U.S. Immigration and Customs Enforcement

Facility Design Guide

U.S. Immigration
and Customs
Enforcement

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ExecutiveSummary

USICE FACILITIES DESIGN GUIDE INTRODUCTION

1. Executive Summary

The Facility Design Guide (FDG) serves as a guide for the planning and development of ICE Facilities across the country and is complemented by prototypical space layouts. The FDG (July 2016) is an update of the December 2010 Standard and offers guidance on the components needed for various size office spaces. The FDG is a living document that will assist the current design and construction efforts, utilize the lessons learned from field visits, and to present approaches for streamlining these facilities.

The FDG will be used to establish a design approach, outline the fundamentals that are to be achieved, and provide the building blocks for space design and planning. This FDG will provide a benchmark program to understand the basic components of an ICE facility and to provide the ICE design team with tools for a specific solution, for a specific project, in a specific location. The knowledge of lessons learned and local variables are critical for transforming a generalized program into a specific program. The program verification is essential. The lessons learned are regional in nature. While some observations are collocation oriented, some are based on facility and program specific mission, and others are based on available space types. All of these factors play into a homogeneous program that will work for the collocation efforts currently underway within the ICE facility program.

This facilities design guide will also help the user understand a variety of acronyms and terms, and, will categorize the various levels of government staffing positions with their standard space allocations. Again, it should be clarified that these are prototypical programs and will need adjustment by the project architects, designers and ICE facilities project managers.

All design groups engaged in these space planning efforts will not only have to coordinate with GSA during the market survey, but once a facility has been selected, there will be adjustments that need to be made to the prototypical design and the prototypical program to meet the unique layouts of that facility.

Once the program is established and approved, and if appropriate, the existing facility is identified by GSA, the FDG will provide the general size, orientation, proximities and features needed to complete the design. Partition types and basic hardware templates are provided as a foundation for refinement as specifications.

This guide was developed from groups within the ICE components and outside agencies covering CAD standards, security standards, IT standards and others. The designer should always use the most current standard unless otherwise instructed.

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**Abbreviations, Acronyms, and
Definitions**

AGENCY ACRONYMS

BIA	Board of Immigration Appeals
BEST	Border Enforcement Security Task Force
C3	Cyber Crimes Center
CAP	Criminal Alien Program
CBP	(The Bureau of) Customs and Border Protection
CCS	Cyber Crimes Section
CDF's	Contract Detention Facilities
CES	Child Exploitation Section
CIS	Citizenship and Immigration Services
CJIS	Criminal Justice Information Services Division
CMRD	Collections Management and Requirements Division
DFA	Digital Forensic Agents
DFS	Digital Forensic Section
DIHS	Division of Immigration Health Services
DOJ	Department of Justice
DTT	Defensive Tactics Training
EIT	Executive Information and Technology Division
EOIR	Executive Office of Immigration Review
ERO	Enforcement and Removal Operations (includes DRO and Secure Communities)
FIG's	Field Investigations Groups
FOD	Field Operations Director
FTID	Financial and Trade Investigations Division
FUGOPs	Fugitive Operations
GAO	General Accounting Office
GSA	U. S. General Services Administration
HIDET	High Intensity Drug Enforcement Team
HSI	Homeland Security Investigations (includes OI, INTEL and OIA)
ICE	U. S. Immigration and Customs Enforcement
IGSA	Intergovernmental Service Agreements
IIBS	International Intelligence and Border Strategy Division (IIBS)
IOD	Intelligence Operations Division (IOD)
IOU	Intelligence Operations Unit
IPD	Intelligence Programs Division
INTEL	Office of Intelligence
IRC	Interoperability Release Center
IRF	Institutional Removal Facility
ITFO	Information Technology Field Operations

JPATS	Justice Prisoner and Alien Transportation Service
JTTF	Joint Terrorism Taskforce
NFOP	National Fugitive Operations Program
MA	Management and Administration
OAM	Office of Asset Management
OCIO	Office of the Chief Information Officer
OCR	Office of Congressional Relations
ODPP	Office of Detention Policy and Planning
OIA	Office of International Affairs
OIG	Office of Inspector General
OMB	Office of Management & Budget
OPA	Office of Public Affairs
OPLA	Office of Principal Legal Advisor
OPR	Office of Professional Responsibility
OSLC	Office of State/Local Coordination
RAC	Regional Agent in Charge
SAC	Special Agent in Charge
SRT	Special Response Team
TTU	Trade Transparency Unit
UC OPS	Undercover Operations
VGT	Virtual Global Taskforce

ABBREVIATIONS

ADA	American Disabilities Act
A-E	Architect-Engineer
AEC	Architectural, Engineering and Construction
AERC	Architect-Engineer Resource Center
AIA	American Institute of Architects
ANSI	American National Standards Institute
ASTM	American Society for Testing and Materials
AWP	Annual Work Plan
BIM	Building Information Modeling
BOMA	Building Owners and Managers Association
CAD	Computer-Aided Design
CFOA	Chief Financial Officers Act
CFR	Code of Federal Regulations
CIO	Chief Information Officer
CO	Contracting Officer
COR	Contracting Officer's (Technical) Representative
DHS	Department of Homeland Security
DID's	Design Intent Drawings
EMCS	Emergency Management Control System
E.O.	Executive Order
FAR	Federal Acquisition Regulation
FM	Facilities Management or Financial Management
FMFIA	Financial Management Financial Integrity Act

FMP	Facilities Management Plan
FOUO	For Official Use Only
FPR	Federal Property Regulation
FPS	Federal Protective Service
HSDN	Homeland Secure Data Network
LAN	Local Area Network
LAP	Lease Acquisition Program
LEED	Leadership in Energy and Environmental Design
ME	Main Egress
MOU	Memorandum of Understanding
OE	Operational Element/Operational Entity/Organizational Element
O&M	Operations & Maintenance
PIP	Projects in Progress
PM	Project Manager
R&A	Review and Analysis
RAF	Raised Access Floor
RSF	Rentable Square Feet
SAS	Space Allocation Standards
SC	Shell and Core
SCIF	Sensitive Compartmented Information Facility
SE	Second Egress Guard House
SFO	Solicitation for Offers
SRPO	Senior Real Property Officer
STC/NRC	Sound Transmission Class / Noise Reduction Coefficient
TFS	Tactical Fielding Strategy, Tactical Feasibility Study, Technical Field Support, Tactical Forecast System

TI   Tenant Improvement

VAV   Variable Air Volume

VSP   Vehicular Sallyport

DEFINITIONS

Acquisition
The process by which an executive agency obtains custody of and interest in real property (by means of transfer, purchase, construction, lease, or permit) for its own use in carrying out established agency mission(s).

Alteration
Facility alteration is a subcategory of construction. It is the alteration, conversion, or reconfiguration of a facility's interior space, systems, and features or exterior surfaces and openings. Alteration does not substantially add to the "footprint" of a facility. Alteration is "construction work."

Americans with Disability Act
Facility design guideline minimums established by Federal law and administered by the Department of Justice mandated to eliminate architectural barriers to the physically handicapped.

Annual Work Plan
The Annual Work Plan is an integral part of a successful space management program. It is the local Field Office's Facilities Manager's plan for work to be accomplished during the upcoming fiscal year. It contains all types of projects necessary to service the existing facility. Projects included in the Plan should be consistent with overall USICE goals and objectives, including environmental, health, and safety concerns.

Asset Management
Refers directly to the performance of individual assets, asset management will occur in the DHS operating entities (OE) facility departments.

Breakdown Maintenance
An activity involving the restoration of failed or failing equipment or system to a defined level of performance.

Break Room
Areas required for employee coffee/lunch breaks. The room will be designed to accommodate microwave ovens, refrigerator, coffee machines, vending machines, sinks, counters with storage cabinets and employee bulletin boards. Appliances will not be furnished by the government.

Budget Authority
The authority provided by Federal law to incur financial obligations that will result in outlays. Most budget authority for acquisitions is in the form of appropriations; other types are contract authority, authority to borrow, and spending authority from offsetting collections.

Build-out
The construction or renovation work required to make space available for occupancy.

Capital Asset
Capital assets are land, structures, equipment, and intellectual property, including software that are used by the Federal Government and have an estimated useful life of two years or more. Capital assets exclude items acquired for resale in the ordinary course of operations or held for the purpose of physical consumption such as operating materials and supplies. The acquisition cost of a capital asset includes both its purchase price and all other costs incurred to bring it to a form and location suitable for its intended use. Capital assets may be acquired in different ways: through purchase, construction, or manufacture; through lease-purchase or capital lease, regardless of whether title has passed to the Federal Government; through an operating lease for an asset with an estimated useful life or two years or more; or through exchange.

Case Goods
Free standing furniture.

Commitment
A financial action in which the certifying official signs a Requisition or Reimbursable Work Authorization document stating that funds are available for a specific purpose. Those funds are not available for other use until a formal "decommitment" occurs.

Conference/Training Room(s)
 Joint use space required for staff meetings, task forces and training exercises.

Construction
Facility construction is an undertaking to make or form a new facility or an extension to an existing facility by assembling or combining elements, components, or systems. It includes preliminary planning, engineering, architectural, legal, fiscal, environmental, and economic investigations; and studies, surveys, designs, plans, working drawings, specifications, procedures, and other similar actions necessary for the undertaking. Also, the term "construction" in its most generic sense includes alteration.

Contingency Funds
Contingency funds pay for facilities-related expenses that could not have been reasonably expected during the normal budget processes. At the beginning of the fiscal year, contingency funds may be set aside to cover extraordinary, unexpected expenses such as storm damage and major unanticipated failures in water, sewer, heating, ventilation, and air conditioning, and other major systems. Toward the end of the fiscal year, unobligated contingency funds may be used to fund projects that have been approved by facility boards.

Continuing Resolution
Continuing Resolutions are passed by congress as "stop gap" appropriation measures when they fail to enact annual appropriation bills prior to the start of the fiscal year (October 1). The continuing resolutions contain different, but somewhat specific, guidance on the departments' or agencies' authority to obligate funds. Facilities "operations and maintenance" are normally considered an on-going essential activity and may continue within the limitations noted in the continuing resolution. However, facilities acquisitions are normally considered "new starts" and there is no authority to initiate these types of actions.

