
<b>Adjacencies/Location:</b>	Day Room, Office		
<b>No. of Occupants:</b>	20	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input checked="" type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: <u>Work Bench</u>  <p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Other: _____  <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input checked="" type="checkbox"/> Projection Screen <input checked="" type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input checked="" type="checkbox"/> Markerboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input checked="" type="checkbox"/> Tables _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: Workstation, TV's

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	Captain's/Lt. Quarters	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/22/2021	<b>Proposed Room Size:</b>	500
<b>Adjacencies/Location:</b>	Bunk Rooms, Admin Conf		
<b>No. of Occupants:</b>	2	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____
		<p><b>Other</b></p> <input checked="" type="checkbox"/> Lockers <input type="checkbox"/> Metal <input checked="" type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input checked="" type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input checked="" type="checkbox"/> Sitting Chair <input checked="" type="checkbox"/> Bed <input checked="" type="checkbox"/> Desk

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty 2 \_\_\_\_\_ Size 3070\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Special Systems**
- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Two offices – each 250 SF.

<b>Room Name:</b>	Day Room	<b>ARFF:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	400
<b>Adjacencies/Location:</b>	Apparatus Bay, Day Room, Kitchen		
<b>No. of Occupants:</b>	20	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input checked="" type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____ <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____ <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____ <p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____ <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: <u>Work Bench</u> <p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____ <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Other: _____ <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input checked="" type="checkbox"/> <u>Murphy Bed</u> <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

<b>Room Name:</b>	De-Con Restrooms	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	300
<b>Adjacencies/Location:</b>	De-Con Room, Bunk Rooms		
<b>No. of Occupants:</b>	3	<b>Fire Rating/Storm:</b>	Shelter

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input checked="" type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: <u>Seamless</u>	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input checked="" type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input checked="" type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input checked="" type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Toilet / Locker Room Accessories</b></p> <input checked="" type="checkbox"/> Mirror – Size _____ <input checked="" type="checkbox"/> Paper Towel Dispenser <input checked="" type="checkbox"/> Toilet Paper Dispenser <input checked="" type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input checked="" type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input checked="" type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input checked="" type="checkbox"/> Towel Bar / Hook <input checked="" type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input checked="" type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: <u>Lavatory Trough</u>	<p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____
		<p><b>Other</b></p> <input checked="" type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input checked="" type="checkbox"/> Shower Bench <input checked="" type="checkbox"/> Shower Curtain/Rod/Rings <input checked="" type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size 3070
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Viny  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_



**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System
  - Toilet Exhaust Fan

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower (3)
    - Grab Bars
  - Urinal-Qty: 1
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	Dining Room	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	240
<b>Adjacencies/Location:</b>	Apparatus Bay, Day Room, Kitchen		
<b>No. of Occupants:</b>	12	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input checked="" type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: <u>Work Bench</u>  <p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal  <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input checked="" type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty:1
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Special Systems**
- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Coffee Maker Connection

<b>Room Name:</b>	Dormitories	<b>ARFF:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	900
<b>Adjacencies/Location:</b>	Battalion Chief office, Dorms, Bathrooms		
<b>No. of Occupants:</b>	12	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input checked="" type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____  <p><b>Other</b></p> <input checked="" type="checkbox"/> Lockers <input type="checkbox"/> Metal <input checked="" type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> Sitting Chair <input checked="" type="checkbox"/> Bed <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty 1 \_\_\_\_\_ Size 3070\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: Carbon Monoxide

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan - 4
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: CO Sensor

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Three rooms at 300 SF, 4 persons each. Reference DFR BDSP

Low frequency alarm signals must be provided in sleeping areas.

<b>Room Name:</b>	Driver/Qualifications Officer	<b>ARFF:</b>
<b>Date Last Revised:</b>	03/22/2021	<b>Proposed Room Size:</b> 200
<b>Adjacencies/Location:</b>	Watch Room, Apparatus Bay	
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____  <p><b>Other</b></p> <input checked="" type="checkbox"/> Lockers <input type="checkbox"/> Metal <input checked="" type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input checked="" type="checkbox"/> Sitting Chair <input checked="" type="checkbox"/> Bed <input type="checkbox"/> Desk
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty 2 \_\_\_\_\_ Size 3070\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Special Systems**
- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

<b>Room Name:</b>	Electrical	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/22/2021	<b>Proposed Room Size:</b>	300
<b>Adjacencies/Location:</b>			
<b>No. of Occupants:</b>	2	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type  <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Other: _____  <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 6070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Originates in Space
  - Stand-by Power Req'd:
    - for: Originates in Space
  - UPS Required
    - for: Originates in Space

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

May share space with Airside Operations

<b>Room Name:</b>	Exercise Room	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	600
<b>Adjacencies/Location:</b>	Apparatus Bay, Day Room, Kitchen		
<b>No. of Occupants:</b>	5	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input checked="" type="checkbox"/> Other: <u>Rubber Athletic Floor</u>	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input checked="" type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type  <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: <u>Work Bench</u>  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Other: _____  <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> <u>Murphy Bed</u> <input type="checkbox"/> _____ <input type="checkbox"/> _____
<p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____		
<p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____		

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_ 3070
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATRP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATRP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: Exercise Equipment
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Dedicated HVAC system required.



<b>Room Name:</b>	Fire Riser Room	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/22/2021	<b>Proposed Room Size:</b>	150
<b>Adjacencies/Location:</b>			
<b>No. of Occupants:</b>	2	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____ <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____ <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____ <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____ <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____ <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____ <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____ <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 6070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Viny  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

<b>Room Name:</b>	First Aid & Medical Storage	<b>ARFF:</b>
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b> 120
<b>Adjacencies/Location:</b>	Apparatus Bay, Exterior	
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b> Shelter

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input checked="" type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input checked="" type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input checked="" type="checkbox"/> Refrigerator Qty: 1 UC _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____  <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 3070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Serves as Nursing Room



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Foam Agent Storage	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	500
<b>Adjacencies/Location:</b>	Apparatus Bay, Exterior		
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>	

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<b>Floor</b> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<b>Wall Material</b> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<b>Casework</b> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<b>Base</b> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<b>Wall Finishes</b> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<b>Counter-tops</b> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<b>Ceiling</b> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<b>Toilet / Locker Room Accessories</b> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<b>Kitchen Equipment</b> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <b>Other</b> <input type="checkbox"/> Other: _____
		<input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 6070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_



**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

12 to 14 totes. 3,200 gallons.

<b>Room Name:</b>	Emergency Generator	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/22/2021	<b>Proposed Room Size:</b>	500
<b>Adjacencies/Location:</b>	Apparatus bay, Exterior Wall, Mechanical Mezzanine		
<b>No. of Occupants:</b>	2	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____  <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 6070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: LPG

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: Battery Charger, Etc.
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Source
  - Stand-by Power Req'd:
    - for: Source
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Dual fuel (natural gas and LPG) generator. Full load ARFF.



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Hose Dry	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	150
<b>Adjacencies/Location:</b>	Apparatus Bay, Exterior		
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>	

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____
		<p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 6070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	Telecommunications Room	<b>ARFF:</b>
<b>Date Last Revised:</b>	03/22/2021	<b>Proposed Room Size:</b> 150
<b>Adjacencies/Location:</b>		
<b>No. of Occupants:</b>	2	<b>Fire Rating/Storm:</b>

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input checked="" type="checkbox"/> Other: Plywood  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type  <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____  <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 6070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: Equipment
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: Equipment
  - UPS Required
    - for: Equipment

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Separate Area from Airside Operations Telecom racks.



