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| **APPARATUS BAY** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** The Apparatus Bays house the fire protection vehicles. Drive-through bays are preferable. All bays must accommodate the latest and largest structural and ARFF vehicles. Each bay of the Apparatus Room must include the required support utilities (drops) for vehicles such as exhaust, compressed air, hot and cold water, lighting, and power.  **Special Dimensions:**  Ideal Plan Dimensions: See UFC 4-730-10, Appendix D, Figures, for samples of how the apparatus bay lays out  Minimum Ceiling Height: 14 ft. (4.26 m)  **Acoustics:**  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** Ensure both the internal floor slope and the approach drive slope allow the fire protection vehicles to transition into and out of the Apparatus Bay without bottoming-out or without impeding driver sightlines. | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| B2030 | Exterior doors |  |  | Provide [14 ft. by 14 ft. (4300 mm by 4300 mm) apparatus bay doors] [For ARFF bays provide 18 ft. by 18 ft. (5500 mm by 5500 mm) doors as recommended by NFPA 403 on both sides (even if ARFF vehicles are only intended to be housed on one side of a double bay to permit drive through and to allow flexibility of use)] with [electric eye] [and] [automatic reverse device].  Provide manual means to open doors in case of power failure.  [If solid door panels are used, provide insulated doors.]  [Provide doors with radio-operated closing devices that can be activated from the vehicle.] |
| C3010 | Walls |  |  | Epoxy painted CMU. |
| C3020 | Floor |  |  | Provide a sealed concrete surface.  Slope floor to trench drains.  [Provide a non-skid, low-maintenance traffic coating.] |
| C3030 | Ceiling |  |  | [Finished] Exposed structure.  Coordinate mechanical, electrical and plumbing components. None of the ceiling components can be located below minimum ceiling height. |
| D20 | Plumbing |  |  | Provide minimum 3-in.- (75-mm-) diameter water service with 2.5-in.- (62-mm-) diameter National Standard Threads ball-valve outlet to each vehicle.  Provide standard hot and cold water hose bibb for every two truck bays.  Provide compressed air system on self-retracting lines at each vehicle bay. |
| D20 | Plumbing |  |  | Provide an emergency eye wash fountain and shower.  Provide foot-operated mop sink. |
| D20 | Plumbing |  |  | Provide floor trench drains parallel to the centerline of each vehicle. |
| D50 | Power |  |  | Locate all outlets at 900 mm (36 in. (900 mm) above finished floor. Provide self-retracting electric drop cords between vehicles that can reach to either end of the bay. |
| D5020 | Lighting |  |  | Lighting shall have an instant-start feature. Provide doors with a signaling system to indicate fully raised doors. A red/green indicator should be located on the driver’s side at 1800 mm (72 in. (1800 mm) above finished floor. |
| D503001 | Phone |  |  | Provide one line with internal two-way communication. |
| D503001 | Data |  |  | Provide data drops as required by equipment. |
| D503003 | Intercommunications system |  |  | Provide speakers and horns with visual element. |
| D503005 | Security system |  |  | Provide interior and exterior CCTV camera outlets located to provide adequate coverage of the Apparatus Bay and facility’s main entrance. |

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| **PPE GEAR STORAGE** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** The Personal Protective Equipment (PPE) area provides storage for the firefighters’ protective gear. A well-ventilated locker is assigned to each member of the firefighting crew. Sufficient floor area in front of each locker is required for easy access during emergencies. Typically located along the side walls of the Apparatus Room.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:**  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** The area is kept under constant negative pressure to evacuate gaseous emissions from stored gear. | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C10 | Interior construction |  |  | Provide open 24 in. by 24 in. (600 mm by 600 mm) by 6 ft. (1800 mm) high wire mesh metal locker that includes shelves and clothes hook.  Locker layout should permit free air circulation around and throughout clothing. |
| C3010 | Walls |  |  | [Industrial latex] [epoxy] painted CMU |
| C3020 | Floor |  |  | Sealed concrete. |
| C3030 | Ceiling |  |  | [Exposed structure.] [ACP.] [[Industrial latex] [Epoxy] painted GWB] if space is not a part of Apparatus Room.] |
| D20 | Plumbing |  |  | Floor drain [Provide a hose bib if space is part of Apparatus Room.] |
| D30 | HVAC |  |  | Provide negative pressure with dedicated exhaust vented to the outside. |
| D5020 | Lighting |  |  | 50 ft. candles (540 Lux) with fluorescent energy efficient light fixtures. |
| D503003 | Intercommunications system |  |  | Provide speakers and horns with visual element. |

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| **HOSE STORAGE** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** This area provides for storage of hoses. Hoses are rolled and stored on fixed or mobile storage racks.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:**  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** Ensure space is well ventilated. | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C3010 | Walls |  |  | [Industrial latex] [epoxy] painted CMU. |
| C3020 | Floor |  |  | Sealed concrete. |
| C3030 | Ceiling |  |  | Exposed structure. |
| D20 | Plumbing |  |  | Floor drain [and hose bibb]. |
| D5020 | Lighting |  |  | Provide 50 ft. candles (540 Lux) with fluorescent energy efficient light fixtures. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| E10 | Equipment |  |  | Racks for roll-up hose storage. [Provide a hose drying oven when directed by Activity for areas where required by climatic conditions.] |

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| **SCBA MAINTENANCE/COMPRESSOR ROOM** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** The Self-Contained Breathing Apparatus (SCBA) Maintenance Room is used for the maintenance and minor repair of the SCBA equipment. Separate but directly adjacent is the dedicated SCBA Compressor Room, which houses the main compressor unit used to charge the apparatus with filtered air. Ensure direct access between these rooms.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:** 52 STC  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C3010 | Walls |  |  | [Industrial latex] [epoxy] painted CMU. |
| C3020 | Floor |  |  | Sealed concrete. |
| C3030 | Ceiling |  |  | Exposed structure. |
| D20 | Plumbing |  |  | Provide compressed air lines from the Compressor Room to SCBA Maintenance Room. Provide a floor drain. |
| D30 | HVAC |  |  | Provide positive pressure ventilation to prevent contamination. |
| D5020 | Lighting |  |  | Provide 50 ft. candles (540 Lux) with fluorescent energy efficient light fixtures. |
| D503001 | Phone |  |  | Provide one line with internal two-way communication. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| E20 | Furnishings |  |  | Equipment safety cage, industrial grade 24 in. (610 mm) minimum work bench, storage shelving, and spare parts bin. |