Contracting Officer
"Contracting officer" means a person with the authority to enter into, administer, and/or terminate contracts and make related determinations and findings. These individuals have been appointed through a warranting process to legally execute the requirements of their position. The limits of a contracting officer are defined on the face of their warrant.

Contracting Officer's (Technical) Representative
A COR is appointed by a Contracting Officer and the letter details their authorities. Contracting Officer (Technical) Representatives (CORs) do not have obligation authority. They can only act within the boundaries of the Scope of Work. They cannot change the SOW and they cannot direct the contractor to perform anything outside of the SOW. They are vital eyes and ears of the Contracting Officer.

Copier/Storage Room
Space required for photocopiers, facsimile machines, shredders and the storage of paper, toner cartridges and recycling bins, etc.

Copier Room
Space required to photocopy large volume projects.

Cubical
Work space within the open office space area with a specific square footage allocation.

Deferred Maintenance
Maintenance tasks that cannot be performed due to a resource (staffing or budget) shortfall.

Delegated Space Management Authority
Headquarters may delegate one or more Space Management responsibilities to district offices or service centers that have full-time professional Space Management staff. Those responsibilities include:

- Initial program cost estimates for minor projects.
- Economic analyses to help scope a project.
- Greater autonomy in developing the scope of facility projects including layouts and timelines.

Demountable Wall
Prefabricated walls that can be relocated without construction.

Disposal
The process by which an executive agency releases custody of or interests in real property no longer needed for its use.

Executive Staff
The Executive Staff is comprised of Assistant Secretary, Deputy Assistant Secretary, Chief of Staff, General Counsel Director, Office of Congressional Relations Director, Office of Public Affairs, Director, Internal Audit, Chief Financial Officer, and Director of Administration.

Expenditure
A financial action in which funds are authorized for payment to a vendor for goods or services provided. Funds are normally dispersed by the Finance Office after certification by the Project Manager/Contracting Officer's Representative/Contracting Officer that the goods or service have been received. Those funds are no longer available to the government.

Facility Coordinator
Individual designated by the functional officer manager to provide facilities management point of contact for the local office.

Facility Management Plan

This plan identifies all of the facilities requirements for USICE. It spans a five-year period and is organized by: plans for the upcoming fiscal year, plus the four which follow that fiscal year. At the headquarters level, it contains work scheduled for the headquarters facility as well as other facilities for which headquarters has direct Space Management responsibility. The plan also contains service-wide Space Management goals and special headquarters facility programs such as initiatives to improve fire safety or quality of life, or to comply with new environmental requirements. The development of the Plan should be consistent from year to year in order to account for all aspects of a project.

Facility Project

A facility project is work to construct, alter, repair, or maintain a building (standard, modular, or relocatable), utility system, fence, real property installed equipment, mobile emergency generator, road, pavement, grounds, or natural habitat. A facility project does not include the cost of moving, leasing, communications, and equipment other than that which is real property installed. It does include facility work, such as conduit installation and electrical upgrade, needed to support communication projects.

Floor Plan

A scaled diagram of a room or floor as seen from an aerial view.

Functional Office Manager

The manager responsible for the mission operations at a local office.

GSA-Assigned Space

GSA-assigned space is space that is leased for USICE by the GSA or otherwise assigned to GSA.

Headquarters Component

The HQ Components are defined as the highest level of an organizational element.

LAN Closet/Remote Wiring Closet

Space used exclusively for computer panels and racks for the Local Area Network and telephone connections.

Layout

A plan developed to show the locations of the constructed improvements or items placed in a room or floor.

Lease Acquisition Program (LAP)

The Lease Acquisition Program (LAP) Fund comprises funds allocated by the Office of Budget from program elements for the purpose of acquiring leases. The costs include; the initial occupancy costs of above allocation work in GSA-assigned facilities, above lease standard work in direct leased facilities, automated data processing cabling and facility support, furniture purchases, moving costs, project-related travel costs, security, and telecommunications requirements. The LAP Fund may also occasionally be used to fund post occupancy projects in leased and GSA-assigned facilities.

Lessee

The entity to whom a lease is granted. In the case of USICE, the Lessee is always GSA.

Lessor
The owner or owner's representative of the building who grants the lease to GSA (Lessee).

Life-cycle Cost
The total cost of constructing, maintaining and operating a facility or part of a facility. Life-cycle costs should be calculated in constant year dollars for comparison. Guidelines for evaluating life-cycle costs can be found in Office of Management and Budget (OMB) Circular A-94, Discount Rates for to be used in Evaluating Time-Distributed Costs and Benefits.

Loading Dock
A secure arrival and departure port for all furniture, supplies and equipment necessary to support the facility.

Mail Room
Dedicated space used for the collection and distribution of mail throughout the facility.

Maintenance
Facility maintenance is the work necessary to maintain the original anticipated useful life of a facility or real property installed equipment. It includes periodic or occasional inspection, adjustment, lubrication, cleaning (non-janitorial), painting, replacement of parts, minor repairs, and other actions to prolong service and prevent unscheduled breakdown, but it does not prolong the life of the property or equipment or add to its value. Maintenance is preventative.

Maintenance and Repair Project
A project is a facility project with an estimated cost of less than $25,000. The facility project may be for work that is a CIS responsibility in leased or GSA-assigned facilities. The definition does not include work that will result in additional space or a change of facility use. A maintenance and repair project must be approved by the region. It may be funded by region from its annual O&M budget or from other funding sources. Examples of those other funding sources include local, regional, or HQ program funds, and special funds set aside for specific programs such as facility health and safety improvements. The cost of the work must include design, space planning, facility contracts, labor (contract or in-house), government-furnished materials, equipment rental, furniture and furnishings, cabling, movement, and outside project management.

Maintenance Plan
A plan that illustrates the resources needed and frequency of performing scheduled preventive maintenance tasks based on standards for existing equipment, systems and finishes found in USICE facilities. The maintenance plan also includes critical facility information for handling breakdown maintenance, including phone numbers and procedures in the event of a breakdown. USICE maintenance plans are developed from O&M manuals, USICE Preventive Maintenance Program Guidelines, or industry standards. A maintenance plan should be developed for each individual facility.

Major Project
A major project is a facility project on one or more facilities for maintenance, repair, construction or alteration with an estimated cost of more than $25,000, or a project that will result in additional space or a change of facility use, regardless of cost.

A major project must be approved by USICE Headquarters or higher authority. It may be funded by USICE Headquarters or region from their Operations and Maintenance or program funds, or the Lease Acquisition Program.

Obligation
The act of moving funds from the commitment stage to a formal contract. This action occurs when a contracting officer signs a contract or receiving officer at another federal agency, normally at GSA or the Corps of Engineers, signs receipt of funds. The funds are no longer available to the agency for use without a formal "deobligation."

Operations & Maintenance (O&M) Funds
O&M funds pay for minor maintenance, repair, or alteration on a building, utility system, real property installed equipment, mobile emergency generator, roads, pavements, grounds, or natural habitat costing less than $25,000 per work order. O&M funds come from USICE fee accounts.

Operations and Maintenance Work
Facility operations and maintenance (O&M) work is minor maintenance and repair on a building, utility system, real property installed equipment, mobile emergency generator, roads, pavements, grounds, or natural habitat costing less than $25,000 per work order. It does not include construction or alteration. O&M work may be approved locally according to regional policy. It is funded from the local O&M fund or from program funds at the local, regional, or USICE Headquarters levels. Occasionally, regions may choose to spend their R&A funds on O&M work.

Organizational Element (OE)
Individual organizational entity (bureau, agency, or service) having property management responsibilities within the Department of Homeland Security.

Outlay
The issuance of checks, disbursement of cash, or electronic transfer of funds made to liquidate a federal obligation.

Out of Cycle
Projects or funds that were not addressed through the normal project review and approval process. Often these are minor projects that can be accomplished using funds available to the local field office. All Out of Cycle Projects must receive the appropriate approval prior to proceeding.

Portfolio Management
Serves the owner by managing the financial health of the portfolio of assets, minimizing cost while also achieving other objectives that the owners may hold over both the short and long terms.

Post-Occupancy Work
Work that is required subsequent to the occupancy of a facility is termed post-occupancy work. It is usually not foreseen as part of the work needed to prepare for USICE occupancy and is therefore not programmed for the initial LAP funding requirements.

Preventive Maintenance
An activity based on set time or interval established for the purpose of maintaining facilities, systems or components at a specified level of performance.

Preventive Maintenance Program Guidelines
These are preventive maintenance standards, developed, for equipment and systems commonly found at USICE facilities. They are to be used as the basis of the facility maintenance plan if O&M manuals do not exist or are not available.

Program Office
An operating element within the bureau that has a budget allocation or operational jurisdiction over some distinction portion of the bureau's mission.

Real Property
Land and improvements constructed on or associated with that land. Improvements include buildings, other permanent structures, easements, or rights of way.

Reception
Area used for receiving visitors into the individual office areas of Directors and designated Office Heads.

Rent
USICE pays GSA a fee, called Rent, for the space it occupies in GSA-assigned space. Rent payments go into the Federal Buildings Fund, a revolving fund from which GSA funds its facility purchases, its maintenance, repair, alteration, and construction projects, and its leases. Each Rent charge is calculated by adding a small surcharge to the appraised fair market rental of the space, and it is updated every three years.

Repair
Facility repair is work to restore damaged or worn-out facilities or real property installed equipment to a normal operating condition. Repairs can prolong the life of an asset but should not increase its value. Repair by replacement is permitted and is the exchange or substitution of one fixed asset for another having the capacity to perform the same function. The replacement may arise from obsolescence, wear and tear, or destruction and it involves a complete and identifiable item. Repair may bring assets to current functional standards. Repair is curative.

Review and Analysis
The systematic assessment of data and data populations to provide comparative evaluations on the consistency of the data or conformity to a standard. Review and Analysis is often performed on a large data population of like information to determine variance from a mean, standard, or expected result.