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

**Room Name:** Janitors Closet – Apparatus Bay **ARFF:** \_\_\_\_\_

**Date Last Revised:** 03/19/2021 **Proposed Room Size:** 60

**Adjacencies/Location:** Apparatus Bays, Restrooms, Decontamination

**No. of Occupants:** 1 **Fire Rating/Storm:** \_\_\_\_\_

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____ <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____ <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____ <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____ <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____ <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input checked="" type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____ <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input checked="" type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 3070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System
  - Exhaust Fan

**Plumbing**

- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

**Gases**

- Compressed Air
- Reel
- Vacuum
- Gas
- Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - ( Panel  Local)
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

**Special Systems**

- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	Janitors Closet Admin House Side	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	60
<b>Adjacencies/Location:</b>	Janitors Closet, Bunkrooms, Shower rooms		
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input checked="" type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Other: _____  <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input checked="" type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 3070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System
  - Exhaust Fan

**Plumbing**

- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

**Gases**

- Compressed Air
- Reel
- Vacuum
- Gas
- Steam
- Other: \_\_\_\_\_

**Fire Protection**

- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

**Detection Methods**

- Smoke Detectors
- Heat Detectors
- Air Flow Monitoring
- Other: \_\_\_\_\_

**Electrical**

**Power Requirements**

- 120V
- 208V ~ 1 Phase
- 208V ~ 3 Phase
- 277V ~ 1 Phase
- 480V ~ 3 Phase

**Power Supply Features**

- Explosion Proof Fixtures
- GFCI Outlets
  - Panel
  - Local
- Floor Outlets
- Dedicated Circuits
  - for: \_\_\_\_\_
- Outlet Reels from abv

**Emergency Systems**

- Emergency Power Req'd
  - for: Emergency Lighting
- Stand-by Power Req'd:
  - for: \_\_\_\_\_
- UPS Required
  - for: \_\_\_\_\_

**Illumination**

- 2x4 or 2x2
- Recessed Ceiling Lights
- Wall Sconces
- Decorative Hanging
- Indirect - Cove
- Strip Light
- Ceiling – Surface Mounted
- Under-counter
- Directional

**Electrical**

**Lighting Requirements**

- General
- Task Lighting
- Multi-Level Control
- Motion Sensor Activated
- Daylight Sensor Activated
- Dimmer
- Night Light
- Other: \_\_\_\_\_

**Miscellaneous**

- Ceiling Fan
- HVLS Fan
- Electric Clock
- Laundry Dryer

**Special Systems**

**Security / Access Control**

- Remote Control Keyless
- Card Access
- Alarmed Door
- Motion Sensors
- Closed Circuit Television
- Cameras

**General**

- Humidity / Temperature
- Power Interruption / Failure
- Equipment Failure
- Other: \_\_\_\_\_

**Communication**

- Telephone Connections
- Intercom System
- Data Connections
- Public Address System
- Cable Television
- Audio/Visual System
- Wireless
- Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Separate from closet serving apparatus and support side of facility.



<b>Room Name:</b>	Kitchen	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	500
<b>Adjacencies/Location:</b>	Apparatus Bay, Watch Room, Kitchen		
<b>No. of Occupants:</b>	Fire Rating/Storm:		

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____ <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____ <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____ <p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____ <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> Lockable <input type="checkbox"/> Other: _____ <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____ <p><b>Kitchen Equipment</b></p> <input checked="" type="checkbox"/> Refrigerator Qty: 3 _____ <input checked="" type="checkbox"/> Cook-top <input checked="" type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input checked="" type="checkbox"/> Microwave <input checked="" type="checkbox"/> Dishwasher <input checked="" type="checkbox"/> Ice Machine <input checked="" type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Viny  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System
  - Kitchen Hood**

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: Kitchen Appliances
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Exterior grease trap.

Residential kitchen but provide fire suppression and exhaust hood. Shunt trip operation to response alarm.

<b>Room Name:</b>	Laundry Room	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	140
<b>Adjacencies/Location:</b>	Janitors Closet, Bunkrooms, Shower rooms		
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>	Shelter

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input checked="" type="checkbox"/> Other: <u>Seamless</u>	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type  <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input checked="" type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input checked="" type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
<p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____		
<p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____		

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 3070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer (2)
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: Equipment
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

2- Washing Machines

2- Dryers

Linen storage

Ironing board

<b>Room Name:</b>	Firefighter Locker Room	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	450
<b>Adjacencies/Location:</b>	Apparatus Bay, Decon Shower, Laundry Room		
<b>No. of Occupants:</b>	30	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____
		<p><b>Other</b></p> <input checked="" type="checkbox"/> Lockers <input checked="" type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 3070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_



**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

30 Lockers

DFR places lockers within Transition Zone Hall outside of Decon Showers. Reference BDSP.

<b>Room Name:</b>	Mechanical	<b>ARFF:</b>
<b>Date Last Revised:</b>	03/22/2021	<b>Proposed Room Size:</b> 500
<b>Adjacencies/Location:</b>		
<b>No. of Occupants:</b>	2	<b>Fire Rating/Storm:</b>

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____
		<p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 6070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: Equipment
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: Equipment
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	Medical Decontamination Room	<b>ARFF:</b>
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b> 150
<b>Adjacencies/Location:</b>	APPARATUS BAYS, PPE Gear Room	
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input checked="" type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input checked="" type="checkbox"/> Soap Dispenser <input checked="" type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input checked="" type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type  <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____  <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input checked="" type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> EXTRACTOR <input type="checkbox"/> GEAR DRYER <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty 1 Size 3070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal - HD
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System
  - Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad
  - Mop Sink
- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Special Systems**
- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

**Room Name:** Officers Conference Room **ARFF:** \_\_\_\_\_

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**Date Last Revised:** 03/19/2021 **Proposed Room Size:** 300

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**Adjacencies/Location:** Day Room, Office

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**No. of Occupants:** 10 **Fire Rating/Storm:** \_\_\_\_\_

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### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input checked="" type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____ <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____ <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____ <p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____ <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: <u>Work Bench</u> <p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____ <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Other: _____ <p><input type="checkbox"/> Lockers  <input type="checkbox"/> Metal  <input type="checkbox"/> PLAM  <input type="checkbox"/> Shelf and Rod  <input type="checkbox"/> Projection Screen  <input checked="" type="checkbox"/> Folding Seats  <input type="checkbox"/> Locker Room Benches  <input type="checkbox"/> Markerboard  <input type="checkbox"/> Corner Guards  <input type="checkbox"/> Shower Bench  <input type="checkbox"/> Shower Curtain/Rod/Rings  <input type="checkbox"/> Fixed Locker Room Bench  <input checked="" type="checkbox"/> Tables  <input type="checkbox"/> _____  <input type="checkbox"/> _____</p>
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: Workstation, TV's

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	PPE Gear Room	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	405
<b>Adjacencies/Location:</b>	APPARATUS BAYS, DECON		
<b>No. of Occupants:</b>	30	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____  <p><b>Other</b></p> <input checked="" type="checkbox"/> Lockers <input checked="" type="checkbox"/> Metal <input type="checkbox"/> PLAM <input checked="" type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty 2 Size 3070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal - HD
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System
  - Dedicated ventilation

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	SCBA – Cylinder storage	<b>ARFF:</b>
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b> 200
<b>Adjacencies/Location:</b>	Apparatus Bay, Exterior	
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____ <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____ <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____ <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____ <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____ <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____ <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____ <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 6070
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System
  - Dedicated ventilation

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	Firefighters Lavatories	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	300
<b>Adjacencies/Location:</b>	Bunk Rooms		
<b>No. of Occupants:</b>	3	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input checked="" type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: <u>Seamless</u>	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input checked="" type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input checked="" type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input checked="" type="checkbox"/> Mirror – Size _____ <input checked="" type="checkbox"/> Paper Towel Dispenser <input checked="" type="checkbox"/> Toilet Paper Dispenser <input checked="" type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input checked="" type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type  <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: <u>Lavatory Trough</u>	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input checked="" type="checkbox"/> Shower Bench <input checked="" type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
<p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____		
<p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input checked="" type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____		