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| **PROTECTIVE CLOTHING LAUNDRY** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** Protective Clothing Laundry Room is utilized to wash and disinfect firefighters’ protective clothing/gear. The room should accommodate large commercial-grade washers and dryers and a drip-dry rack. Locate room with direct access to the exterior, Equipment Maintenance/Wash/ Disinfection Room, and Apparatus Bay.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:**  **Access:**  **Number of Occupants:**  **Other/special requirements:** | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C3010 | Walls |  |  | [Industrial latex] [epoxy] painted CMU. |
| C3020 | Floor |  |  | Sealed concrete. |
| C3030 | Ceiling |  |  | Moisture-resistant [ACP] [GWB]. |
| D20 | Plumbing |  |  | Water supply and drain to each washer. Floor drain. |
| D30 | HVAC |  |  | Provide negative pressure ventilation. |
| D5020 | Lighting |  |  | Provide 50 ft. candles (540 Lux) with fluorescent energy efficient light fixtures. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| E10 | Equipment |  |  | Large, high-capacity, industrial extractors and dryers that comply with NFPA 1851 and NFPA 1581. Provide one additional dryer per extractors. Extractors must be mounted on concrete foundations. |
| E20 | Equipment |  |  | Provide a stainless steel table for laundry folding. [Provide protective clothing drying stands/hanging racks.] |

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| **EQUIPMENT MAINTENANCE/WASH/DISINFECTION** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** The maintenance area is used for the minor repair and maintenance of firefighters’ equipment. The wash/disinfection area is located adjacent to the maintenance area. It includes a wash-off area where incoming equipment can be washed, desalinated, and dried. When fire trucks return from a fire or other event, equipment is brought into this area for cleaning and disinfection. The equipment is taken from the truck directly to the wash and disinfection area prior to the truck’s entry into the Apparatus Bay.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:**  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C3010 | Walls |  |  | Provide [industrial latex] [epoxy] painted CMU [with a stainless steel wainscot in wash area]. |
| C3020 | Floor |  |  | Sealed concrete. |
| C3030 | Ceiling |  |  | Moisture-resistant [ACP] [GWB]. |
| D20 | Maintenance area |  |  | Provide compressed air supply. Floor drain. |
| D20 | Wash/disinfection area |  |  | Service sink with hose and spray nozzle.  Provide a minimum three-compartment stainless steel sink and a drip dryer rack.  Provide an oil-water separator with holding tank.  Provide compressed air supply. |
| D30 | HVAC |  |  | Provide negative pressure ventilation in both rooms. |
| D5020 | Lighting |  |  | Provide 50 ft. candles (540 Lux) with fluorescent energy efficient light fixtures. Provide task lighting at work/service bench. |
| D503001 | Phone |  |  | Provide one line with internal two-way communication. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| E20 | Furnishings - Maintenance area |  |  | Provide industrial grade 24 in. (610 mm) minimum work bench with storage shelving and spare parts bins. [Hanging racks.] [Ppen shelf storage units.] |
| E20 | Furnishings - Wash/disinfection area |  |  | Provide an 8 ft. by 4 ft. (2400 mm by 1200 mm) stainless steel work table. |

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| **EMT STORAGE AND MEDICAL STORAGE CABINET** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** The EMT Storage area is for storage of basic first aid supplies. It must be directly adjacent to the Apparatus Bay. The space must be fully conditioned. The Medical Storage Cabinet is often a cabinet or subspace within the EMT Storage area and is for storage of drugs, needles, and other restricted medical supplies. Access to EMT Storage is restricted and controlled to prevent theft and abuse of controlled substances.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:**  **Access:** Staff, restricted  **Number of Occupants:**  **Other/special requirements:** | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C10 | Interior construction |  |  | Provide wall shelving units. [Shelving may be free standing FF&E (E20)]  Provide a lockable cabinet for the EMT Storage to store drugs and other restricted supplies.  [Provide a keyed lock set at the access point to the space.] |
| C3010 | Walls |  |  | [Industrial latex] [epoxy] painted CMU. |
| C3020 | Floor |  |  | Low-maintenance [sheet] [tile] vinyl flooring. Vinyl base. |
| C3030 | Ceiling |  |  | ACP. |
| D5020 | Lighting |  |  | Provide 50 ft. candles (540 Lux) with fluorescent energy efficient light fixtures. |
| E20 | Furnishings |  |  | [Shelving.] |

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| **HAZMAT/CBRNE EQUIPMENT STORAGE** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** HAZMAT/CBRNE Equipment Storage is a dedicated storage room housing only equipment classified for use with hazardous materials. Provide sufficient floor and open shelf storage areas.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:**  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C3010 | Walls |  |  | Industrial latex painted CMU. |
| C3020 | Floor |  |  | Sealed concrete. |
| C3030 | Ceiling |  |  | Exposed structure. |
| D30 | HVAC |  |  | Provide negative pressure with dedicated exhaust vented to the outside. |
| D5020 | Lighting |  |  | Provide 20 ft. candles (215 Lux) with fluorescent energy efficient light fixtures. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| E20 | Furnishings |  |  | Provide industrial and large-item storage shelving units. |

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| **AGENT STORAGE** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** Agent Storage is typically a single-story structure separate from the fire station building. It should be located along the drive leading into the Apparatus Bay for ease of loading and unloading of firefighting agents. In some cases, it may be attached to the main structure.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:**  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| B2030 | Exterior doors |  |  | Provide [insulated] [double] [overhead-type] exterior doors.  [Provide insulated doors in locations where required by climatic conditions.] |
| C3010 | Walls |  |  | [CMU.] [Metal stud construction with plywood sheathing for protection.] |
| C3020 | Floor |  |  | Sealed concrete. |
| C3030 | Ceiling |  |  | Exposed structure. |
| [D30 | HVAC |  |  | Provide heating where required by location to prevent agents from freezing.] |
| D5020 | Lighting |  |  | Provide 20 ft. candles (215 Lux) with fluorescent energy efficient light fixtures. |

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| **[SPARE PPE GEAR STORAGE]** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** This space serves to store extra PPE gear for firefighters and reservists currently not on duty, if required by Installation mission requirements. The space includes gear lockers with an open shelving storage system.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:**  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** Locker layout should permit free air circulation around and throughout clothing. | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C10 | Interior construction |  |  | Provide open 24 in. by 24 in. by 72 in. (600 mm by 600 mm by 1800 mm) high wire mesh metal lockers that include shelves and clothes hooks. |
| C3010 | Walls |  |  | [Industrial latex] [epoxy] painted CMU. |
| C3020 | Floor |  |  | Sealed concrete. |
| C3030 | Ceiling |  |  | Exposed structure. |
| D5020 | Lighting |  |  | Provide 20 ft. candles (215 Lux) with fluorescent energy efficient light fixtures. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |

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| **[FIRE EXTINGUISHER (NON FLIGHTLINE) MAINTENANCE AND STORAGE]** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** The Non-Flightline Fire Extinguisher Maintenance and Storage includes an indoor storage/maintenance room and possibly an outdoor storage area. The indoor storage/maintenance room accommodates a work bench for maintenance and service of extinguishers. The outdoor storage area is covered and enclosed with a secured screen.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:**  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** This may be combined with the Flightline Fire Extinguisher Maintenance and Storage Area and made as one space with no dividing walls. Locate access to Fire Extinguisher Maintenance and Storage away from Apparatus Bay exterior circulation. | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| B2030 | Exterior doors |  |  | Provide double leaf doors to exterior. |
| C3010 | Walls |  |  | [Industrial latex] [epoxy] painted CMU. |
| C3020 | Floor |  |  | Sealed concrete. |
| C3030 | Ceiling |  |  | Exposed structure. |
| D20 | Plumbing |  |  | Provide a hose bibb and floor drain.  Provide eye wash fountain in Maintenance Room.  Provide a compressed air system with self-retracting lines at the work bench. |
| D30 | HVAC |  |  | Provide negative pressure ventilation with an exhaust hood. Provide fume discharge to the exterior. |
| D5020 | Lighting |  |  | Provide 50 ft. candles (540 Lux) with fluorescent energy efficient light fixtures.  Provide task lighting at work/service bench. |
| D503001 | Phone |  |  | Provide one line with internal two-way communication. |
| D503001 | Data |  |  | Provide quad outlet at work bench and where required to accommodate equipment. |
| D503003 | Internal communications |  |  | Provide a speaker. |
| E10 | Equipment |  |  | Floor scale. |
| E20 | Furnishings |  |  | Provide industrial grade 24 in. (610 mm) minimum work bench, storage shelving, flammable storage locker, and spare parts bin. |

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| **[FIRE EXTINGUISHER (FLIGHTLINE) MAINTENANCE AND STORAGE]** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** The Fire Extinguisher Maintenance and Storage includes two parts: outdoor storage and indoor storage/maintenance room. The indoor storage/maintenance room accommodates a work bench for service of extinguishers. The outdoor storage area is covered, enclosed with a secured screen, and accommodates tank recovery, spare tanks, and spare gaseous agent re-servicing tanks.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:**  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** This may be combined with the Non-Flightline Fire Extinguisher Maintenance and Storage Area and made into one space with no dividing walls. Locate access to Fire Extinguisher Maintenance and Storage away from Apparatus Bay exterior circulation. | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| B2030 | Exterior Doors |  |  | [Double leaf] [overhead-type] exterior doors. |
| C3010 | Walls |  |  | [Industrial latex] [epoxy] painted CMU. |
| C3020 | Floor |  |  | Sealed concrete. |
| C3030 | Ceiling |  |  | Exposed structure. |
| D20 | Plumbing |  |  | Provide a hose bibb and floor drain.  Provide a compressed air system with self-retracting lines at the work bench. |
| D30 | HVAC |  |  | Provide negative pressure with dedicated exhaust vented to the outside.  Provide an exhaust hood. |
| D5020 | Lighting |  |  | Provide 50 ft. candles (540 Lux) with fluorescent energy efficient light fixtures.  Provide task lighting at work/service bench. |
| D503001 | Phone |  |  | Provide one line with internal two-way communication. |
| D503001 | Data |  |  | Provide quad outlet at work bench and where required to accommodate equipment. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| E10 | Equipment |  | [if halon is used, accommodate a 1500 lb (690 kg) cylinder] | Provide cylinder for extinguishing agent recovery [with remote fill-status gauge].  Provide agent and nitrogen storage, dry chemical extinguisher recharge kit, and a floor scale.  [Place the agent recovery tanks outside the exterior wall of this room and connect via utility lines to a discharge point inside the room. Provide a remote gauge in the room that displays the tank’s fill status.] |
| E20 | Furnishings |  |  | Provide industrial grade 610 mm (24 in. (610 mm) minimum work bench, storage shelving, spare parts bin, flammable storage locker. |

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| **[VEHICLE MAINTENANCE BAY]** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** This space is mainly used to service and repair firefighting vehicles, if required by Installation mission requirements. At times, this bay may be used as an additional Apparatus Bay as well. The bay is sized to accommodate the largest vehicle and the equipment required to service it. Similar to the Apparatus Bay, the Vehicle Maintenance Bay should be a drive-through.  **Special Dimensions:**  Ideal Plan Dimensions: See UFC 4-730-10, Appendix D, Figures, for samples of how the apparatus bay lays out  Minimum Ceiling Height: 14 ft. (4.26 m)  **Acoustics:**  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** Ensure both the internal floor slope and the approach drive slope allow the fire protection vehicles to transition into and out of the Apparatus Bay without bottoming-out or without impeding driver sightlines. | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| B2030 | Exterior doors |  |  | Provide [14 ft. by 14 ft. (4300 mm by 4300 mm) apparatus bay doors] [For ARFF bays provide 18 ft. by 18 ft. (5500 mm by 5500 mm) doors as recommended by NFPA 403 on both sides (even if ARFF vehicles are only intended to be housed on one side of a double bay to permit drive through and to allow flexibility of use)] with [electric eye] [and] [automatic reverse device].  Provide manual means to open doors in case of power failure.  [If solid door panels are used, provide insulated doors.]  [Provide doors with radio-operated closing devices that can be activated from the vehicle.] |
| C3010 | Walls |  |  | Epoxy painted CMU. |
| C3020 | Floor |  |  | Provide a sealed concrete surface. [Provide a non-skid, low-maintenance traffic coating.] Slope floor to trench drains. |
| C3030 | Ceiling |  |  | Coordinate mechanical, electrical and plumbing components. None of the ceiling components can be located below minimum ceiling height. |
| D20 | Plumbing |  |  | Provide minimum 3-in.- (75-mm-) diameter water service with 2.5-in.- (62-mm-) diameter National Standard Threads ball-valve outlet to each vehicle.  Provide standard hot and cold water hose bibb for every two truck bays.  Provide compressed air system on self-retracting lines at each vehicle bay. |
| D20 | Plumbing |  |  | Provide an emergency eye wash fountain and shower.  Provide foot-operated mop sink. |
| D20 | Plumbing |  |  | Provide floor trench drains parallel to the centerline of each vehicle. |
| D50 | Power |  |  | Locate all outlets at 900 mm (36 in. (900 mm) above finished floor. Provide power to drop cords between vehicles. |
| D5020 | Lighting |  |  | Lighting shall have an instant-start feature. Provide doors with a signaling system to indicate fully raised doors. A red/green indicator should be located on the driver’s side at 1800 mm (72 in. (1800 mm) above finished floor. |
| D503001 | Phone |  |  | Provide one line with internal two-way communication. |
| D503001 | Data |  |  | Provide data drops as required by equipment. |
| D503003 | Intercommunications system |  |  | Provide speakers and horns with visual element. |
| D503005 | Security system |  |  | Provide interior and exterior CCTV camera outlets located to provide adequate coverage of the Apparatus Bay and facility’s main entrance. |
| E10 | Equipment |  |  | Provide self-retracting electric drop cords between vehicles that can reach to either end of the bay.  [hydraulic lifts] [overhead lift/crane] |
| E20 | Furnishings |  |  | Provide tool storage bins and industrial work benches. |