Run-to-failure
This involves the operation of a piece of equipment or system until it fails. It is based on the equipment being relatively inexpensive to replace and a shutdown having little or no significant impact on operations. The decision to use the run-to-failure concept should be based on a thorough life-cycle cost analysis.

Senior Real Property Officer
The official designated responsible under the Executive Order for Real Property Management within the Department of Homeland Security. The Chief, Office of Administrative Services holds that designation within the Department of Homeland Security.

Side by Side (Side x Side)
The Side by Side used to identify a Lease Acquisition Plan project within the USICE.

Space Management Plan

The Space Management Plan is established by the Headquarters Facilities Management Division and defines the current and projected use of all space within the Headquarters Complex. The Space Management Plan is displayed in the form of floor plans, tables, and text.

Strategic Plan

The Strategic Plan is a senior USICE management long-term plan laying out strategic goals six to twenty years in the future. At USICE there is no single document called the "Strategic Plan." Strategic planning is performed and communicated through policy memoranda, management meetings, and various directives. The term "Strategic Plan" as used here represents the collective results of management's long-term planning efforts. Facility management is an integral part of such planning and the planning should address the facility requirements needed to support USICE operational goals. Facility Management Plans are developed to support the strategic goals of the Strategic Plan.

Team Meeting Area

A flexible space adjacent to other areas used for quick and small group meetings as well as doubling as a technical resource library storage area.

Telephone Equipment

Telecommunications equipment used exclusively for USICE telephone/computer patch panels.

Telephone Room

Room dedicated exclusively for USICE telephone switchgear and telephone/computer patch panels.

Underutilized

Whenever all or a portion of real property, with or without improvement, is used only for irregular periods, or intermittently; or when a portion of the property can satisfy current program needs.

Utilization

The manner and degree of efficiency with which real property controlled by the Department is used in the accomplishment of its mission(s).

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U.S. Immigration
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Project Requirements

PROJECT REQUIREMENTS

The Project Requirements (PR) provide specific agency requirements, which may be complementary, more specific, or more stringent than those of the Solicitation For Offers (SFO)'s minimum requirements, and are intended to give the Offerors additional information to be fully compliant with the SFO. The PR is not intended to reduce the minimum requirements contained within the base SFO.

This document should be used in conjunction with the task order scope of work and the SFO requirements. If there are any conflicts between documents, they shall be brought to the attention of the Immigration and Customs Enforcement (ICE) Project Manager for clarification.

1. **GENERAL GUIDELINES**

    1.1.   These Project Requirements are intended to convey the intent of the scope of work, but are not to be considered exhaustive or all-inclusive. Where these specifications do not address specific criteria, the Lessor shall include systems, materials and equipment in accordance with sound design practices for similar facilities in the marketplace. The Government recognizes that the PR alone, no matter how well prepared, cannot and need not convey all the information that should reasonably be understood by experienced design teams in order to design an ICE building or associated spaces. Further, the PR cannot anticipate or regulate every variable of a design approach that is developed during the procurement process. Therefore, the Government and ICE expects that the design team, having the knowledge and expertise of these facilities will interpret the intent of the PR correctly, and will supplement these documents with their expertise in order to achieve a complete, high quality and fully functional design.

2. **INDUSTRY CODES AND STANDARDS**

    2.1.   All construction shall at a minimum, be performed in workmanlike manner and constructed in accordance with the latest building codes as applied or enforced by the local jurisdiction and applicable laws, rules and regulations.

3. **DESIGN AND CONSTRUCTION GUIDANCE**

    3.1.   ICE shall have the sole approving authority on all matters involving aesthetic design and appearance of base building and tenant improvements, including but not limited to the exterior envelope, main lobby, landscaping and site design, lighting, and toilet rooms unless Lessor can demonstrate a design element approved or requested by ICE represents a reduction in market value upon lease

expiration. ICE shall coordinate and be reliant upon the design team for preparation of design and finish options.

3.2. During the development of the Design Intent Documents (DID's) and Construction Documents (CD's), Immigration and Customs Enforcement will coordinate with the Lessor, Architect and/or Engineers to identify specific project requirements not specifically identified in the Exhibits and Lease documents.

3.3. Drawings

3.3.1. For the purposes of design review and approval prior to release for construction, the Lessor shall split the CD's into Shell and Core (SC) and Tenant Improvement (TI) packages, if applicable (refer to GSA requirements). The intent for this split is to allow the Lessor to manage the construction schedule through early issuances of the SC package and associated sub packages for construction work to proceed while the TI package is under development. The TI package development schedule shall take into account and work in tandem with the Design Intent Drawings (DID) development process. ICE encourages the combining of the SC and TI packages after approval of the DID's if the TI Design is being done by the Lessor.

3.3.2. The Lessor shall prepare, at the Lessor's expense, and provide DID's to ICE for approval. DID's, for the purposes of this project, are defined as floor plans graphically depicting the requirements set forth within the SFO and Project Requirement documentation.

3.3.3. Any material changes to the CD's that vary from the DID's shall require specific notice to and approval from the ICE PM and Contracting Officer (if applicable).

3.3.4. ICE's review of the DID's and CD's does not relieve the Lessor from being completely responsible for the improvements required by this project. The Lessor is solely responsible and liable for technical accuracy of the drawing submissions in meeting all requirements of the contract.

4. ICE FACILITIES STANDARDS

4.1. The Agency specific requirements, which amplify or modify the standard requirements outlined in the SFO, are promulgated via these Project Requirements (PR). The PR contains the Agency specific requirements which apply to the overall project. In addition, the following documents are included:

4.1.1. ICE Facility Design Guide - Latest version, Section 1 – Executive Summary

4.1.2.   ICE Facility Design Guide - Latest version, Section 2 – Abbreviations, Acronyms, and Definitions

4.1.3.   ICE Facility Design Guide - Latest version, Section 3 – Project Requirements

4.1.4.   ICE Facility Design Guide - Latest version, Section 4 – ICE Directives (If applicable)

4.1.5.   ICE Facility Design Guide - Latest version, Section 5 – Space / Room Design Guide

4.1.6.   ICE Facility Design Guide - Latest version, Section 6 – Partition Types & Details

4.1.7.   ICE Facility Design Guide - Latest version, Section 7 – Door, Frame & Hardware Schedules

4.1.8.   ICE OCIO Standards- Latest Version

4.1.9.   Interagency Security Committee - Facility Security Level Determinations for Federal Facilities (Approved 2008) For Official Use Only

4.1.10. Interagency Security Committee - Physical Security Criteria for Federal Facilities (Approved April 12, 2010) For Official Use Only

4.1.11. Interagency Security Committee – The Design – Basis Threat (U) (Approved November 30, 2010) For Official Use Only

4.1.12. DHS Instruction Manual 121-01-017-01 Physical Security Construction and Equipment Specifications Instruction Manual (Approved March 21, 2015)

4.1.13. DHS Instruction 119-02-003, DHS Workspace Standard (Approved September 30, 2014)

4.1.14. ICE Office Of Professional Responsibility (OPR) ESS Connection Information Guide (Approved April 18, 2016)(If applicable)

5. PROJECT OVERVIEW

5.1.   Utility Requirements

5.1.1.   The Lessor shall provide the facilities with the required HVAC, electrical and plumbing services as outlined during the design phase. ICE facilities require a zoned HVAC system that reflects their unique mission requirements for 24x7 activities in various parts of the facility.

5.1.1.1. COM-ITC-MDF will contain ICE racks, servers and security equipment requiring 24x7 HVAC cooling.

5.1.1.2. COM-HSDN-C (HSDN) will contain ICE racks and equipment requiring 24x7 HVAC cooling and could be designed on an as needed basis.

5.1.1.3. LAB-TL (Tech Lab) may also contain ICE racks and equipment requiring 24x7 HVAC cooling.

5.1.1.4. Ensure proper zoning of entire suite to support overtime utilities as needed for tracking and billing purposes separate from the designated 24x7 rooms.

5.1.1.5. Exact cooling to be based on BTUs emitted by equipment required and specified during the design phase.

5.2. Security Requirements

5.2.1. The project shall comply with the Interagency Security Committee-Physical Security Criteria for Federal Facilities (April 12, 2010). ICE has determined all new leased construction shall be based on independent site, location and occupancy variables. The necessary setback distance and mitigation strategies will be determined following a formalized Threat Assessment and Risk Analysis. This project has been deemed a Facility Security Level II [Pending FPS confirmation].

5.2.2. ICE Office of Professional Responsibility (OPR) in conjunction with Federal Protective Service (FPS) shall conduct a Site/Building Risk Assessment for compliance and/or to determine the electronic security requirements for this facility and provide a scope of work during design.

5.2.3. N/A

5.2.4. N/A

5.2.5. N/A

5.2.6. ICE OPR will also determine whether and what type of security clearances for contractors on this project will be required. The Lessor shall agree to insert terms that conform substantially to the language of the security clearance requirements. These requirements will apply to all contract workers including but not limited to, design, construction, maintenance and cleaning service personnel. If applicable, a Building Access Request Form will be provided to the Lessor for use with directions for submittal of the required documentation.

5.3. Site and Stand-Alone Building/Visitor Screening: N/A

5.4. ICE Controlled Office Building: (If applicable) N/A

5.5.   Parking:

5.5.1. The Lessor shall provide the number of parking spaces required by the SFO, to include, but not be limited to, visitors and ICE Government fleet vehicles. These spaces shall be available on site and shall be secured as described within the SFO. Based on the facility type and size, the vehicles to be accommodated may include cars, vans and buses. This parking should be located adjacent or as close to the building as possible.

5.5.2. This project requires 15 GOV structured parking space(s). None oversized.

5.5.3. N/A

5.5.4. N/A

5.6.   Interior Layouts:

5.6.1. To assist in the design of the spaces, adjacency diagrams and prototypical blocking and stacking schemes may be provided by the ICE PM to demonstrate possible arrangements. While the building shapes encountered will be varietal, the adjacencies must be satisfied. A test fit plan with the necessary adjacencies may be required based on the shell and core design of the facility being proposed by GSA. This plan will serve as a schematic design for adjacency purposes only.