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size 3070
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Viny  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System
  - Toilet Exhaust Fan

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: 1
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad
  - Lavatory
- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

3 - Single Occupant rooms



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Officers Lavatories	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	200
<b>Adjacencies/Location:</b>	Bunk Rooms		
<b>No. of Occupants:</b>	2	<b>Fire Rating/Storm:</b>	

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input checked="" type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: <u>Seamless</u>	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input checked="" type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input checked="" type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input checked="" type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Toilet / Locker Room Accessories</b></p> <input checked="" type="checkbox"/> Mirror – Size _____ <input checked="" type="checkbox"/> Paper Towel Dispenser <input checked="" type="checkbox"/> Toilet Paper Dispenser <input checked="" type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input checked="" type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: <u>Lavatory Trough</u>	<p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____
		<p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input checked="" type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size 3070
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System
  - Toilet Exhaust Fan

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: 1
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: 1
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad
  - Lavatory
- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	Computer Study	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/24/2021	<b>Proposed Room Size:</b>	100
<b>Adjacencies/Location:</b>	Dorms		
<b>No. of Occupants:</b>	2	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input checked="" type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type  <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____  <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 3070
  - Wood  
Qty \_\_\_\_\_ Size 3070
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_



**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Special Systems**
- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	Training Officer	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/22/2021	<b>Proposed Room Size:</b>	250
<b>Adjacencies/Location:</b>	Bunk Rooms, Admin Conf		
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____  <p><b>Other</b></p> <input checked="" type="checkbox"/> Lockers <input type="checkbox"/> Metal <input checked="" type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input checked="" type="checkbox"/> Sitting Chair <input checked="" type="checkbox"/> Bed <input type="checkbox"/> Desk
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty 2 \_\_\_\_\_ Size 3070\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Special Systems**
- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	Training Room	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	1296
<b>Adjacencies/Location:</b>	Day Room, Office, Training Room Storage		
<b>No. of Occupants:</b>	30	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: <u>Work Bench</u>  <p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Other: _____  <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input checked="" type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input checked="" type="checkbox"/> Tables _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: Workstation, TV's

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Special Systems**
- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	Training Storage	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b>	100
<b>Adjacencies/Location:</b>	Training Room		
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____  <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 3070
  - Wood  
Qty \_\_\_\_\_ Size 3070
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other:

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Special Systems**
- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	Watch Room	<b>ARFF:</b>
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b> 250
<b>Adjacencies/Location:</b>	Apparatus Maintenance Bay, Lobby, Day Room	
<b>No. of Occupants:</b>	2	<b>Fire Rating/Storm:</b>

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: <u>Work Bench</u>  <p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Other: _____  <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input checked="" type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input checked="" type="checkbox"/> <u>Murphy Bed</u> <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty 1 \_\_\_\_\_ Size 6070\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATRP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATRP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

View to Airfield and into Vehicle Bay. Alert Phone interface and dispatch. Remote fuel monitoring panel, 2<sup>nd</sup> fuel dispensing remote shut-off switch



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Admin/Dept File Room (Work Room)	<b>ARFF:</b>	
<b>Date Last Revised:</b>	03/24/2021	<b>Proposed Room Size:</b>	250
<b>Adjacencies/Location:</b>	Admin Offices		
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>	

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<b>Floor</b> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<b>Wall Material</b> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<b>Casework</b> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<b>Base</b> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<b>Wall Finishes</b> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<b>Counter-tops</b> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<b>Ceiling</b> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<b>Toilet / Locker Room Accessories</b> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<b>Kitchen Equipment</b> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <b>Other</b> Other: _____ <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size 3070
  - Wood  
Qty \_\_\_\_\_ Size 3070
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

File Cabinets

Office supply

Copier/printer



<b>Room Name:</b>	Workshop – Work Area	<b>ARFF:</b>
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b> 400
<b>Adjacencies/Location:</b>	Apparatus Maintenance Bay, Workshop - Storage	
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Other: _____  <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: Equipment
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	Workshop – Storage	<b>ARFF:</b>
<b>Date Last Revised:</b>	03/19/2021	<b>Proposed Room Size:</b> 400
<b>Adjacencies/Location:</b>	Apparatus Maintenance Bay, Workshop - Work	
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input checked="" type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input checked="" type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input checked="" type="checkbox"/> Other: <u>Work Bench</u>  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Other: _____  <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input checked="" type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty 1 \_\_\_\_\_ Size 6070\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Reception/Administrative/File	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	250
<b>Adjacencies/Location:</b>	Open Offices, Admin, Manager's Office		
<b>No. of Occupants:</b>	2	<b>Fire Rating/Storm:</b>	

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<p><b>Floor</b></p> <input checked="" type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____ <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____ <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size <u>2x2</u> <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____ <p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____ <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input checked="" type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____ <p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____ <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____ <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> Printer/Copier <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Viny  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_



**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: \_\_\_\_\_
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

<b>Room Name:</b>	Conference Room Storage	<b>Airside Operations:</b>
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b> 200
<b>Adjacencies/Location:</b>	Conference Room, Cot Storage	
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input checked="" type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size <u>2x2</u> <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRG Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____  <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> Portable table _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other:

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

BUILDING ENGINEERING SYSTEMS

- Structural
 Vibration Sensitivity
 Recessed Floor Area
 Special Floor Loading
 Ceiling Mounted Equipment
 Overhead Equipment

- HVAC
 Heating
 Air Conditioning
 Evaporative Cooling
 Humidity Control
 Positive Pressure
 Negative Pressure
 Special Ventilation Needs
 Radiant Floors
 Thermostat
 Vehicle Exhaust System

- Plumbing Fixtures
 Dishwashing Sink
 Hand Washing Sink-Qty:
 Drinking Fountain
 Shower
 Grab Bars
 Urinal-Qty:
 Eye Wash(s)
 Safety Shower(s)
 Water Closet- Qty:
 Grab Bars
 Floor Drain(s)
 Trench Drain
 Box Drain
 Slop Sink
 Clothes Washer
 PPE Extractor
 Housekeeping Pad

- Faucets
 Single Control
 Separate Hot / Cold
 High Arc
 Sprayer
 Touchless (Electric)
 Hose Faucets

- Gases
 Compressed Air
 Reel
 Vacuum
 Gas
 Steam
Other:

- Fire Protection
Sprinkler System Types
 Wet Pipe System
 Dry Pipe System
 Pre-Action System
 Halon Equivalent System

- Detection Methods
 Smoke Detectors
 Heat Detectors
 Air Flow Monitoring
Other:

- Electrical Power Requirements
 120V
 208V ~ 1 Phase
 208V ~ 3 Phase
 277V ~ 1 Phase
 480V ~ 3 Phase

- Power Supply Features
 Explosion Proof Fixtures
 GFCI Outlets
 Panel Local
 Floor Outlets
 Dedicated Circuits
for:
 Outlet Reels from abv

- Emergency Systems
 Emergency Power Req'd
for:
 Stand-by Power Req'd:
for:
 UPS Required
for:

- Illumination
 2x4 or 2x2
 Recessed Ceiling Lights
 Wall Sconces
 Decorative Hanging
 Indirect - Cove
 Strip Light
 Ceiling - Surface Mounted
 Under-counter
 Directional

- Electrical Lighting Requirements
 General
 Task Lighting
 Multi-Level Control
 Motion Sensor Activated
 Daylight Sensor Activated
 Dimmer
 Night Light
Other:

- Miscellaneous
 Ceiling Fan
 HVLS Fan
 Electric Clock
 Laundry Dryer

- Special Systems Security / Access Control
 Remote Control Keyless
 Card Access
 Alarmed Door
 Motion Sensors
 Closed Circuit Television
 Cameras

- General
 Humidity / Temperature
 Power Interruption / Failure
 Equipment Failure
Other:

- Communication
 Telephone Connections
 Intercom System
 Data Connections
 Public Address System
 Cable Television
 Audio/Visual System
 Wireless
 Z-Tron/Crash Alert

SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:

Bookshelf, Desk and Seating.