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| **[VEHICLE MAINTENANCE EQUIPMENT STORAGE]** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** Vehicle Maintenance Equipment Storage is tied to the Vehicle Maintenance Bay and is used to store spare parts and tools required for vehicle maintenance and service. It is only provided if required by Installation mission requirements. It should accommodate shelving storage and adequate floor area for storage of large items such as tires and wheels. This space should be adjacent to the Vehicle Maintenance Office and Vehicle Maintenance Bay.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 14 ft. (4.26 m)  **Acoustics:**  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C3010 | Walls |  |  | Epoxy painted CMU. |
| C3020 | Floor |  |  | Provide a sealed concrete surface. |
| C3030 | Ceiling |  |  | Exposed structure. Coordinate mechanical, electrical and plumbing components. None of the ceiling components can be located below minimum ceiling height. |
| D5020 | Lighting |  |  | Provide 20 ft. candles (215 Lux) with fluorescent energy efficient light fixtures. |
| D503001 | Phone |  |  | Provide one line with internal two-way communication. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| E20 | Furnishings |  |  | Provide industrial or large-item storage shelving units. |

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| **[DEPLOYMENT GEAR STORAGE]** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** This storage space is utilized for storage of firefighting gear required for military deployment, if required by Installation mission requirements. This gear may be used by reservists and/or active duty military personnel.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:**  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** Locker layout should permit free air circulation around and throughout clothing. | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C10 | Interior construction |  |  | Provide open 24 in. by 24 in. by 72 in. (600 mm by 600 mm by 1800 mm) high wire mesh metal lockers that include shelves and clothes hooks. |
| C3010 | Walls |  |  | Epoxy painted CMU. |
| C3020 | Floor |  |  | Provide a sealed concrete surface. |
| C3030 | Ceiling |  |  | Exposed structure. |
| D5020 | Lighting |  |  | Provide 20 ft. candles (215 Lux) with fluorescent energy efficient light fixtures. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |

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| **STATION OFFICER’S OFFICE/[WATCH DESK]** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** The Station Officer’s Office provides space for the station officer and/or company officers to perform their administrative functions. [For Satellite stations the Station Officers office may serve to control public access to the station.] [If a Watch Desk function is required, it is typically included in the Station Officer’s Office. The Watch Desk receives emergency calls from the Dispatch and contains the security monitors for the station. It is usually occupied 24 hours a day/7 days a week.]  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:** 45 STC  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** [Watch desk/dispatch functions require careful coordination between power, communications, equipment, and security design.] | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| B2020 | Exterior Windows |  |  | Provide tinted windows. |
| C10 | Interior construction |  |  | Provide vision panel to the Apparatus Bay. Provide pin pad/cipher electric lock with remote push button release and manual key override. |
| C3010 | Walls |  |  | Egg-shell latex painted [CMU] [GWB]. |
| C3020 | Floor |  |  | Provide [sheet [vinyl] [linoleum]] [[vinyl] [linoleum] tile]. |
| C3030 | Ceiling |  |  | ACP. |
| [D20 | Plumbing |  |  | Provide ADA-accessible toilet if this office functions as watch desk.] |
| D40 | Fire protection |  |  | Provide a smoke detector. |
| D5020 | Lighting – General |  |  | Provide 50 ft. candles (540 Lux) with fluorescent energy efficient light fixtures.  Provide task lighting at control desk. |
| D5020 | Lighting - Firefighter Alert System |  |  | Provide light and audible control for the following elements when the firefighter alert system is activated: Dorm Room lights (the dedicated alert light), corridor lights from Dorm Rooms to Apparatus Bay, and the Apparatus Bay lights. |
| D503001 | Phone |  |  | Provide regular and secure multi-telephone line required to support switch board operation, telephone, and fax. |
| D503001 | Data |  |  | Provide regular and secure data outlets to support required equipment. |
| D503003 | Intercommunications system |  |  | Provide controls. |
| [D503004 | Television system |  |  | Provide CATV outlets.] |
| D503005 | Security system |  |  | Provide outlets to support complete CCTV coverage.  [Provide CCTV monitors, recording equipment, and controls if this office functions as watch desk. Recording system to record all emergency radio and telephone conversations.] |
| E10 | Equipment |  |  | [If this office functions as watch desk, provide the following: control center console (can be built-in casework); modular component workstations to accommodate computers, monitor screens, two-way radios, and audio equipment; wall-mounted Installation grid coordinate map. Provide a 920 mm (36 in. (920 mm) free access area around the entire control console. Provide space for Emergency Information Systems computer.] |
| E20 | Furnishings |  |  | Provide map racks. Provide safes for classified technical manuals.  Provide book cases and ergonomically designed seating.  Window blinds. |