Adjacency and specific room requirements that affect the shell design are as follows:

a. N/A

b. Clerical Areas, File Rooms, Mission Support areas and Records Storage: Should be combined if deemed preferable by the stakeholder. In some situations decentralized file rooms improve the staff's efficiency.

   c.   Operating hours: ICE often operates during hours where other areas of the building may be closed. It is therefore necessary that the 24/7 personnel have access to the Break Room, Employee Restrooms (Men's and Women's) and Lobby.

   d.   Visitor Restrooms: provide per local code

   e.   The USICE Open Office Area (Clerical Area): Must be adjacent to the staff or team they serve and should be placed on the outside wall (if possible) to allow natural light to penetrate the building to the greatest possible degree.

   f.   N/A

6. SUSTAINABLE DESIGN

6.1.   ICE is required to meet sustainable building management requirements put into effect through legislation, Executive Orders (EO), and DHS Management Directives and is committed to incorporating principles of sustainable design and energy efficiency into all of its building projects, and will seek the applicable LEED certification as specified in the SFO. The Lessor must ensure the facility is in compliance with all Federal, State and local environmental protection laws and regulations.

6.2.   Sustainability requirements are encapsulated in the Guiding Principles for High Performance and Sustainable Buildings (Guiding Principles).

7. PROJECT SCHEDULE

7.1.   GSA/Lessor shall provide an overall project schedule giving the dates on which various phases of design and construction will be completed to coincide with ICE required occupancy date (refer to the "Lease Term Commencement Date" paragraph in the General Information section of the SFO). A preliminary schedule is to be provided within 30 calendar days after award of the lease contract and a finalized schedule no later than 60 days after lease award.

8. DOCUMENT SECURITY

8.1.   All documents used and created for this project are considered "For Official Use Only" (FOUO) – Law Enforcement Sensitive.

8.2.   For the purposes of this contract, the Lessor shall safeguard FOUO information in strict accordance with requirements set forth within the latest edition of the

General Services Administration PBS Order 3490.1 for Sensitive But Unclassified (SBU) information.

9. ICE PROJECT MANAGER

9.1. The Project Manager provides information and/or direction for items identified herein when requested by the design team to facilitate design process and construction of building and/or space.

10. TENANT IMPROVEMENT RENOVATIONS

10.1. Interior Renovations:

10.1.1. If the incumbent lessor wins, then in addition to the space design types requested w/ this project, ICE expects to receive a carpet and paint refresh, ceiling tile replacement as applicable, some windows' UV film and blinds replaced and applicable HVAC reconfiguration and upgrade to support mission and equipment as determined during design.

11. APPENDIX A:

11.1. See attached space types required for new or existing space renovation.

Space Standards

PRO-16-OPR-0248

Name	Space Type ID	Program	Quantity	Space Area	Factor	USF	SF	Notes	Class
Resident Agent in Charge	OFF-PVT-100	OPR	1	100	1.4	140	140	Enclosed Office	Admin
Criminal Investigator	W/S-S-64	OPR	9	64	1.4	89.6	806	Workstation: Desk Bound	Admin
Technical Enforcement Officer	W/S-S-64	OPR	1	64	1.4	89.6	90	Workstation: Desk Bound	Admin
Management & Program Analyst	W/S-S-64	OPR	1	64	1.4	89.6	90	Workstation: Desk Bound	Admin
Investigative Assistant	W/S-S-64	OPR	1	64	1.4	89.6	90	Workstation: Desk Bound	Admin
Total FTEs			**13**						
Name	Space Type ID	Program	Quantity	Space Area	Factor	USF		Notes	Class
IT/Telecom Closet (MDF)	COM-ITC-MDF		1	110	1.4	140	140	1-2 per floor	Admin
Office Support Center	OSP-SC		1	25	1.4	35	35	Office Support Center	Admin
Conference/Training (12-18)	C/T-18		1	250	1.4	329	350	Conference/Training (12-18)	Admin
Bulk Storage	SUP-BST		1	0	1.4	0	0		Admin
File Room, Administration	OSP-FR		1	50	1.4	70	70	File Room, Administration	Admin
Secure Reception/Waiting, Small	OSP-REC-S		1	50	1.4	70	70		Admin
Break Room (1-8)	OSP-BR-08		1	50	1.4	70	70	Break Room (1-8)	Admin
							1951	**150.0769231**	**AD UTIL**
Weapons Storage Room *(+SEC-WC ventilation)*	SEC-WS		1	100	1.4	140	140	*Class 5 safes required for weapons and ammo storage.*	MS
Tech Storage	LAB-TST		1	250	1.4	350	350	Adjacent to Tech Lab	MS
Tech Lab	LAB-TL		1	306.5	1.4	429	429		MS
Grand Jury File Room	OSP-GJF		1	200	1.4	280	280		MS
Secure File/Storage Room	SEC-SF		1	200	1.4	280	280	Classified	MS
Evidence Storage	SEC-ES		1	200	1.4	280	280	Safes	MS
HSDN (Closed)	COM-HSDN-C		1	200	1.4	280	280	IT equipment and workstations	MS
Interview/Informant Room	OSP-I/I		1	150	1.4	210	210		MS
							2249	**173**	**MS UTIL**
Grand Total USF						**4200**			

BUILDING ACCESS REQUEST FORM

This process does not allow un-escorted access and a Federal Employee must be present while the approved personnel are on site

[ ] Fingerprints have been submitted electronically – No FP Card Attached (Only applies to PCN Washington DC location) - (To be completed by the ICE Project Manager)

This Section to be completed by the Applicant/Vendor Representative or ICE Project Manager:

Applicant Name_____, _____, _____
(PRINT)   (LAST)   (FIRST)   (MIDDLE)

SSN _____-_____-_____ Date of Birth (MM/DD/YYYY) _____-_____-_____

Gender (CIRCLE)   M   F

Place of Birth (City/State/Country) _____

Alien or Citizenship # (If applicable) _____

Employment Authorization Card # and Expiration Date (If applicable)
_____

List place(s) (State(s)/Country(ies)) of residence during last three (3) years
_____   _____
_____   _____

This Section to be completed by an ICE Employee serving as the Project Manager:
Provide Project Description matching information submitted in advance to ICE Industrial Security

Name of contract Vendor: _____

Project Name/Number/Address: _____
_____
_____

Re-check (Circle):   YES / NO   (If Yes - Date of last check): (MM/DD/YYYY) _____-_____-_____

The below personnel will be notified of vetting action:

ICE Project Manager: _____ e-Mail:_____

ICE Field Security Manager: _____ e-Mail:_____

ICE Site POC: _____ e-Mail:_____

(This Section to be completed by Personnel Security Unit)

Vetting result - (Circle)   GRANTED   DENIED   REJECTED

_____
Adjudicator/Date

APPROVED ACCESS IS ONLY VALID FOR 120 DAYS FROM DATE GRANTED

Building Access Request (BAR) Form Process

- It is the responsibility of the Project Manager to ensure that a separate Building Access Request (BAR) Form is submitted for each individual.   Please ensure information on the form is completed and legible.

   This process, if approved, **does not allow un-escorted access to the facility and a Federal Employee must be present while the contractor(s) are on site.

Fingerprints:

- Two SF87 (March 2013) Fingerprint Cards (2) must be completed for each individual. If cards are not locally available, contact PSU Industrial Security at PSU-Industrial-Security@ice.dhs.gov for blank cards or order under NSN 7540-00-634-4037.
- The fingerprint cards and the BAR Form must be mailed together.
   Electronic Fingerprint Submission: (E-prints can be accomplished at the PCN in Washington DC only) (A Check Box is located at the top of the form to indicate Electronic Submission of fingerprints)
- Do not submit hard copy Fingerprint Cards if electronic fingerprints have been submitted.

US Citizenship; Legal Permanent Resident (LPR); or a Right to Work Visa Authorization requirement for all contractors working in support of an ICE Contract.

- The Contractor shall verify to the Program Manager / Contracting Officer that each employee prior to commencement of work on the Contract has a Social Security Card issued and approved by the Social Security Administration, and is authorized to work in the United States.

- Project Managers are responsible for tracking Authorized personnel, and ensuring ALL Security Requirements are adhered to. Required documentation must be **legible and fully completed**.

A copy of one of the following documents is required, if the individual was born outside of US:

- Naturalization Certificate
- State Department form for birth abroad
- U.S. Passport showing citizenship
- Permanent Residency Card
- Employment Authorization Card

Mail the Building Access Form and Finger Print Cards together to:

DHS/ICE/OPR
Attn: Personnel Security Unit/Industrial Security Team
4050 Alpha Road, Suite 1200
Farmers Branch, TX 75244
Please forward any questions our email address at psu-industrial-security@ice.dhs.gov

4

U.S. Immigration
and Customs
Enforcement

ICE Directives

 U.S. Immigration
and Customs
Enforcement

USICE DIRECTIVES

Instructions

Instruction 119-02-003 DHS Workspace Standard (dated September 30, 2014)

Establishes the methodology for supporting the OMB's *Freeze The Footprint initiative*

Instruction 121-01-017-01 Physical Security Construction and Equipment Specifications Instruction Manual (Approval March 21, 2015)

Establishes the construction and security equipment specification requirements occupied by Support Components located in the National Capital Region (NCR). This document is used as a guideline for all other locations.

Instruction 121-01-011 DHS Information Sharing and Safeguarding Strategy (Dated January 2013)

Establishes information sharing and safeguarding direction and priorities for the Homeland Security Enterprise (HSE).

Statutes and Regulations

Energy Independence and Security Act of 2007 (EISA 2007) and supporting Guidelines and Criteria from DOE FEMP.

Establishes core requirements for Federal energy management programs.

Energy Policy Act of 2005 (EPAct 2005; P.L. 109-58).

Establishes energy and water metering and efficiency requirements in all appropriate federal facilities and vehicles.

Federal Acquisition Regulation (FAR) Subsection 23.1 , Sustainable Acquisition Policy

Federal Acquisition Regulation (FAR) Subsection 23.2 , Energy and Water Efficiency and Renewable Energy

Executive Orders

Executive Order 13221, Energy Efficient Standby Power Devices

The Order requires the purchase of power devices with a standby power function at each agency.

Executive Order 13311, Homeland Security Information Sharing

Establishes internal management of the Federal Government in relation to sharing and access to information classified pursuant to Executive Order 13526.