<b>Room Name:</b>	Cot Storage	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	100
<b>Adjacencies/Location:</b>	Conference Room Storage		
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

- Floor**
- Vinyl Composition Tile
  - Seamless Sheet Vinyl
  - Linoleum
  - Resinous Flooring
  - Terrazzo
  - Ceramic Tile
  - Carpet
  - Sealed Concrete
  - Polished / Stained Concrete
  - Walk-Off Mat
  - Transition Strip
  - Other: \_\_\_\_\_

- Base**
- 4" Resilient (vinyl or rubber)
  - Integral Coved Vinyl
  - Integral Coved Epoxy
  - Integral Carpet
  - Ceramic Tile
  - Glazed CMU
  - Terrazzo
  - Hardwood
  - Painted Wood
  - Other: \_\_\_\_\_

- Ceiling**
- Acoustical Lay-In Tile  
Size 2x2
  - Mylar-Faced Tile
  - Gypsum Board / Painted
  - Plaster
  - Metal Panel
  - Exposed Structure / Painted
  - Exposed Struct / Non-Painted
  - Wood Slat / Plank
  - Height: \_\_\_\_\_
  - Other: \_\_\_\_\_

- Wall Material**
- Exposed Concrete
  - Gypsum Board
  - Tile Backer board
  - Standard CMU
  - Glazed CMU
  - Burnished CMU
  - Other: \_\_\_\_\_

- Wall Finishes**
- Latex Paint
  - Latex Enamel Paint
  - Epoxy Paint
  - Vinyl Wallcovering
  - Ceramic Tile
  - Stone Veneer
  - GFRP Panels
  - Wood Veneer Panels
  - Acoustical STC \_\_\_\_\_
  - Other: \_\_\_\_\_

- Toilet / Locker Room Accessories**
- Mirror – Size \_\_\_\_\_
  - Paper Towel Dispenser
  - Toilet Paper Dispenser
  - Soap Dispenser
    - Wall
    - Counter
  - Soap Dispenser (Elect)
  - Hand Dryer (Elect)
  - Sanitary Napkin Dispenser
  - Sanitary Napkin Disposal Receptacle
  - Toilet Seat Cover Dispenser
  - Grab Bars
  - Cup Dispenser
  - Towel Bar / Hook
  - Wastepaper Receptacle
  - Baby Changing Table
  - Urinal
  - Toilet Partition Type \_\_\_\_\_
  - Janitor/Mop Shelf
  - Other: \_\_\_\_\_

- Casework**
- Wall Cabinets
  - Base Cabinets
  - Drawer Storage
  - Open Shelving
  - Plastic Laminate-Faced
  - Wood
  - Metal
  - Stainless Steel
  - Lockable
  - Other: \_\_\_\_\_

- Counter-tops**
- Stone or Solid Surface
  - Plastic Laminate
  - Epoxy Resin
  - Stainless Steel
  - Concrete
  - Other: \_\_\_\_\_

- Kitchen Equipment**
- Refrigerator  
Qty: \_\_\_\_\_
  - Cook-top
  - Built-in Oven
  - Electric Stove
  - Range-Cooktop/Oven(s)
  - Microwave
  - Dishwasher
  - Ice Machine
  - Disposal

- Other**
- Other: \_\_\_\_\_
  - Lockers
    - Metal
    - PLAM
  - Shelf and Rod
  - Projection Screen
  - Folding Seats
  - Locker Room Benches
  - Markerboard/Tackboard
  - Corner Guards
  - Shower Bench
  - Shower Curtain/Rod/Rings
  - Fixed Locker Room Bench
  - Portable table \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: \_\_\_\_\_
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	Electrical Room	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	500
<b>Adjacencies/Location:</b>			
<b>No. of Occupants:</b>	2	<b>Fire Rating/Storm:</b>	n/a

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<p><b>Base</b></p> <input checked="" type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRP Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____
		<p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____



**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other:

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: Store room \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Originates in Space
  - Stand-by Power Req'd:
    - for: Originates in Space
  - UPS Required
    - for: Originates in Space

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

May be shared with ARFF Electrical

<b>Room Name:</b>	Janitor's Closet	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	60
<b>Adjacencies/Location:</b>	Bathrooms		
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>	n/a

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

- Floor**
- Vinyl Composition Tile
  - Seamless Sheet Vinyl
  - Linoleum
  - Resinous Flooring
  - Terrazzo
  - Ceramic Tile
  - Carpet
  - Sealed Concrete
  - Polished / Stained Concrete
  - Walk-Off Mat
  - Transition Strip
  - Other: \_\_\_\_\_

- Base**
- 4" Resilient (vinyl or rubber)
  - Integral Coved Vinyl
  - Integral Coved Epoxy
  - Integral Carpet
  - Ceramic Tile
  - Glazed CMU
  - Terrazzo
  - Hardwood
  - Painted Wood
  - Other: \_\_\_\_\_

- Ceiling**
- Acoustical Lay-In Tile  
Size \_\_\_\_\_
  - Mylar-Faced Tile
  - Gypsum Board / Painted
  - Plaster
  - Metal Panel
  - Exposed Structure / Painted
  - Exposed Struct / Non-Painted
  - Wood Slat / Plank
  - Height: \_\_\_\_\_
  - Other: \_\_\_\_\_

- Wall Material**
- Exposed Concrete
  - Gypsum Board
  - Tile Backer board
  - Standard CMU
  - Glazed CMU
  - Burnished CMU
  - Other: \_\_\_\_\_

- Wall Finishes**
- Latex Paint
  - Latex Enamel Paint
  - Epoxy Paint
  - Vinyl Wallcovering
  - Ceramic Tile
  - Stone Veneer
  - GFRC Panels
  - Wood Veneer Panels
  - Acoustical STC \_\_\_\_\_
  - Other: \_\_\_\_\_

- Toilet / Locker Room Accessories**
- Mirror – Size \_\_\_\_\_
  - Paper Towel Dispenser
  - Toilet Paper Dispenser
  - Soap Dispenser
    - Wall
    - Counter
  - Soap Dispenser (Elect)
  - Hand Dryer (Elect)
  - Sanitary Napkin Dispenser
  - Sanitary Napkin Disposal Receptacle
  - Toilet Seat Cover Dispenser
  - Grab Bars
  - Cup Dispenser
  - Towel Bar / Hook
  - Wastepaper Receptacle
  - Baby Changing Table
  - Urinal
  - Toilet Partition Type
  - Janitor/Mop Shelf
  - Other: \_\_\_\_\_

- Casework**
- Wall Cabinets
  - Base Cabinets
  - Drawer Storage
  - Open Shelving
  - Plastic Laminate-Faced
  - Wood
  - Metal
  - Stainless Steel
  - Lockable
  - Other: \_\_\_\_\_

- Counter-tops**
- Stone or Solid Surface
  - Plastic Laminate
  - Epoxy Resin
  - Stainless Steel
  - Concrete
  - Other: \_\_\_\_\_

- Kitchen Equipment**
- Refrigerator  
Qty: \_\_\_\_\_
  - Cook-top
  - Built-in Oven
  - Electric Stove
  - Range-Cooktop/Oven(s)
  - Microwave
  - Dishwasher
  - Ice Machine
  - Disposal