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| **[FIRE CHIEF’S AND DEPUTY FIRE CHIEF’S OFFICES]** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** The Fire Chief’s and Deputy Fire Chief’s Offices are two separate offices that will not exist in every station. When they are both located in a station, they are adjacent to each other and to an administrative assistant and a Chief’s Conference Room. Each office includes a typical office space and workstation. An adjacent private bedroom and private toilet are shared by both offices and should be directly accessible by both offices.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:** 52 STC  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** In large facilities where an Assistant Fire Chief exists, his/her private toilet should be shared with the Deputy Fire Chief, and the Fire Chief should be provided with his/her own private toilet.  There also may be a requirement for a Chief’s Conference Room. If required, this would be directly adjacent to or expand out of the Chief’s Office. It provides space for a small conference table for 8 to 10 people. | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C10 | Interior construction |  |  | Provide toilet and shower accessories. |
| C3010 | Walls - Office/sleeping room |  |  | Egg-shell latex painted [CMU] [GWB]. |
| C3010 | Walls - Toilet/shower |  |  | Moisture-resistant gypsum wall board, with ceramic tile wainscot, and semi-gloss industrial latex-based paint |
| C3020 | Floor - Office/sleeping room |  |  | Commercial carpeting with vinyl base. |
| C3020 | Floor - Toilet/shower |  |  | Provide [porcelain tile] [sheet [vinyl] [linoleum] and vinyl base] [[vinyl] [linoleum] tile and vinyl base] |
| C3030 | Ceiling - Office/sleeping room |  |  | [ACP.] [GWB.] |
| C3030 | Ceiling - Toilet/shower |  |  | Moisture-resistant gypsum wall board and semi-gloss industrial latex-based paint. |
| D201001 | Water Closets | 1 |  | Provide [wall] [floor] mounted [flush tank] [dual function flush tank] water closets. |
| D201003 | Lavatory | 1 |  | Provide countertop lavatory with pop-up drain. |
| D201005 | Shower | 1 |  | Provide a [one piece [fiberglass (FRP)] [acrylic] bath and shower module] [[terrazzo] [acrylic] shower floor] and shower supply fittings. |
| [D203003 | Floor Drain |  |  | floor drain.] |
| [D30 | HVAC |  |  | independent thermostat.] |
| D40 | Fire protection |  |  | Provide smoke and CO detectors. |
| D5020 | Lighting – general |  |  | Provide residential-style fixtures and task lighting at individual desks. |
| D5020 | Lighting – Firefighter alert system |  |  | Provide a dedicated alert light fixture that is controllable from the Watch Desk/Dispatch and tied into the firefighting alert system with a red-tinted bulb or lens. |
| D503001 | Phone |  |  | Provide one line with internal two-way communication. |
| D503001 | Data |  |  | Provide data outlets to support required equipment. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| D503004 | Television system | 2 |  | Provide one outlet in the office area and one outlet in the bedroom area. |
| E10 | Equipment |  |  | [For the Fire Chief’s office, provide the same control center console and communications equipment as in the Station Officer’s Office/Watch Desk.] |
| E20 | Furnishings - Office |  |  | Desk, office chair, file cabinet, bookshelf, desk lamp, and additional side chair. |
| E20 | Furnishings - Sleeping room |  |  | Twin bed, night stand, and wardrobe. |

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| **OFFICES** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** General administrative office spaces in the station include the following: [Assistant Chief/Shift Supervisor Office,] [Inspector’s Office(s),] [Training Officer Office,] [Vehicle Maintenance Office,] [EMS Office,] [Dispatch Supervisor,] [Administrative Assistant,] [Reservist Office,] [Assistant Chief of Fire Prevention,] [HAZMAT/Safety Officer,] [and] [Logistics Officer]. The offices are generally grouped together in the Administrative component of the Fire Station.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:** 39 STC  **Access:** staff  **Number of Occupants:**  **Other/special requirements:** [The Administrative Assistant is generally only provided if the Chief and Deputy Chief are resident in the station, in which case this area also doubles as the general reception area for the facility and is located directly off of the lobby.]  [The Vehicle Maintenance Office will be located near the Vehicle Maintenance Bay and Storage. It will have CMU walls and more durable finishes than typical offices.] | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C3010 | Walls |  |  | Egg-shell latex painted [CMU] [GWB]. |
| C3020 | Floor |  |  | Provide [sheet [vinyl] [linoleum]] [[vinyl] [linoleum] tile] [commercial carpet]. |
| C3030 | Ceiling |  |  | ACP. |
| D40 | Fire protection |  |  | Provide a smoke detector in each office. |
| D503001 | Phone |  |  | Provide one line with internal two-way communication in each office. |
| D503001 | Data |  |  | Provide data outlets to support required equipment. |
| D503003 | Intercommunications system |  |  | Provide a speaker in each office. |
| E20 | Furnishings |  |  | Provide office desk, office chair, file cabinet, bookshelf, desk lamp, and side chair [and credenza] [[and] two additional side chairs]. |

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| **[LOBBY]** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** The lobby is generally only provided if the Department Chief and Deputy Chief are resident in the station. It serves as the entrance to the facility and gathering/waiting space for the visiting public. The lobby should be adjacent to the administrative component of the facility. It should be recognizable from the outside and a well-lit, inviting space.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:**  **Access:** Staff and public  **Number of Occupants:**  **Other/special requirements:** | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C10 | Interior requirements |  |  | Provide tack boards. [Glass-enclosed bulletin board.] [Recessed display case.]  [Airlock at main entrance.] |
| C3010 | Walls |  |  | [Egg-shell latex painted GWB.] [Vinyl wall covering.] |
| C3020 | Floor |  |  | Provide [sheet [vinyl] [linoleum]] [[vinyl] [linoleum] tile] [vinyl base] [stone] [quarry tile] [stone base] [tile base]. |
| C3030 | Ceiling |  |  | [ACP.] [Egg-shell latex painted GWB.] |
| [D20 | Plumbing |  |  | electric water cooler.] |
| [D503001 | Phone |  |  | Provide one line.] |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| D503005 | Security system |  |  | Provide at least one CCTV outlet. |
| E20 | Furnishings |  |  | Provide walk-off mat at entrance (consider a recessed, built-in mat), upholstered seating, side tables, and magazine rack. |

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| **[DEPARTMENT TRAINING ROOM]** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** Department Training Room is a classroom space used for the continuing education and training of the fire station staff and, occasionally, the public. It is typically sized to accommodate the entire on-duty population of the Department—provide sufficient seating and desks.  **Special Dimensions:**  Ideal Plan Dimensions: See UFC 4-730-10, Appendix D, for a sample layout.  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:** 45 STC  **Access:** Staff and public  **Number of Occupants:**  **Other/special requirements:** | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C10 | Interior construction |  |  | Provide a storage closet for storage of audiovisual equipment, media, additional equipment, and furnishings.  Provide overhead retractable screen and overhead projector mount. Provide bulletin board with tack surface and dry-erase board. |
| C3010 | Walls |  |  | Egg-shell latex painted [CMU] [GWB]. |
| C3020 | Floor |  |  | Provide [sheet [vinyl] [linoleum]] [[vinyl] [linoleum] tile] [commercial carpet]. |
| C3030 | Ceiling |  |  | ACP. |
| D30 | HVAC |  |  | Provide separate thermostat. |
| D40 | Fire protection |  |  | Provide a smoke detector. |
| D503001 | Phone |  |  | Provide one line with internal two-way communication. |
| D503001 | Data |  |  | Provide data outlets to every workstation. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| E20 | Furnishings |  |  | Desks and chairs, TV, VCR, and DVD player. [computer/study/testing carrels if a separate testing area is not provided.] |