Executive Order 13526, Classified National Security Information

Establishes the standard for the process of classifying, safeguarding and declassifying national security information.

Executive Order 13693, Planning for Federal Sustainability in the Next Decade (dated March 19, 2015)

Enumerates 12 goals for promoting GHG emissions reductions and alternative energy solutions.

Interagency Requirements

Intellligence Community Directive ICD 705 (Sensitive Compartmented Information Facilities) (Dated May 26,2010)

The ICD establishes that all Sensitive Compartmented Information Facilities (SCIF) shall comply with uniform IC physical and technical security requirements.

Intelligence Community Standard ICS 705-1 Physical and Technical Security Standards for Sensitive Compartmented Information Facilities (Dated September 17, 2010)

The ICS establishes the physical and technical security standard for SCIFs, including new and existing construction, and renovation.

Federal Leadership in High Performance and Sustainable Buildings MOU (2006) - Signatory agencies commit to federal leadership in the design, construction, and operation of High-Performance and Sustainable Buildings.

2016 Guiding Principles for Sustainable Federal Buildings – Guiding Principles for New Buildings and Modernization

The Council for Environmental Quality issued an updated set of Guiding Principles for both new and existing Construction, per Executive Order 13693.

Interagency Security Committee (ISC) Physical Security Criteria for Federal Facilities (FOUO) (Dated April 12, 2010)

Establishes a baseline set of physical security measures to be applied to all Federal facilities at each FSL – I, II, III, IV and V. Further, this standard provides a framework for the customization of security measures to address unique risks faced at each facility.

Interagency Security Committee (ISC) The Design-Basis Threat (DBT) (U)(FOUO) (Dated November 30, 2010)

The DBT establishes a profile of the type, composition, and capabilities of adversaries.

Combating Terrorism Technology Support Office/Technical Support Working Group Best Practices for Mail Screening and Handling Guide

The guide establishes a framework for understanding and mitigating risks posed by mail and packages.

DHS Policy Directives

DHS Management Directive 020-01- Energy and Water Management

This directive establishes the DHS policy regarding development and establishment of efficient, sustainable, resilient, and secure energy and water use management practices.

DHS Management Directive 025-01- Sustainable Practice

This directive establishes DHS policy regarding the development of Sustainable Practices for Environmental, Energy and Economic Performance (Sustainable Practices).

DHS Guides

Customs and Border Patrol Seized Asset Management and Enforcment Procedures Handbook (HB 4400-01B) (Dated July 2011)

This handbook contains the standards that Customs and Border Patrol (CBP) and ICE personnel must follow concerning seized property.

IDHS Management Directives System Phsical Protection of Facilities and Real Property (Issue Date April 21, 2003)

This document establishes policy regarding the physical protection of facilities and real property.

ICE Guides

ICE OPR ESS Connection Information Guide (Dated 4/18/2016)

This document establishes the DHS policy regarding development and establishment of efficient, sustainable, resilient, and secure energy and water use management practices.

Homeland Security Investigations (HSI) Evidence Handbook (HSI HB 15-05) (Dated November 9, 2015)

This evidence handbook provides a uniform source of national policies, procedures, responsibilities, guidelines and controls to be followed concerning evidence and seized property.

Office of the Chief Information Officer (OCIO) Network Implementation Branch (NIB) Engineering Division Structured Cable Plan Standard (V. 7.4) (Dated September 6, 2012)

This document provide the standards for structured cable plants in support of Local Area Network (LAN) and voice connectivity.

IT Field Operations Branch / Operations Division Main Distribution Frame (MDF) / Wiring Closet (WC) Guidelines (V 3.0) (Dated July 2012)

This document establishes guidelines for maintaining all ICE Main Distribution Frames (MDF) and Wiring Closets (WC).

ICE Performance-Based National Detention Standards 2011 (PBNDS 2011) (Dated 2011)

The PBNDS reflect ICE's ongoing effort to tailor the conditions of immigration detention to its unique purpose.

ICE Office of Enforcement and Removal Operations (ERO) 11087.1 Operations of ERO Holding Facilities (Issue Date September 22, 2014)

This document governs the operation of holding facilities located within ERO field offices.

5

U.S. Immigration
and Customs
Enforcement

Space / Room Design Guide

SPACE / ROOM DESIGN GUIDE

5. Introduction

The Facility Design Guide is to be primarily used by USICE personnel as a facility planning and management tool. Other possible users of information in the Facility Design Guide is General Services Administration (GSA) transaction managers, realty specialists, construction project managers, current and prospective private lessors, architects, and contractors. The Facility Design Guide provides a benchmark for planning and design of new lease acquisitions, and for the evaluation and renovation of existing space.

The Facility Design Guide provides space standards for the following USICE components:

1. Enforcement and Removal Operations (ERO) - which includes Secure Communities
2. Homeland Security Investigations (HSI) – which includes Office of Intelligence (INTEL) and Office of International Affairs
3. Office of Professional Responsibility (OPR)
4. Office of Principal Legal Advisor (OPLA)
5. Office of the Chief Information Officer (OCIO)
6. Office of the Chief Financial Officer (CFO)
7. Office of Human Capital (OHC)

The Facility Design Guide includes room data sheets that provide written criteria and plans for personnel workspaces, office support spaces, conference/Training rooms, Communication spaces, Fitness rooms, Laboratories, Secured and Detention spaces and support areas. The room designations consist of two components: 1) general category and 2) specific category. Where applicable, a third component is introduced, 3) size. All spaces are identified using these nomenclature criteria.

The following design/construction criteria are provided for most spaces in the room data sheets:

Space Description – A generic description of the space function.

Wall Construction – The type of enclosing and internal wall construction the space requires.

Construction – The descriptions of special ceiling, floor and wall construction and includes required sound transmission class (STC) ratings.

Doors – The descriptions of the doors include type, material, size, rating, door frame type, material, and hardware set. Dimensions given are the door clear opening exclusive of stops.

Fixed Furnishings and Equipment – Fixed furnishings include custom millwork and other casework requirements that are commercially manufactured cabinets or furniture. Specialties and equipment sizes are based on the best available information and need to be verified for each facility.

Mechanical – The description of all HVAC system, Air Pressure (including exhaust) and Plumbing requirements.

Communications – The description of telecommunications requirements that include Phone/Data outlet and other special communications items.

Adjacencies – A list of applicable spaces that are complimentary and/or required to be adjacent to the described space type.

Interior Finishes – A list of materials and finishes for each space type. The list includes floor, base molding, walls, ceiling materials, and finished ceiling height.

Windows – The descriptions of the interior windows (if applicable) include frame material, frame size and glazing and exterior windows treatments (if applicable).

Furniture – The expectation for free standing and/or systems furniture is noted. The plans are for illustrative purposes only; actual furniture, office systems, and equipment should be verified with the manufacturer to determine sizes, spacing, clearances, configuration, and layout.

Electrical – Electrical lighting, power, and receptacles requirements are listed and shown on plans.

Security – CCTV, Access Control, Duress Alarm systems and Intrusion Detection Systems (IDS) requirements are listed. These requirements and layout are for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with the OPR Scope of Work (SOW) and approved by the USICE Facilities Project Manager.

Remarks – Includes supplemental information related to the criteria or use of the space, including appropriate specifications.

Photo – Photos are only to represent an example of the space, furniture layout or function. It is not to be used as the final design or selection of finishes.

Drawings – Drawings depicting possible room layouts are for illustrative purposes only.

Application of the Facilities Design Guide criteria may be influenced by the physical characteristics of the available space such as building and room dimensions, window locations, column spacing, structural floor loading capacity, building access, vertical transportation, and site restrictions. These factors affect the room layout, furniture arrangement, space adjacencies, and compliance with federal and local building requirements for life safety and accessibility.
The Facilities Design Guide is intended to be flexible enough to adapt to building requirements, but significant variation from the Facilities Design Guide criteria requires approval by the USICE Office of Asset and Facilities Management Region Lead. The request for variance must include the following information: Cost, Square Footage, Utilization and Schedule Impact.

FACILITY CONSTRUCTION STANDARDS AND/OR REQUIREMENTS

1. **Project Overview**

   Compliance with General Services Administration (GSA) specifications and/or lease, Underwriters Laboratory (UL)), National Institute of Standards and Technology, Federal Information Processing Standards, Interagency Security Committee (ISC) Security Standards for Leased Space, DHS Office of Security "Physical Security Construction and Equipment Specifications Handbook" and Homeland Security Presidential Directive 12 is required for all US Immigration and Customs Enforcement (ICE) projects.

2. **Physical/security requirements**

   a. **Contractor Security Requirements**

   ICE/Security Management Unit (SMU) may require that the Contractor have the following qualifications: FBI Finger print checks, USCIS Immigration status checks, and NCIC checks as needed for contracted personnel completed prior to allowing access as per GSA Lease.

   b. **Perimeter, Demising and Secure Wall Requirements**

   Perimeter Wall: A wall located on the outermost perimeter of ICE occupied space that is not also a demising wall separating ICE from adjacent tenants or public common building space. Typically, a perimeter wall is a building exterior wall or an interior wall that abut non-public core space. Perimeter walls should meet the lease standards. The Lessor shall provide a level of security that reasonably prevents unauthorized entry to the space during non-duty hours and deters loitering or disruptive acts in and around the space leased.

   Demising Wall: A full height, slab to slab wall with acoustical batt (3"), that separates ICE occupied spaces from adjacent tenant's space or public common building space. Demising walls within federal buildings will adhere to the GSA PBS P-100 (Facility Standards for the Public Buildings Service) criteria for Tier 1 High Performance Metal Stud Partitions. The ICE/OPR SMU will evaluate the overall security of the facility to ascertain if secure walls are required for demising walls, new or existing. Those recommendations will be forwarded to the OAFM Project Manager.