- Other**
- Other: \_\_\_\_\_
  - Lockers
    - Metal
    - PLAM
  - Shelf and Rod
  - Projection Screen
  - Folding Seats
  - Locker Room Benches
  - Markerboard/Tackboard
  - Corner Guards
  - Shower Bench
  - Shower Curtain/Rod/Rings
  - Fixed Locker Room Bench
  - \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: Store room \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System
  - Exhaust Fan

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad
  - Mop Sink
- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets
- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: \_\_\_\_\_
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

<b>Room Name:</b>	Kitchen/Breakroom	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	600
<b>Adjacencies/Location:</b>	Open Office		
<b>No. of Occupants:</b>	10	<b>Fire Rating/Storm:</b>	

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input checked="" type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input checked="" type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____ <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____ <p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____ <p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input checked="" type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____ <p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input checked="" type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> Lockable <input type="checkbox"/> Other: _____ <p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input checked="" type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____ <p><b>Kitchen Equipment</b></p> <input checked="" type="checkbox"/> Refrigerator Qty: 2 _____ <input checked="" type="checkbox"/> Cook-top <input checked="" type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input checked="" type="checkbox"/> Microwave <input checked="" type="checkbox"/> Dishwasher <input checked="" type="checkbox"/> Ice Machine <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Other: _____ <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty   1   Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Viny  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATRP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATRP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System
  - Kitchen Hood with Fire Suppression

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits for: Kitchen loads
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd for: Emergency Lighting
  - Stand-by Power Req'd: \_\_\_\_\_
  - UPS Required for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Residential Kitchen designation but provide hood with fire suppression.





# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Large Conference Room	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	900
<b>Adjacencies/Location:</b>	Open Offices		
<b>No. of Occupants:</b>	30	<b>Fire Rating/Storm:</b>	

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input checked="" type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input checked="" type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input checked="" type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size <u>2x2</u> <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Other: _____
		<p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input checked="" type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> Portable table <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: Workstations, TV's

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Bookshelf, Desk and Seating.



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Seating Area	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	100
<b>Adjacencies/Location:</b>	Entry Vestibule, Reception, Admin Office, Public RR		
<b>No. of Occupants:</b>	5	<b>Fire Rating/Storm:</b>	

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<b>Floor</b> <input checked="" type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<b>Wall Material</b> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<b>Casework</b> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<b>Base</b> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<b>Wall Finishes</b> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<b>Counter-tops</b> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<b>Ceiling</b> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size <u>2x2</u> <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<b>Toilet / Locker Room Accessories</b> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<b>Kitchen Equipment</b> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <b>Other</b> Other: _____ <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty 1 \_\_\_\_\_ Size \_3' \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Share with ARFF for Access Controlled Building Entry



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Accessible Restroom	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	03/26/2021	<b>Proposed Room Size:</b>	70
<b>Adjacencies/Location:</b>	Lobby, Watch Room		
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>	

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<b>Floor</b> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input checked="" type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: <u>Seamless</u>	<b>Wall Material</b> <input type="checkbox"/> Exposed Concrete <input type="checkbox"/> Gypsum Board <input checked="" type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<b>Casework</b> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<b>Base</b> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<b>Wall Finishes</b> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input checked="" type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<b>Counter-tops</b> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<b>Ceiling</b> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input checked="" type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<b>Toilet / Locker Room Accessories</b> <input checked="" type="checkbox"/> Mirror – Size _____ <input checked="" type="checkbox"/> Paper Towel Dispenser <input checked="" type="checkbox"/> Toilet Paper Dispenser <input checked="" type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input checked="" type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: <u>Lavatory Trough</u>	<b>Kitchen Equipment</b> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <b>Other</b> Other: _____ <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size 3070
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: STORE ROOM

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATRP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATRP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_



**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System
  - Toilet Exhaust Fan

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: 1
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad
  - Lavatory
- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Manager's Office	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	150
<b>Adjacencies/Location:</b>	Open Offices		
<b>No. of Occupants:</b>	<b>Fire Rating/Storm:</b>		

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<b>Floor</b> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input checked="" type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<b>Wall Material</b> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<b>Casework</b> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<b>Base</b> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<b>Wall Finishes</b> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<b>Counter-tops</b> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<b>Ceiling</b> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size <u>2x2</u> <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<b>Toilet / Locker Room Accessories</b> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<b>Kitchen Equipment</b> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <b>Other</b> Other: _____ <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input checked="" type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Viny  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: Workstation

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Bookshelf, Desk and Seating. View to Airfield.





# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Mechanical Room	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	500
<b>Adjacencies/Location:</b>			
<b>No. of Occupants:</b>	2	<b>Fire Rating/Storm:</b>	n/a

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<b>Floor</b> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<b>Wall Material</b> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<b>Casework</b> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<b>Base</b> <input checked="" type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<b>Wall Finishes</b> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input checked="" type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<b>Counter-tops</b> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<b>Ceiling</b> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<b>Toilet / Locker Room Accessories</b> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<b>Kitchen Equipment</b> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <b>Other</b> Other: _____ <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: Store room

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATRP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATRP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: Equipment Loads
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

May be shared with ARFF





# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Nursing Room	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	05/18/2021	<b>Proposed Room Size:</b>	100
<b>Adjacencies/Location:</b>	Break Room, Restrooms, Offices		
<b>No. of Occupants:</b>	1	<b>Fire Rating/Storm:</b>	

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<b>Floor</b> <input type="checkbox"/> Vinyl Composition Tile <input checked="" type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<b>Wall Material</b> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<b>Casework</b> <input type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input checked="" type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<b>Base</b> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<b>Wall Finishes</b> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<b>Counter-tops</b> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<b>Ceiling</b> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size <u>2x2</u> <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<b>Toilet / Locker Room Accessories</b> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<b>Kitchen Equipment</b> <input checked="" type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <b>Other</b> Other: _____ <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: Workstation

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Cabinet, sink, chair, small refrigerator.



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Open Office Workstation	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	1060
<b>Adjacencies/Location:</b>	Manager's Office, Breakroom, Bathrooms		
<b>No. of Occupants:</b>	26	<b>Fire Rating/Storm:</b>	

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<b>Floor</b> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input checked="" type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<b>Wall Material</b> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<b>Casework</b> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<b>Base</b> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<b>Wall Finishes</b> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<b>Counter-tops</b> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<b>Ceiling</b> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size <u>2x2</u> <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<b>Toilet / Locker Room Accessories</b> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<b>Kitchen Equipment</b> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <b>Other</b> Other: _____ <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Viny  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: Furniture Systems
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd: \_\_\_\_\_
    - for: \_\_\_\_\_
  - UPS Required
    - for: Workstations

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

8 SAOO and 8 AOO Workstations, 3 Supervisor Workstations, 2 Compliance Workstations, 5 Future Growth



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	PPE Gear Storage	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	03/18/2021	<b>Proposed Room Size:</b>	380
<b>Adjacencies/Location:</b>	Open Offices, Work/File Room		
<b>No. of Occupants:</b>		<b>Fire Rating/Storm:</b>	Shelter

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<b>Floor</b> <input checked="" type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<b>Wall Material</b> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<b>Casework</b> <input checked="" type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input checked="" type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<b>Base</b> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<b>Wall Finishes</b> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<b>Counter-tops</b> <input type="checkbox"/> Stone or Solid Surface <input checked="" type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<b>Ceiling</b> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size <u>2x2</u> <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<b>Toilet / Locker Room Accessories</b> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<b>Kitchen Equipment</b> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <b>Other</b> Other: _____ <input checked="" type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> Printer/Copier <input type="checkbox"/> <u>25 lockers</u> <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Viny  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_



**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: \_\_\_\_\_
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	Men's Restroom	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	375
<b>Adjacencies/Location:</b>	Breakroom		
<b>No. of Occupants:</b>	3	<b>Fire Rating/Storm:</b>	Shelter