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| **TESTING/INDIVIDUAL STUDY AREA** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** This area consists of individual computer/study carrels for study and testing of firefighters. Each of these stations must be private to eliminate potential for cheating during testing and to facilitate quiet study.  **Special Dimensions:**  Ideal Plan Dimensions: See UFC 4-730-10, Appendix D, for a sample layout of this space.  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:** 49 STC  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C3010 | Walls |  |  | Egg-shell latex painted [CMU] [GWB]. |
| C3020 | Floor |  |  | Provide [sheet [vinyl] [linoleum]] [[vinyl] [linoleum] tile] [commercial carpet]. |
| C3030 | Ceiling |  |  | ACP. |
| [D30 | HVAC |  |  | separate thermostat.] |
| D40 | Fire protection |  |  | Provide a smoke detector. |
| D5020 | Lighting |  |  | Provide 50 ft. candles (540 Lux) with fluorescent energy efficient light fixtures. |
| D503001 | Data |  |  | Provide outlets to all workstations and equipment. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| D503005 | Security system |  |  | Provide video camera with monitor located in Testing Officer Office. |
| E20 | Furnishings | 4 each |  | Provide computer/study carrels and office chairs. |

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| **[DISPATCH]** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** The Dispatch Room defines the similar functions for Fire-only Dispatch and Consolidated Dispatch Rooms. This room functions to receive and dispatch emergency related calls. Fire-only Dispatch rooms are solely responsible for receiving and dispatching fire related emergency calls. A Consolidated Dispatch Room handles fire, security, and medical response service calls.  Not every station includes a Dispatch. The Dispatch Room includes workstations sized to accommodate the necessary equipment for each individual dispatcher. Dispatch Rooms also include a dedicated toilet and kitchenette directly adjacent to and accessible from to the room for staff use.  **Special Dimensions:**  Ideal Plan Dimensions: See UFC 4-730-10, Appendix D, for sample layouts of the Dispatch Room.  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:** 49 STC  **Access:** Staff, restricted  **Number of Occupants:**  **Other/special requirements:** Comply with the requirements for “Communication Centers” in NFPA 1221 and UFC 4-021-02NF, Chapter 7.  In larger Dispatch Rooms, a separate, adjacent room for the Dispatch Supervisor is required. The finishes and mechanical/electrical requirements for this room are the same for Offices. | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| B2020 | Exterior windows |  |  | Provide tinted windows. If possible, operators should be able to see exterior conditions.  [Provide visual access to the flightline.] |
| B2030 | Exterior doors |  |  | Provide a switch controlling open only operation of Apparatus Bay doors. |
| C10 | Interior construction |  |  | Provide vision panel to the Apparatus Bay.  Provide pin pad/cipher electric lock with remote push button release and manual key override.  At kitchenette, provide wall and base cabinets with 24-in.- (610-mm-) deep solid surface counter.  Provide an adjacent, dedicated IT room. |
| C3010 | Walls |  |  | Egg-shell latex painted [CMU] [GWB]. |
| C3020 | Floor |  |  | Provide [sheet [vinyl] [linoleum]] [[vinyl] [linoleum] tile] [commercial carpet]. |
| C3030 | Ceiling |  |  | ACP. |
| D201001 | Water closet | 1 |  | Provide handicapped [flush tank] [dual function flush tank] water closet. |
| D201003 | Lavatory | 1 |  | Provide handicapped lavatory. |
| D201004 | Sink | 1 |  | Provide countertop kitchen sink with one compartment in the kitchenette area. Provide waste disposer unit. |
| D30 | HVAC |  |  | Provide independent environmental control equipment. |
| D40 | Fire protection |  |  | Provide a smoke detector. |
| D50 | Emergency power |  |  | Provide uninterrupted power supply (UPS) for the dispatch equipment. |
| D5020 | Lighting – general |  |  | Provide 50 ft. candles (540 Lux) with fluorescent energy efficient light fixtures and emergency battery back-up. [Provide task lighting at control desk.] |
| D5020 | Lighting - Firefighter Alert System |  |  | Provide light and audible control for the following elements when the firefighter alert system is activated: Dorm Room lights (the dedicated alert light), corridor lights from Dorm Rooms to Apparatus Bay, and the Apparatus Bay lights. |
| D503001 | Phone |  |  | Provide regular and secure multi-telephone line required to support switchboard operation, telephone, and fax. |
| D503001 | Data |  |  | Provide regular and secure data outlets to support required equipment. |
| D503003 | Intercommunications equipment |  |  | Provide a speaker and a microphone. |
| D503004 | Television system |  |  | Provide outlets required to support equipment. |
| D503005 | Security system |  |  | Monitors for the facility CCTV cameras will be located here. Provide outlets required to support equipment. |
| E10 | Equipment |  |  | Provide control center console (can be built-in casework). Provide modular component workstations to accommodate computers, monitor screens, two-way radios, and audio equipment. Provide wall-mounted Installation grid coordinate map. Provide a 920 mm (36 in. (920 mm) free access area around the entire control console. Provide space for Emergency Information Systems computer.  Note any special requirements for the E911 system. If required for selected equipment, provide a conduit to the roof for a roof mounted antennae. |
| E20 | Furnishings |  |  | Provide book cases, and ergonomically designed seating. Provide map racks. Provide safes for classified technical manuals. Provide a secure drawer or safe for storage of classified documents. Security must meet SECRET criteria.  Microwave and coffee maker at kitchenette. |