   General construction of new Demising Walls (In lieu of the absence of a contractual or code requirement): Slab to slab, sixteen (16) gauge metal runner, at the top and bottom, anchored with PAF spaced at six inches (6") O.C., three quarter inch (3/4") deep; Sealant placed top and bottom, both sides; Sixteen (16) gauge metal studs spaced at sixteen inches (16") O.C.; One layer of type "X" five eighths inch (5/8") gypsum wall board on both sides; taped and finished with joint compound and painted slab to slab. Three inch (3") acoustical batting, the entire height and width of wall. Sheet metal ducting into the space will have man bars on a steel angle frame, framed at the wall at duct opening. If security mesh is required, add one layer of (9 or 10) gauge metal security mesh inside the wall board, on the threat side, welded or screwed to the metal framing at six inches (6") O.C. vertically at each stud and horizontally along the true floor and true ceiling plates. If screwed, use diamond shaped fender washer designed for that purpose. Joints will overlap at the studs to provide strength.

Secure Wall (New or Existing): A full height, slab to slab wall with acoustical batt (3")(if applicable) and security mesh, that separates ICE secured spaces from adjacent ICE space, adjacent tenant space or public common building space. The ICE/OPR SMU will evaluate the building condition to ascertain if secure walls are required to be slab to slab or due to site-specific circumstances, terminated at a suitable height and then integrated into a hard ceiling over the secure space. Those recommendations will be forwarded to the OAFM Project Manager.

General construction of Secure Walls: Slab to slab, sixteen (16) gauge metal runner, at the top and bottom, anchored with PAF spaced at six inches (6") O.C., three quarter inch (3/4") deep; Sealant placed top and bottom, both sides; Sixteen (16) gauge metal studs spaced at sixteen inches (16") O.C.; One layer of type "X" five eighths inch (5/8") gypsum wall board on both sides; taped and finished with joint compound and painted slab to slab. Three inch (3") acoustical batting the entire height and width of wall as required. Sheet metal ducting into the space will have man bars on a steel angle frame, framed at the wall at duct opening. Add one layer of (9 or 10) gauge metal security mesh inside the wall board, on the threat side, welded or screwed to the metal framing at six inches (6") O.C. vertically at each stud and horizontally along the true floor and true ceiling plates. If screwed, use diamond shaped fender washer designed for that purpose. Joints will overlap at the studs to provide strength.

c. Perimeter, Demising and Secure Area Door Requirements

These requirements will apply for those areas of the project that are not covered in specific space requirements.

For security reasons, the number of perimeter suite and facility doors will be minimized.

Construction requirements for high security doors:

a. Solid wood core door; a minimum of one and three quarters inches (1 ¾") thick with a welded steel door frame assembly mounted to sixteen (16) gauge metal studs.

b. Sixteen (16) gauge metal cladding over wood or composition materials, a minimum of one and three quarter inches (1 ¾") thick. The metal cladding shall be continuous and cover the entire front and back surface of the door.

c. Facility perimeter or metal fire or acoustical protection doors, will be a minimum of one and three quarters inches (1 ¾") thick. High security doors must be hung in a metal frame. Steel doors hung in a metal frame are acceptable if that is the building standard door. High security door frames must be of sufficient strength to preclude distortion that could cause improper alignment of door alarm sensors, improper door closure or degradation of audio security.

d. In addition to a card reader and/or high security locks, all doors for secure area require a minimum, one inch (1") throw deadbolt lock.

Special Note:

Perimeter double doors, glass doors, and doors with louvers are unacceptable, with the only exception being the public door leading into a reception area. High security door hinge pins must be installed internal to ICE space. When those doors must be installed, if the hinge pins are exposed in the unsecured area, hinges with non-removable hinge pins and security pegs must be installed.
A metal outside escutcheon plate will be installed for the approved lockset on high security doors. All door installations must retain the anti-shim features of the locksets used. On doors which swing outward, a steel protector plate which precludes access to the latch bolt must be installed.

High security doors require a heavy duty commercial grade automatic door closer.

d. High Security Locks (Perimeter Doors and where applicable)

All door hardware is required to be Heavy Duty Grade 1 Mortised Hardware storeroom function lock with a minimum 1" throw deadbolt and must accept high security cylinders compatible with pyramid key control meeting Underwriters Laboratory (UL) Standard 437 Key Locks, American National Standards Institute (ANSI) Standard A156.30-2003, American National Standards for High Security Cylinders, and ANSI Standard 156.5-2001, American National Standards for Auxiliary Locks and Associated Products.

This applies to those doors indicated in the specific space requirement, Perimeter doors and other doors identified by the ICE OPR/SMU Physical Security Facility Construction Project Manager.

Doors to be utilized for emergency exiting only are to have no exterior hardware.

e. Duct work openings

All vents, ducts, and similar openings in excess of ninety-six (96) square inches that enter or pass through a suite perimeter wall identified by the ICE OPR/SMU must be protected with either man bars or grills on a steel angle frame, framed at the wall at duct opening. ICE OPR/SMU needs to verify and inspect the materials used and the construction of the vents to verify barrier installation. An access port to allow visual inspection of the protection in the vent or duct must be installed inside the secure perimeter of the space. If the inspection port must be installed outside the secure perimeter, it must be able to be locked.

If one dimension of the duct measures less than six inches (6"), or the duct is less than ninety-six (96) square inches, bars are not required. If bars are used, they must be one half inch (½") diameter steel welded vertically and horizontally six inches (6") O.C.; if grills are used, they must be of thirteen (13) gauge expanded steel; if commercial sound baffles are used, the baffles or wave forms must be metal permanently installed and no farther apart than six inches (6") in one dimension. A deviation of one half inch (½") in vertical and/or horizontal spacing is permissible.

f. Exterior Windows

All Exterior windows must meet the GSA Standard Test Method for Glazing and Window Systems Subject to Dynamic Overpressure Loadings 3b rating of protection.

See APPENDIX A for applicable space standards for this request.

Space Type	Description	Square Footage	DHS Workplace Standards	Page Number	Revision Date
Office					
OFF-PVT-120	Office	120	OS	5-12	2.4.2016
OFF-PVT-100	Office	100	OS	5-14	2.8.2016
W/S-S-64	Workstation (8' x 8')	64	OS	5-16	2.8.2016
W/S-S-48	Workstation (6' x 8')	48	OS	5-18	2.9.2016
W/S-S-36	Workstation (6' x 6')	36	OS	5-20	2.12.2016
W/S-S-24	Workstation (4' x 6')	24	OS	5-22	2.12.2016
OSP-REC-S	Secure Reception/Waiting, Small	Scalable	OS	5-24	2.12.2016
OSP-REC-L	Secure Reception/Waiting, Large	Scalable	OS	5-26	2.12.2016
OSP-W	Waiting Area	Scalable	OS	5-28	2.12.2016
OSP-SC	Office Support Center	Scalable	OS	5-30	2.12.2016
OSP-SR	Supply Room	Scalable	OS	5-32	2.12.2016
OSP-I/I	Interview/Informant Room	Scalable	MS	5-34	5.4.2016
OSP-GJC	Grand Jury Conference Room	Scalable	MS	5-36	2.12.2016
OSP-GJF	Grand Jury File Room	Scalable	MS	5-38	2.12.2016
OSP-NDW	Non-Detainee Docket Waiting Room	Scalable	MS	5-40	2.12.2016
OSP-LL	Law Library	Scalable	OS	5-42	2.16.2016
OSP-BR-08	Break Room (1 to 8)	Scalable	OS	5-44	3.21.2016
OSP-BR-12	Break Room (9 to 12)	Scalable	OS	5-46	3.21.2016
OSP-BR-20	Break Room (13 to 20)	Scalable	OS	5-48	3.22.2016
OSP-IC	Internal Correspondence	Scalable	OS	5-50	3.22.2016
OSP-FR	File Room, Administration	Scalable	OS	5-52	3.22.2016
OSP-AF	File Room, Alien	Scalable	MS	5-54	3.22.2016
Conference/Training Rooms					
C/T-08	Conference/Training	Scalable	OS	5-56	3.22.2016
C/T-12	Conference/Training	Scalable	OS	5-58	3.22.2016
C/T-18	Conference/Training	Scalable	OS	5-60	3.22.2016
C/T-40	Conference/Training	Scalable	OS	5-62	3.23.2016
C/T-50	Conference/Training	Scalable	OS	5-64	3.28.2016
Communications					
COM-ITC-SUITE	IT/Telecom Suite	Scalable	OS	5-66	3.29.2016
COM-ITC-MDF	IT/Telecom Closet (MDF)	Per drops	OS	5-68	3.29.2016
COM-ITC-RWC	IT/Remote Wire Closet (RWC)	Per drops	OS	5-70	3.29.2016
COM-HR	Hello Room	Scalable	MS	5-72	3.29.2016
COM-PRR	Pen Register Room	Scalable	MS	5-74	3.30.2016
COM-WR	Wire Room	Scalable	MS	5-76	4.4.2016
COM-SCIF	SCIF	Scalable	MS	5-78	4.7.2016
COM-HSDN-C	HSDN (CLOSED)	Scalable	MS	5-80	5.4.2016
COM-HSDN-O	HSDN (OPEN)	Scalable	MS	5-82	5.4.2016