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input checked="" type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input checked="" type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input checked="" type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input checked="" type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Toilet / Locker Room Accessories</b></p> <input checked="" type="checkbox"/> Mirror – Size _____ <input checked="" type="checkbox"/> Paper Towel Dispenser <input checked="" type="checkbox"/> Toilet Paper Dispenser <input checked="" type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input checked="" type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input checked="" type="checkbox"/> Towel Bar / Hook <input checked="" type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input checked="" type="checkbox"/> Urinal <input checked="" type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____
		<p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input checked="" type="checkbox"/> Shower Bench <input checked="" type="checkbox"/> Shower Curtain/Rod/Rings <input checked="" type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty   1   Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty   1   Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Viny  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System
  - Toilet Exhaust

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: 3
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: 1
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: 2
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel  Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling - Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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<b>Room Name:</b>	Women's Restroom	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	375
<b>Adjacencies/Location:</b>	Breakroom		
<b>No. of Occupants:</b>	3	<b>Fire Rating/Storm:</b>	Shelter

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input checked="" type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____  <p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____  <p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input checked="" type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____  <p><b>Wall Finishes</b></p> <input type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input checked="" type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____  <p><b>Toilet / Locker Room Accessories</b></p> <input checked="" type="checkbox"/> Mirror – Size _____ <input checked="" type="checkbox"/> Paper Towel Dispenser <input checked="" type="checkbox"/> Toilet Paper Dispenser <input checked="" type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input checked="" type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input checked="" type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input checked="" type="checkbox"/> Towel Bar / Hook <input checked="" type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input checked="" type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input checked="" type="checkbox"/> Wall Cabinets <input checked="" type="checkbox"/> Base Cabinets <input checked="" type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____  <p><b>Counter-tops</b></p> <input checked="" type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____  <p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____  <p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input checked="" type="checkbox"/> Shower Bench <input checked="" type="checkbox"/> Shower Curtain/Rod/Rings <input checked="" type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
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**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_1\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_1\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATRP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATRP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System
  - Toilet Exhaust

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: 3
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: 1
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: 2
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: \_\_\_\_\_

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

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# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Small Conference Room	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	300
<b>Adjacencies/Location:</b>	Open Offices		
<b>No. of Occupants:</b>	10	<b>Fire Rating/Storm:</b>	

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input checked="" type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<p><b>Base</b></p> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input checked="" type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input checked="" type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<p><b>Ceiling</b></p> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size <u>2x2</u> <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <p><b>Other</b></p> <input type="checkbox"/> Other: _____
		<input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input checked="" type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> Portable table <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____



**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
  - Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
  - Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: \_\_\_\_\_
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: Workstations, TV's

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
  - Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
  - Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Seating, Tables.

<b>Room Name:</b>	Telecommunications Room	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	150
<b>Adjacencies/Location:</b>			
<b>No. of Occupants:</b>	Unoccupied	<b>Fire Rating/Storm:</b>	N/A

**ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES**

<p><b>Floor</b></p> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Carpet <input checked="" type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<p><b>Wall Material</b></p> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board to Deck <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<p><b>Casework</b></p> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<p><b>Base</b></p> <input checked="" type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<p><b>Wall Finishes</b></p> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input type="checkbox"/> Acoustical STC _____ <input checked="" type="checkbox"/> Other: Plywood – fire rated "AC" grade 6" from floor to 8'-6", with white fire retardant paint all 6 sides, installed C side out, with fire rating stamps exposed.	<p><b>Counter-tops</b></p> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<p><b>Ceiling</b></p> <input type="checkbox"/> Acoustical Lay-In Tile Size _____ <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input checked="" type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<p><b>Toilet / Locker Room Accessories</b></p> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<p><b>Kitchen Equipment</b></p> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <input type="checkbox"/> Other: _____
		<p><b>Other</b></p> <input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: Store room

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vinyl  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: Equipment Loads
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: Equipment Loads

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**

Racks must be segregated from ARFF/DFR.



# Room Data Sheet

Project Name: DAL ARFF Station 21  
Project #: 4665103-201190.01

<b>Room Name:</b>	Training Workstations	<b>Airside Operations:</b>	
<b>Date Last Revised:</b>	04/19/2021	<b>Proposed Room Size:</b>	290
<b>Adjacencies/Location:</b>	Open Office, Breakroom, Bathrooms		
<b>No. of Occupants:</b>	2	<b>Fire Rating/Storm:</b>	

### ARCHITECTURAL FINISHES / MATERIALS / ACCESSORIES

<b>Floor</b> <input type="checkbox"/> Vinyl Composition Tile <input type="checkbox"/> Seamless Sheet Vinyl <input type="checkbox"/> Linoleum <input type="checkbox"/> Resinous Flooring <input type="checkbox"/> Terrazzo <input type="checkbox"/> Ceramic Tile <input checked="" type="checkbox"/> Carpet <input type="checkbox"/> Sealed Concrete <input type="checkbox"/> Polished / Stained Concrete <input type="checkbox"/> Walk-Off Mat <input type="checkbox"/> Transition Strip <input type="checkbox"/> Other: _____	<b>Wall Material</b> <input type="checkbox"/> Exposed Concrete <input checked="" type="checkbox"/> Gypsum Board <input type="checkbox"/> Tile Backer board <input type="checkbox"/> Standard CMU <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Burnished CMU <input type="checkbox"/> Other: _____	<b>Casework</b> <input type="checkbox"/> Wall Cabinets <input type="checkbox"/> Base Cabinets <input type="checkbox"/> Drawer Storage <input type="checkbox"/> Open Shelving <input type="checkbox"/> Plastic Laminate-Faced <input type="checkbox"/> Wood <input type="checkbox"/> Metal <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Lockable <input type="checkbox"/> Other: _____
<b>Base</b> <input type="checkbox"/> 4" Resilient (vinyl or rubber) <input type="checkbox"/> Integral Coved Vinyl <input type="checkbox"/> Integral Coved Epoxy <input type="checkbox"/> Integral Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Glazed CMU <input type="checkbox"/> Terrazzo <input type="checkbox"/> Hardwood <input type="checkbox"/> Painted Wood <input type="checkbox"/> Other: _____	<b>Wall Finishes</b> <input checked="" type="checkbox"/> Latex Paint <input type="checkbox"/> Latex Enamel Paint <input type="checkbox"/> Epoxy Paint <input type="checkbox"/> Vinyl Wallcovering <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Stone Veneer <input type="checkbox"/> GFRC Panels <input type="checkbox"/> Wood Veneer Panels <input checked="" type="checkbox"/> Acoustical STC _____ <input type="checkbox"/> Other: _____	<b>Counter-tops</b> <input type="checkbox"/> Stone or Solid Surface <input type="checkbox"/> Plastic Laminate <input type="checkbox"/> Epoxy Resin <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: _____
<b>Ceiling</b> <input checked="" type="checkbox"/> Acoustical Lay-In Tile Size <u>2x2</u> <input type="checkbox"/> Mylar-Faced Tile <input type="checkbox"/> Gypsum Board / Painted <input type="checkbox"/> Plaster <input type="checkbox"/> Metal Panel <input type="checkbox"/> Exposed Structure / Painted <input type="checkbox"/> Exposed Struct / Non-Painted <input type="checkbox"/> Wood Slat / Plank <input type="checkbox"/> Height: _____ <input type="checkbox"/> Other: _____	<b>Toilet / Locker Room Accessories</b> <input type="checkbox"/> Mirror – Size _____ <input type="checkbox"/> Paper Towel Dispenser <input type="checkbox"/> Toilet Paper Dispenser <input type="checkbox"/> Soap Dispenser <input type="checkbox"/> Wall <input type="checkbox"/> Counter <input type="checkbox"/> Soap Dispenser (Elect) <input type="checkbox"/> Hand Dryer (Elect) <input type="checkbox"/> Sanitary Napkin Dispenser <input type="checkbox"/> Sanitary Napkin Disposal Receptacle <input type="checkbox"/> Toilet Seat Cover Dispenser <input type="checkbox"/> Grab Bars <input type="checkbox"/> Cup Dispenser <input type="checkbox"/> Towel Bar / Hook <input type="checkbox"/> Wastepaper Receptacle <input type="checkbox"/> Baby Changing Table <input type="checkbox"/> Urinal <input type="checkbox"/> Toilet Partition Type _____ <input type="checkbox"/> Janitor/Mop Shelf <input type="checkbox"/> Other: _____	<b>Kitchen Equipment</b> <input type="checkbox"/> Refrigerator Qty: _____ <input type="checkbox"/> Cook-top <input type="checkbox"/> Built-in Oven <input type="checkbox"/> Electric Stove <input type="checkbox"/> Range-Cooktop/Oven(s) <input type="checkbox"/> Microwave <input type="checkbox"/> Dishwasher <input type="checkbox"/> Ice Machine <input type="checkbox"/> Disposal <b>Other</b> Other: _____
		<input type="checkbox"/> Lockers <input type="checkbox"/> Metal <input type="checkbox"/> PLAM <input type="checkbox"/> Shelf and Rod <input type="checkbox"/> Projection Screen <input type="checkbox"/> Folding Seats <input type="checkbox"/> Locker Room Benches <input checked="" type="checkbox"/> Markerboard/Tackboard <input type="checkbox"/> Corner Guards <input type="checkbox"/> Shower Bench <input type="checkbox"/> Shower Curtain/Rod/Rings <input type="checkbox"/> Fixed Locker Room Bench <input type="checkbox"/> <u>2 – Driving Simulators 6x8</u>  <input type="checkbox"/> <u>2 - Workstation</u> <input type="checkbox"/> <u>Instructor's Desk</u>