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| **DAY/TRAINING ROOM** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** The Day Room is configured and furnished like a very large residential dining room/living room. It should be flexible to accommodate a number of different activities. The dining area must accommodate dining, informal meetings, and group training for the number of on-duty companies on duty. Provide plenty of controllable natural light, and adequate seating to accommodate all company members—both in the dining setting and comfortable seating for TV watching, reading, and relaxation in the living room area.  Directly adjacent to the kitchen.  **Special Dimensions:**  Ideal Plan Dimensions: See UFC 4-730-10, Appendix D, for sample layouts of the Day Room and its individual components.  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:** 45 STC  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** If a host nation day room is provided, refer to the contractual agreement and points of contact for size, space, and operational criteria. | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C10 | Interior construction |  |  | Provide bulletin board with tack surface.  [Provide retractable overhead screen, overhead projector mount, and wall-mounted dry-erase board if no department training room is included.] |
| C3010 | Walls |  |  | Egg-shell latex painted [CMU] [GWB]. |
| C3020 | Floor |  |  | Provide [sheet [vinyl] [linoleum]] [[vinyl] [linoleum] tile] [commercial carpet]. |
| C3030 | Ceiling |  |  | ACP. |
| D40 | Fire protection |  |  | Provide a smoke detector. |
| D5020 | Lighting |  |  | Provide 50 ft. candles (540 Lux) with incandescent energy efficient [residential-style] light fixtures. [Provide dimmers for all light fixtures.] |
| D503001 | Phone |  |  | Provide one line with internal two-way communication. |
| D503001 | Data |  |  | Provide at least one outlet in the dining/training area. [Provide outlets in the living room area.] |
| D503003 | Interior construction |  |  | Provide a speaker. |
| D503004 | Television system |  |  | Provide at least one CATV outlet in the living room area. |
| E20 | Furnishings - Dining/Training area |  |  | Provide dining/conference table with chairs. |
| E20 | Furnishings - Living Room area |  |  | Provide recliner armchairs, side tables, entertainment center, large-screen TV, VCR, and DVD player. [Bookshelves and coffee table(s).] |

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| **KITCHEN** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** Directly adjacent to the dining area is a kitchen sized to provide ample preparation space for the entire overnight population of the station. The kitchen should resemble a residential kitchen as much as possible. Provide separate dry and cold food storage for two shifts. Consider providing additional cold and dry food storage for a swing shift and/or other facility occupants.  **Special Dimensions:**  Ideal Plan Dimensions: See UFC 4-730-10, Appendix D, for sample layouts of the Day Room and its individual components.  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:**  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C10 | Interior construction |  |  | Provide base and wall cabinets with 24-in.- (610-mm-) deep solid surface work counter. Provide a minimum of two separate dry storage closets or pantries (one for each of two shifts). |
| C3010 | Walls |  |  | Semi-gloss industrial latex based painted [CMU] [GWB]. |
| C3020 | Floor |  |  | Provide [sheet [vinyl] [linoleum]] [[vinyl] [linoleum] tile]. |
| C3030 | Ceiling |  |  | ACP. |
| D20 | Plumbing – general |  |  | Provide connections for the dishwashers, coffee and ice makers. Provide a floor drain. |
| D201004 | Plumbing - Sink |  |  | Provide countertop deep kitchen sink with two compartments. Provide waste disposer unit. |
| D30 | HVAC |  |  | Provide exhaust hood over kitchen stoves appropriate to the grade of equipment provided. |
| D40 | Fire protection |  |  | Refer to NFPA 96 to confirm fire protection requirements for the grade of kitchen equipment provided.  Provide carbon monoxide and smoke detectors. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| E10 | Equipment |  |  | Provide [residential-grade] [light commercial-grade] large-capacity dishwashers, stove/range, exhaust hood, and free-standing ice maker.  Provide a minimum of two separate [residential-grade] [light commercial-grade] refrigerators with freezers (one for each of two shifts), built-in microwave oven, commercial-grade coffee maker  [For one-company satellite stations, provide residential grade equipment. For two-company and larger stations, provide light commercial-grade equipment.] |
| E20 | Furnishings |  |  | Toaster oven. |

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| **DORM ROOMS** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** Dorm Rooms are the private quarters of the firefighters and are used for sleeping during 24-hour shifts. The room is shared between two firefighters of different crews/shifts so that the room is never occupied simultaneously. The room should be a comfortable, inviting space that promotes relaxation. Acoustical privacy between rooms is important. Provide direct access to a private corridor and means of natural light in every room (consider AT issues, especially in OCONUS locations with regard to natural light provisions).  **Special Dimensions:**  Ideal Plan Dimensions: See UFC 4-730-10, Appendix D, for three possible Dorm Room layouts.  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:** 52 STC  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| B20 | Exterior construction |  |  | Provide a means for natural light in all dorm rooms. |
| C3010 | Walls |  |  | Egg-shell latex painted [CMU] [GWB]. |
| C3020 | Floor |  |  | Commercial carpet with vinyl base. |
| C3030 | Ceiling |  |  | Egg-shell latex painted GWB. |
| D30 | HVAC |  |  | Provide individual thermostats in each room. |
| D40 | Fire protection |  |  | Provide carbon monoxide and smoke detectors in each room. |
| D5020 | Lighting |  |  | In addition to the ambient and task lighting fixtures, provide a dedicated alert light fixture in each room that is controllable from the Watch Desk/Dispatch and tied into the firefighting alert system with a red-tinted bulb or lens. |
| D503001 | Phone |  |  | Provide one line in each room with internal two-way communication. |
| D503001 | Data |  |  | Provide one outlet in each room. |
| D503003 | Intercommunications system |  |  | Provide a speaker in each room. |
| D503004 | Television system |  |  | Provide one CATV outlet in each room. |
| E20 | Furnishings |  |  | In each room, provide night table, two wardrobes, desk and desk chair, desk light, alarm clock, and [extra-long twin bed,] [two extra-long twin beds,] [two retractable wall beds].  Provide black-out lined window treatments. |