Space Type	Description	Square Footage	DHS Workplace Standards	Page Number	Revision Date
Fitness Rooms					
FIT-L/S	Lockers/Showers	Scalable	OS	5-84	5.4.2016
FIT-FR-S	Fitness Room, Small	Scalable	MS	5-86	5.4.2016
FIT-FR-L	Fitness Room, Large	Scalable	MS	5-88	4.8.2016
FIT-MR	Mat Room	Scalable	MS	5-90	4.8.2016
FIT-FS-S	Fitness Suite, Small	Scalable	MS	5-92	5.5.2016
FIT-FS-L	Fitness Suite, Large	Scalable	MS	5-94	5.5.2016
Laboratories					
LAB-TL	Tech Lab	Scalable	MS	5-96	4.8.2016
LAB-TST	Tech Storage	Scalable	MS	5-98	4.8.2016
LAB-TLS	Tech Lab Suite	Scalable	MS	5-100	4.11.2016
LAB-CFL	Computer Forensics Lab	Scalable	MS	5-102	4.11.2016
LAB-CFST	Computer Forensics Storage	Scalable	MS	5-104	4.12.2016
LAB-CFSVR	Computer Forensics Server Room	Scalable	MS	5-106	4.12.2016
LAB-CFS	Computer Forensics Suite	Scalable	MS	5-108	4.12.2016
LAB-CVR	Controlled Viewing Room	Scalable	MS	5-110	4.12.2016
Secured Areas					
SEC-SF	Secure File/Storage Room	Scalable	MS	5-112	4.12.2016
SEC-ES	Evidence Storage Room	Scalable	MS	5-114	5.16.2016
SEC-EP	Evidence Preparation Room	Scalable	MS	5-116	4.18.2016
SEC-EVS	Evidence Suite	Scalable	MS	5-118	5.16.2016
SEC-AS	Ammunition Storage Room	Scalable	MS	5-120	4.18.2016
SEC-WS	Weapons Storage Room	Scalable	MS	5-122	4.18.2016
SEC-WC	Weapons Cleaning Room	Scalable	MS	5-124	5.6.2018
SEC-AWST	Ammo/Weapon Storage	Scalable	MS	5-126	4.19.2016
SEC-AWS	Ammo/Weapon Suite	Scalable	MS	5-128	4.19.2016
SEC-TES	Tactical Equipment Storage Room	Scalable	MS	5-130	4.19.2016
SEC-IS	Secure Interview Suite	Scalable	MS	5-132	5.2.2016

Space Type	Description	Square Footage	DHS Workplace Standards	Page Number	Revision Date
Detention Areas					
DET-INT	Detainee Interview Room	Scalable	MS	5-134	5.2.2016
DET-OBSV	Detainee Observation Room	Scalable	MS	5-136	5.2.2016
DET-HLD-01	Detainee Holding Room, Individual - ADA	Scalable	MS	5-138	5.16.2016
DET-HLD-S	Detainee Holding Room, Small	Scalable	MS	5-140	5.16.2016
DET-HLD-M	Detainee Holding Room, Medium	Scalable	MS	5-142	5.16.2016
DET-HLD-L	Detainee Holding Room, Large	Scalable	MS	5-144	5.16.2016
DET-VIS-RM	Detainee Non-Contact Visitor Room	Scalable	MS	5-146	5.16.2016
DET-VIS-BOOTH	Detainee Non-Contact Visitor Booth	Scalable	MS	5-148	5.7.2016
DET-VES-S	Detainee Vestibule/Search, Small	Scalable	MS	5-150	8.8.2016
DET-VES-L	Detainee Vestibule/Search, Large	Scalable	MS	5-152	8.7.2016
DET-PROC-S	Detainee Processing Area, Small	Scalable	MS	5-154	5.8.2016
DET-PROC-L	Detainee Processing Area, Large	Scalable	MS	5-156	5.8.2016
DET-PROP-S	Detainee Property Room, Small	Scalable	MS	5-158	5.16.2016
DET-PROP-L	Detainee Property Room, Large	Scalable	MS	5-160	5.16.2016
DET-SP-S	Detainee Sallyport, Small	Scalable	MS	5-162	5.9.2016
DET-SP-L	Detainee Sallyport, Large	Scalable	MS	5-164	5.9.2016
DET-FSV	Detainee Food Service Room	Scalable	MS	5-166	5.10.2016
Support Areas					
SUP-M/R-2	Mail Receiving/Mail Room Level 2	Scalable	OS	5-168	5.12.2016
SUP-BST	Bulk Storage	Scalable	OS	5-170	5.12.2016

OS   Office Space
Subject to DHS Workplace Standards limitation of 150 USF/person

MS   Mission Space
Not subject to 150 USF/person limitation, but provided only as required by, and sized appropriately for each office's mission

GRAPHIC SYMBOLS

LIGHTING AND POWER
(TURN KEY BY LESSOR)

	DUPLEX ELEC. RECEPTACLE
	FLOOR MOUNTED - DUPLEX ELEC. RECEPTACLE
(FW)	ELEC. CIRCUIT TERMINATED IN JUNCTION BOX FOR SYSTEMS FURNITURE WHIP
(JB)	JUNCTION BOX WITH COVER PLATE
GFI	DUPLEX ELEC. RECEPTACLE ON GROUND FAULT CIRCUIT INTERRUPTER
	QUAD ELEC. RECEPTACLE
	DUPLEX ELEC. RECEPTACLE ON DEDICATED CIRCUIT
	QUAD ELEC. RECEPTACLE ON DEDICATED CIRCUIT

SECURITY
(TURN KEY BY LESSOR)

(KP)	SECURITY SYSTEM KEY PAD
(CR)	COMBINATION CARD READER AND KEYPAD
(CL)	CYPHER LOCK
C◁	CLOSED CIRCUIT TV CAMERA
(CC)	CLOSED CIRCUIT TV OUTLET
(VI)	VIDEO INTERCOM
(BMS)	BALANCED MAGNETIC SWITCH
(MS)	MOTION SENSOR - CEILING
⊢(MS)	MOTION SENSOR - WALL
(GBS)	GLASS BREAK SENSOR

TV, VTC, RADIO
(BACK-BOX, CONDUIT, AND CABLING BY LESSOR. EQUIP AND FINAL CONNECTIONS BY ICE)

P◁	CEILING MOUNTED PROJECTOR
⊏⊐M	TV / VCT MONITOR MOUNTED AT 65" AFF TO CENTER LINE
⊏⊐S	CEILING MOUNTED PROJECTION SCREEN
TV	SATELLITE / CABLE TV OUTLET
TVE	SATELLITE / CABLE TV EQUIPMENT (CABLE BOX)
VT	VIDEO TELECONFERENCING OUTLET
VTE	VIDEO TELECONFERENCING EQUIPMENT
R	RADIO CONSOLE OUTLET
RM	RADIO BASE STATION. INCLUDE CONDUIT THRU ROOF WITH WEATHER HEAD.

VOICE AND DATA
(BACK-BOX, CONDUIT, AND CABLING BY LESSOR. EQUIP AND FINAL CONNECTIONS BY ICE)

◁	DIGITAL TELEPHONE RECEPTACLE
◁P	ANALOG TELEPHONE RECEPTACLE
◀	DATA RECEPTACLE
◁	STANDARD ICE DATA DROP - INCLUDES 2 DATA AND 1 DIGITAL VOICE CIRCUITS
◁	FLOOR MOUNTED DATA DROP - INCLUDES 2 DATA AND 1 DIGITAL VOICE CIRCUITS

MISCELLANEOUS
(TURN KEY BY LESSOR)

HB	HOSE BIB - FROST PROOF AT EXTERIOR LOCATIONS
48	WHEN PAIRED WITH OTHER SYMBOLS, A NUMBER IS THE HEIGHT ABOVE FINISHED FLOOR IN INCHES

8.8.2016

ROOM DATA SHEETS

8.8.2016

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OFF-PVT-100 Office	**OS**
Area: 100 Square Feet	

Space Description
Hard-walled space where one person works as dictated by the ICE Office and Workstation Standards. This may include casegoods and/or free-standing furniture.

Wall Construction
Walls: S-P — Slab to above ceiling partition (interior)
S-F* — Non-Secure Full ht (Demising wall)
S-F-3* — Secure Full ht w/ security mesh (Demising wall)
*OPR to confirm

Adjacencies
- OSP-W Waiting Area (if required)
- C/T-XX Conference/Training (optional)

Construction
Ceilings: Acoustic Batts above
Floors: NA
Walls: Acoustic Batts
STC Rating: NA

Interior Finishes
Floors: CPT Tile
Base: 4" Rubber/Vinyl cove
Walls: PTD Gyp Bd
Ceiling: ACT (2 X 2 preferred)
Ceiling Height: 8'-6" Min.

Doors
Door Type/Material: A / SCWD
Door Size/Rating: 3'-0" x 7'-0" / NA
Frame Type/Material: 1 or 3 / HM
Hardware set: 01/F04
Standard Office

Windows
Interior Frame Material: HM (if applicable)
Interior Frame Size: As scheduled (if applicable)
Glazing: Tempered Glass (if applicable)
Ext. Window Treatment: Blinds
*Blast film if reqd

Fixed Furnishings/Equipment
Casework: NA
Specialties: NA
Equipment: NA

Furniture
As indicated on floor plan
Furniture layout for design purposes only – refer to furniture vendor for final quantity and design.

Mechanical
HVAC: Part of multi-zoned HVAC system
Air Pressure: NA
Plumbing: NA

Electrical
Lighting: 30-50 foot-candles at 30" AFF, controlled by occupancy sensors.
Power: Per plan in accordance with local/state/federal code, whichever is more stringent

Communications
Phone/Data Outlets:
Provide combination receptacles per plan

Security *
CCTV: NA
Access Control: NA
Duress System: NA
IDS: OPR to confirm

Special Requirements:
Review for optional TV cable/satellite and backing for wall mounted display

Remarks
- If the final layout incorporates "in-board" offices (not on an exterior wall), those offices can utilize the option of a door with a sidelight or include a window to obtain natural light.