**ARCHITECTURAL OPENINGS**

- Doors**
- Hollow Metal  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Vision Panel
  - Aluminum Entrance Door  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - All-glass
  - Sectional Overhead Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Coiling Service Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Sliding Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Bi-parting Rolling Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Four-Fold Doors  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Acoustical STC  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Other: \_\_\_\_\_

- Door Frames**
- Aluminum
  - Hollow Metal
  - Wood
  - Borrowed Lite (side or transom)
  - Removable Mullion
  - Other: \_\_\_\_\_

- Finish Hardware**
- Privacy Lock
  - Passage Set
  - Push / Pull
  - Door Closer
  - Hold Open
  - Kick Plate
  - Electrical Swipe / Keypad
  - Panic Device
  - Secured Door / Alarm
  - Electric Hold-open
  - Threshold
  - Bumper / Stop
    - Floor
    - Wall
  - Weatherproofing
  - Smoke Gaskets
  - Light Seals
  - Acoustical Seals
  - Remote Operation
  - Other: \_\_\_\_\_

- Windows**
- Fixed:  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Operable  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Steel  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Wood  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Viny  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Fiberglass  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Aluminum Clad  
Qty \_\_\_\_\_ Size \_\_\_\_\_
  - Insect Screens
  - Security Screens
  - ATFP
  - Other: \_\_\_\_\_

- Glazing**
- Tempered
  - Wire
  - Polycarbonate
  - Laminated
  - Translucent
  - Acoustical STC \_\_\_\_\_
  - ATFP
  - Rating: \_\_\_\_\_
  - Other: \_\_\_\_\_

**BUILDING ENGINEERING SYSTEMS**

- Structural**
- Vibration Sensitivity
  - Recessed Floor Area
  - Special Floor Loading
  - Ceiling Mounted Equipment
  - Overhead Equipment

- HVAC**
- Heating
  - Air Conditioning
  - Evaporative Cooling
  - Humidity Control
  - Positive Pressure
  - Negative Pressure
  - Special Ventilation Needs
  - Radiant Floors
  - Thermostat
  - Vehicle Exhaust System

- Plumbing**
- Fixtures**
- Dishwashing Sink
  - Hand Washing Sink-Qty: \_\_\_\_\_
  - Drinking Fountain
  - Shower
    - Grab Bars
  - Urinal-Qty: \_\_\_\_\_
  - Eye Wash(s)
  - Safety Shower(s)
  - Water Closet- Qty: \_\_\_\_\_
    - Grab Bars
  - Floor Drain(s)
    - Trench Drain
    - Box Drain
  - Slop Sink
  - Clothes Washer
  - PPE Extractor
  - Housekeeping Pad

- Faucets**
- Single Control
  - Separate Hot / Cold
  - High Arc
  - Sprayer
  - Touchless (Electric)
  - Hose Faucets

- Gases**
- Compressed Air
  - Reel
  - Vacuum
  - Gas
  - Steam
- Other: \_\_\_\_\_

- Fire Protection**
- Sprinkler System Types**
- Wet Pipe System
  - Dry Pipe System
  - Pre-Action System
  - Halon Equivalent System

- Detection Methods**
- Smoke Detectors
  - Heat Detectors
  - Air Flow Monitoring
- Other: \_\_\_\_\_

- Electrical**
- Power Requirements**
- 120V
  - 208V ~ 1 Phase
  - 208V ~ 3 Phase
  - 277V ~ 1 Phase
  - 480V ~ 3 Phase

- Power Supply Features**
- Explosion Proof Fixtures
  - GFCI Outlets
    - Panel
    - Local
  - Floor Outlets
  - Dedicated Circuits
    - for: Furniture Feeds
  - Outlet Reels from abv

- Emergency Systems**
- Emergency Power Req'd
    - for: Emergency Lighting
  - Stand-by Power Req'd:
    - for: \_\_\_\_\_
  - UPS Required
    - for: Workstations, TV's

- Illumination**
- 2x4 or 2x2
  - Recessed Ceiling Lights
  - Wall Sconces
  - Decorative Hanging
  - Indirect - Cove
  - Strip Light
  - Ceiling – Surface Mounted
  - Under-counter
  - Directional

- Electrical**
- Lighting Requirements**
- General
  - Task Lighting
  - Multi-Level Control
  - Motion Sensor Activated
  - Daylight Sensor Activated
  - Dimmer
  - Night Light
- Other: \_\_\_\_\_

- Miscellaneous**
- Ceiling Fan
  - HVLS Fan
  - Electric Clock
  - Laundry Dryer

- Special Systems**
- Security / Access Control**
- Remote Control Keyless
  - Card Access
  - Alarmed Door
  - Motion Sensors
  - Closed Circuit Television
  - Cameras

- General**
- Humidity / Temperature
  - Power Interruption / Failure
  - Equipment Failure
- Other: \_\_\_\_\_

- Communication**
- Telephone Connections
  - Intercom System
  - Data Connections
  - Public Address System
  - Cable Television
  - Audio/Visual System
  - Wireless
  - Z-Tron/Crash Alert