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| **BATHROOMS/SHOWERS/CHANGING** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** The Bathroom/Shower/Changing Room includes private water closets, lavatory, and shower stalls with private changing area for the personal use of the firefighters. Also provide lockers for temporary storage of personal items within this room. These lockers are not for storage of PPE gear.  **Special Dimensions:**  Ideal Plan Dimensions: See UFC 4-730-10, Appendix D, for a sample layout of the Bathrooms/Shower/Changing space.  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:**  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C10 | Interior construction |  |  | Provide 24-in.- (610 mm) deep minimum solid surface countertops. Provide a mirror over the vanity.  Provide 24-in.- (610-mm-) deep lockers. Provide a mix of full- and half-sized Z-shaped solid composite plastic lockers with integral benches at least 406 mm (16 in. (406 mm) wide.  Provide solid composite toilet and shower partitions.  Provide toilet and bath accessories. |
| C10 | Interior construction - Janitor’s closet |  |  | Provide a lockable door with a vision panel that can be opened from the inside without a key. |
| C3010 | Walls |  |  | Provide full-height ceramic tile. |
| C3020 | Floor |  |  | Provide slip resistant porcelain tile. |
| C3030 | Ceiling |  |  | Provide skim-coated cementicious backerboard ceiling. |
| D201001 | Water closets | See UFC UFC 4-730-10, Chapter 4, and consult with Activity for fixture counts and male/female splits. |  | Provide [wall] [floor] mounted [flush valve] [dual function flush valve] water closets [with electronic flush control]. |
| D201002 | Urinals | See UFC UFC 4-730-10, Chapter 4, and consult with Activity for fixture counts and male/female splits. |  | Provide flush valve urinals [with electronic flush control]. |
| D201003 | Lavatory | See UFC UFC 4-730-10, Chapter 4, and consult with Activity for fixture counts and male/female splits. |  | Provide countertop lavatories [with electronic control]. [Provide pop-up drain.] |
| D201004 | Sink |  |  | Provide mop sink in the associated janitor’s closet. |
| D203003 | Floor drain |  |  | Provide floor drains in each divided space. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| E20 | Furnishings - Janitor’s closet |  |  | Provide lockable cabinets for cleaning supplies. |

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| **FITNESS ROOM** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** The Fitness Room promotes health and physical fitness of fire department personnel. The Fitness Room should accommodate the latest in fitness machines, as well as more traditional equipment. The room should be sized to provide free circulation between equipment while in use.  **Special Dimensions:**  Ideal Plan Dimensions: See UFC 4-730-10, Appendix D, for a sample layout of the Fitness Room.  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:** 52 STC  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** [If the Physical Therapy/Sauna is required by the Installation mission, locate it adjacent to the Fitness Room and/or Bathroom/Shower/Changing Room.] | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C10 | Interior construction |  |  | Provide full-wall-height mirrors on at least one wall.  [Television wall mount.] |
| C3010 | Walls |  |  | Egg-shell latex painted [CMU] [GWB]. |
| C3020 | Floor |  |  | Provide [sheet vinyl] [vinyl tile] [resilient athletic rubber tile] [cork floor]. |
| C3030 | Ceiling |  |  | [ACP.] [Egg-shell latex painted GWB.] |
| [D20 | Plumbing |  |  | Cold water faucet and a floor drain if sauna is provided.] |
| D30 | HVAC |  |  | Provide 68 F (20 C) minimum, 74 F (23 C) maximum, less than 60% relative humidity, 20 cfm/person outside air and use CO2 sensors to control outside air. |
| D40 | Fire protection |  |  | Provide carbon monoxide and smoke detectors in Fitness Room and Physical Therapy, but not the Sauna. |
| D503001 | Phone |  |  | Provide one line with internal two-way communication. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| D503004 | Televisions system |  |  | Provide at least one CATV outlet for a wall-mounted unit. |
| E10 | Equipment |  |  | Provide multi-speed ceiling fans. |
| E20 | Furnishings |  |  | Provide fitness machines, treadmill, stationary bicycle, elliptical machine, weights, [and] mats, [and television]. |

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| **LAUNDRY ROOM** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** The Laundry Room contains washers, dryers, and a folding table for use by the firefighters. This laundry room is only used for personal clothing of the firefighters and occasionally for laundry from the common areas of the fire station—not for any firefighting gear.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:**  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C10 | Interior construction |  |  | Provide a built-in table for laundry folding. |
| C3010 | Walls |  |  | Industrial semi-gloss latex painted [CMU] [GWB]. |
| C3020 | Floor |  |  | Slip/skid-resistant [sheet vinyl] [vinyl tile]. |
| C3030 | Ceiling |  |  | Moisture resistant [ACP] [Industrial semi-gloss latex painted GWB]. |
| D20 | Plumbing – general |  |  | Provide connections and drains to each washer.  Provide a floor drain. |
| D201004 | Plumbing – sink |  |  | Provide a deep laundry sink. |
| D40 | Fire protection |  |  | Provide a smoke detector. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| E10 | Equipment | [1/2] [2/4] [3/6] |  | Provide large, heavy-duty, residential washers and dryers  [Less than 3 companies. One washer and two dryers.  4 companies. Two washers and four dryers.  More than 4 companies. Three washers and six dryers.] |
| E20 | Furnishings |  |  | Wall-mounted drying rack. |

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| **[RECREATION ROOM]** | | | | |
| Space Characteristics | | | | |
| **Function/adjacencies:** If required by the Installation mission, this room provides space for the firefighters to engage in noisier recreational activities, such as table games (e.g., pool or table tennis) or video games and is in addition to the Day Room. Provide some acoustical separation from the Day Room and the Dorm Rooms.  **Special Dimensions:**  Ideal Plan Dimensions:  Minimum Ceiling Height: 8 ft. (2.4 m)  **Acoustics:** 52 STC  **Access:** Staff  **Number of Occupants:**  **Other/special requirements:** | | | | |
| Uniformat System | **Description** | **Qty** | **Size** | **Specific Requirements** |
| C10 | Interior construction |  |  | Television wall-mount. |
| C3010 | Walls |  |  | Egg-shell latex painted [CMU] [GWB]. |
| C3020 | Floor |  |  | Provide [sheet vinyl] [vinyl tile] [commercial carpet]. |
| C3030 | Ceiling |  |  | [ACP.] [Egg-shell latex painted GWB.] |
| [D30 | HVAC |  |  | Provide a separate thermostat.] |
| D40 | Fire protection |  |  | Provide carbon monoxide and smoke detectors. |
| D5020 | Lighting |  |  | Provide 50 ft. candles (540 Lux) with incandescent energy efficient light fixtures. [residential-style lighting fixtures] [provide dimming for all light fixtures] |
| D503001 | Phone |  |  | Provide one line with internal two-way communication. |
| D503003 | Intercommunications system |  |  | Provide a speaker. |
| D503004 | Television system |  |  | Provide at least one CATV outlet for a wall-mounted television. |
| E10 | Equipment |  |  | Provide pool table/table-tennis table. |
| E20 | Furnishings |  |  | Provide lounge chairs, side tables, bar stools, book cases, television, and storage cabinets. |

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NOTE: UFC 4-730-10 includes an option for an EOC SITUATION ROOM. If this is programmed for the project, coordinate requirements with NAVFAC Antiterrorism, the Activity, UFC 4-730-10, and other guidance as directed.

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