**SPECIAL EQUIPMENT / SPECIAL CONDITIONS / COMMENTS:**





- 2 – Driving Simulators 6x8
- 2 – Training Workstations



**APPENDIX D: ADJACENCY MATRIX  
AND BUBBLE DIAGRAM**

# ADJACENCY MATRIX

DALLAS LOVE FIELD -  
ARFF FACILITY

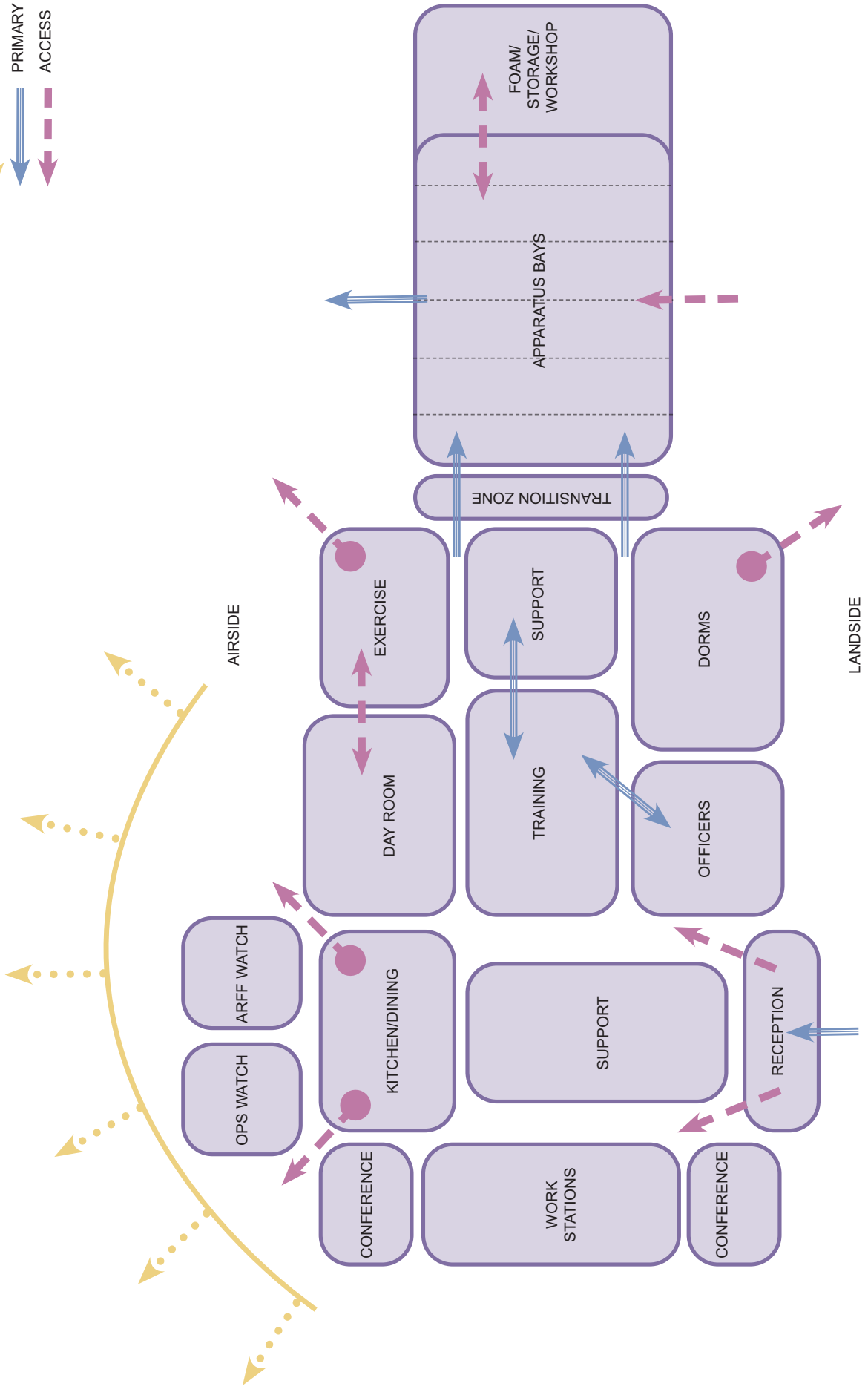
-  Required Adjacency
-  Preferred Adjacency
-  Optional Adjacency
-  No Adjacency

APPARATUS AND SUPPORT		APPARATUS AND SUPPORT		TRANSITION ZONE		HOUSE ZONE		BUILDING SERVICES	
APPARATUS BAYS		APPARATUS BAYS		APPARATUS BAY STORAGE		UTILITY/JANITOR CLOSET		WATCH ROOM	
BATTALION CHIEF BAY		BATTALION CHIEF BAY		HOSE DRY		LOCKER		WATCH ROOM	
DECONTAMINATION ROOM		DECONTAMINATION ROOM		SCBA STORAGE		LAUNDRY ROOM		WATCH ROOM	
GEAR WASH / DRY ROOM		GEAR WASH / DRY ROOM		WORKSHOP STORAGE		BATTERY CHARGING		WATCH ROOM	
EMERGENCY GENERATOR		EMERGENCY GENERATOR		WORKSHOP		FIRST AID STORAGE		WATCH ROOM	
ELECTRICAL ROOM		ELECTRICAL ROOM		COMPLEMENTARY AGENT STORAGE		DECON BATHROOMS		WATCH ROOM	
PPE GEAR ROOM		PPE GEAR ROOM		FOAM AGENT STORAGE		Air Lock Vestibule		WATCH ROOM	
MAINTENANCE BAY		MAINTENANCE BAY		MAINTENANCE BAY				WATCH ROOM	
FOAM AGENT STORAGE		FOAM AGENT STORAGE		PPE GEAR ROOM				WATCH ROOM	
COMPLEMENTARY AGENT STORAGE		COMPLEMENTARY AGENT STORAGE		ELECTRICAL ROOM				WATCH ROOM	
WORKSHOP		WORKSHOP		EMERGENCY GENERATOR				WATCH ROOM	
WORKSHOP STORAGE		WORKSHOP STORAGE		CLEAN/DISENTECT ROOM				WATCH ROOM	
SCBA STORAGE		SCBA STORAGE		DECONTAMINATION ROOM				WATCH ROOM	
HOSE DRY		HOSE DRY		BATTALION CHIEF BAY				WATCH ROOM	
APPARATUS BAY STORAGE		APPARATUS BAY STORAGE		APPARATUS BAYS				WATCH ROOM	
<b>Transition Zone</b>									
AIR LOCK VESTIBULE		AIR LOCK VESTIBULE							
DECON BATHROOMS		DECON BATHROOMS							
FIRST AID STORAGE		FIRST AID STORAGE							
BATTERY CHARGING		BATTERY CHARGING							
LAUNDRY ROOM		LAUNDRY ROOM							
LOCKER		LOCKER							
UTILITY/JANITOR CLOSET		UTILITY/JANITOR CLOSET							
<b>HOUSE ZONE</b>									
WATCH ROOM		WATCH ROOM							
WATCH RESTROOM		WATCH RESTROOM							
DAY ROOM		DAY ROOM							
KITCHEN		KITCHEN							
DINING ROOM		DINING ROOM							
PATIO		PATIO							
DORMITORIES		DORMITORIES							
OFFICER QUARTERS		OFFICER QUARTERS							
CAPTAIN QUARTERS		CAPTAIN QUARTERS							
LT QUARTERS		LT QUARTERS							
BATTALION CHIEF OFFICE		BATTALION CHIEF OFFICE							
BC BATHROOM		BC BATHROOM							
OFFICERS RESTROOM		OFFICERS RESTROOM							
TRAINING ROOM		TRAINING ROOM							
TRAINING ROOM STORAGE		TRAINING ROOM STORAGE							
STUDY ROOM		STUDY ROOM							
EXERCISE		EXERCISE							
OFFICERS SM. CONF ROOM		OFFICERS SM. CONF ROOM							
WORK ROOM		WORK ROOM							
CONFERENCE ROOM		CONFERENCE ROOM							
ENTRY VESTIBULE		ENTRY VESTIBULE							
<b>BUILDING SERVICES</b>									
JANITOR CLOSET		JANITOR CLOSET							
MECHANICAL		MECHANICAL							
FIRE RISER		FIRE RISER							
IT CLOSET		IT CLOSET							
TRASH/RECYCLING ROOM		TRASH/RECYCLING ROOM							



**LEGEND**

- VIEWS
- PRIMARY ACCESS
- ACCESS



**Mead  
& Hunt**