- Review for **Optional** Components:
  - Remote Door/Gate Release
  - Video Intercom (Master Station)
  - Radio Console Outlet
  - CCTV outlet and monitor
  - TV Cable
  - TV/VTC monitor

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

OFF-PVT-100   Office
Area: 100 Square Feet

0 ———— 5'

OS
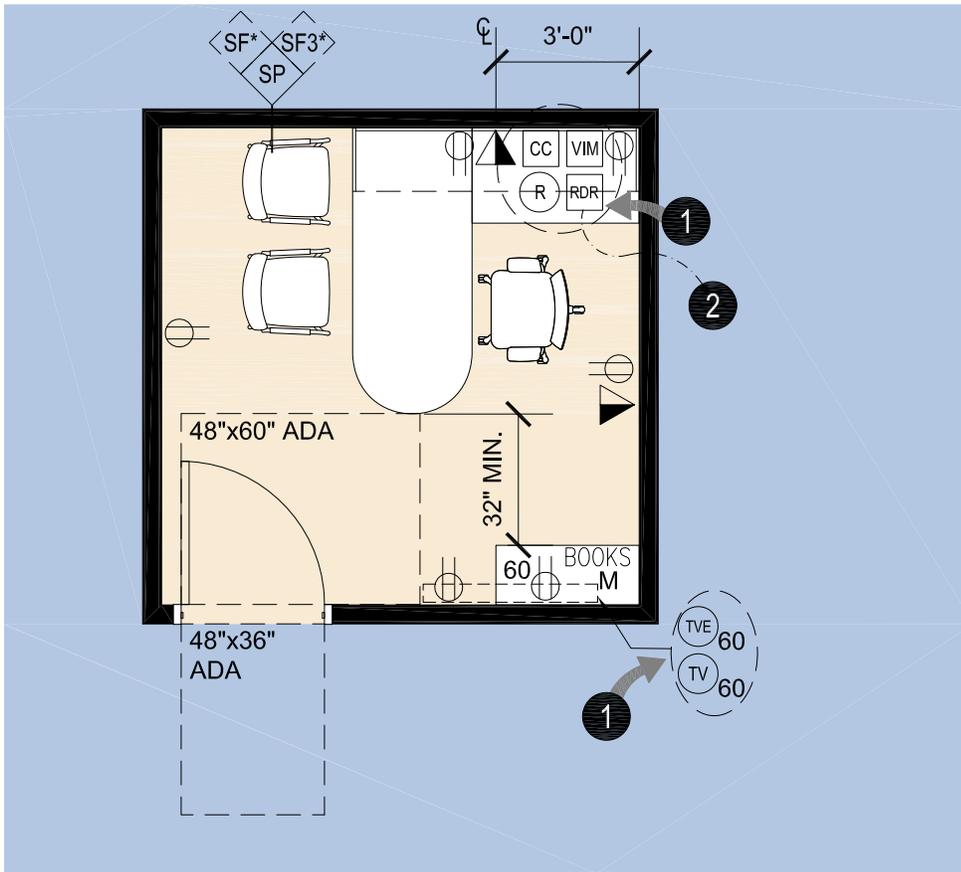
KEYED NOTES

1 Optional items that are project specific - confirm with program

2 *Optional Remote Door Release for exterior gates

WALL TYPES

SP Slab to above ceiling partition (interior)(Default wall type)

SF Non-Secure Full ht (Demising wall)(Option)

SF3 Full ht, Secure wall w/ security mesh (Demising wall)(Option)

LEGEND

RDR Remote Door Release

VIM Video Intercom Master

CC CCTV Outlet

M TV / VTC Monitor mounted at 65" AFF to centerline

R Radio Console Outlet

TVE TV Cable Equipment

TV TV Cable Outlet

WS-S-64 Workstation (8' X 8') Area: 64 Square Feet	**OS**

Space Description
Systems furniture based space where one person works as dictated by the ICE Office and Workstation Standards. This may include free-standing furniture.

Wall Construction
Walls: NA

Adjacencies

Construction
Ceilings:	NA
Floors:	NA
Walls:	NA
STC Rating:	NA

Interior Finishes
Floors:	Open Office Area - CPT Tile
Base:	Open Office Area - 4" Rubber/Vinyl cove
Walls:	Open Office Area - PTD Gyp Bd
Ceiling:	Open Office Area - ACT
Ceiling Height:	8'-6" Min.

Doors
Door Type/Material:	NA
Door Size/Rating:	NA
Frame Type/Material:	NA
Hardware set:	NA

Windows
Interior Frame Material:	NA
Interior Frame Size:	NA
Glazing:	NA
Ext. Window Treatment:	NA

Fixed Furnishings/Equipment
Casework:	NA
Specialties:	NA
Equipment:	NA

Furniture
As indicated on floor plan
Furniture layout for design purposes only – refer to furniture vendor for final quantity and design.

Mechanical
HVAC:	Part of multi-zoned HVAC system
Air Pressure:	NA
Plumbing:	NA

Electrical
Lighting:	30-50 foot-candles at 30" AFF, controlled by occupancy sensors arranged to control open office area.
Power:	Per plan in accordance with local/state/federal code, whichever is more stringent 4-5 stations per 3-circuit/8 wire infeed (typ)

Communications
Phone/Data Outlets:
Provide combination receptacles per plan

Special Requirements: NA

Security *
CCTV:	NA*
Access Control:	NA
Duress System:	NA*
IDS:	OPR to confirm

*CCTV monitor and duress at transaction window workstation

Remarks
- Furniture procured and installed by ICE – Furniture Vendor.
- ICE Furniture Vendor to provide power whips
- The Lessor shall provide power for 3-circuit/8 wire bottom-fed workstations, terminated in J-boxes.
- The Lessor shall connect workstation power whips to the appropriate junction boxes.
- The Lessor shall provide 90 degree liquid tight fitting at each feed location.
- Power poles are not preferred.

- Power preferred to be fed from adjacent wall or in under floor conduit.
- Voice/Data cabling and back-boxes provided and installed by Lessor or ICE OCIO.
- Receptacles, cover plates and final connections by Lessor or ICE OCIO.
- Refer to local/applicable codes for clear access width to access workstations in designed layout.
- Recommend 3" clear between wall and systems furniture.

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

WS-S-64   Workstation (8' x 8')
Area: 64 Square Feet

0   5'

OS
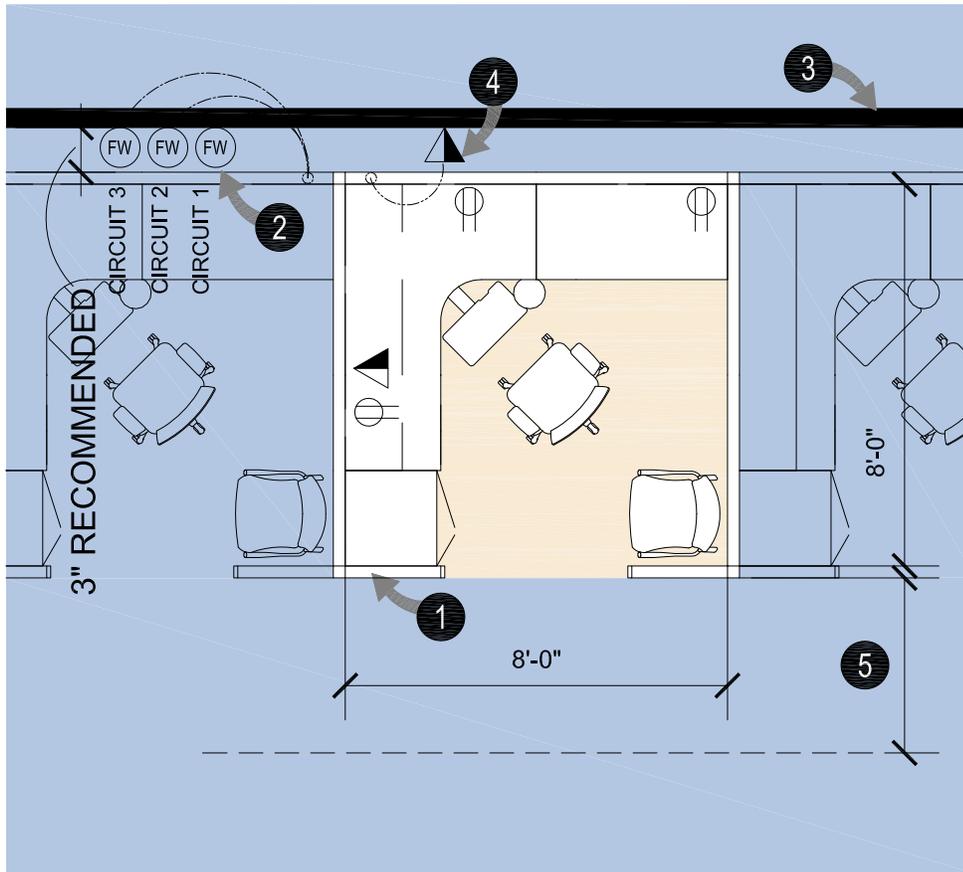
KEYED NOTES

1. Furniture procured and installed by ICE - Furniture Vendor

2. The Lessor shall provide power for 3-circuit/8 wire bottom-fed workstations, terminated in junction boxes. The Lessor shall also connect workstation power whips to the appropriate junction boxes. The power whips shall be provided by ICE - Furniture Vendor. 4-5 stations per 3-circuit/8 wire infeed (typ)

3. Permanent walls by Lessor. Shown for clarity.

4. Voice/data cabling and back-boxes provided by Lessor or ICE OCIO. Receptacles, cover plates and final connections by Lessor or ICE OCIO.

5. Clear access to workstation dependent on applicable codes.

3" RECOMMENDED

CIRCUIT 3   CIRCUIT 2   CIRCUIT 1

FW   FW   FW

8'-0"

8'-0"

LEGEND

(FW)   Junction Box with power whip

Markerboard

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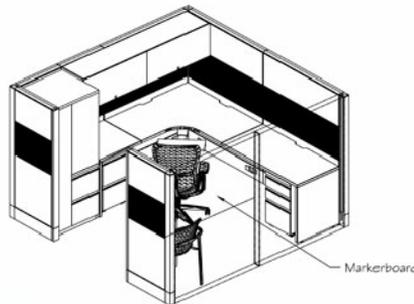
OSP-REC-S Secure Reception/Waiting Small	**OS**

Space Description
Dedicated scalable space for receiving visitors and controlling access to the tenant spaces for both staff and visitors.

Wall Construction
Walls:
S-F*	Non-Secure Full ht (Demising wall)	
S-F-3*	Secure Full ht w/ security mesh (Demising wall)	
S-F-4*	Secure Full ht w/ 1 layer UL752 LVL III BP	
S-F-5*	Secure Full ht w/ 1 layer UL752 LVL III BP and security mesh *OPR to confirm	

Adjacencies
- OSP-I/I Interview/Informant Room (If applicable)

Construction
Ceilings: Acoustic Batts above
Floors: NA
Walls: Acoustic Batts
STC Rating: NA

Interior Finishes
Floors: CPT Tile, Quarry Tile or Vinyl Composition Tile
Base: 4" Rubber/Vinyl cove
Walls: PTD Gyp Bd
Ceiling: ACT
Ceiling Height: 8'-6" Min.

Doors
Door Type/Material: *See Remarks
Door Size/Rating: 3'-0" X 7'-0" / *See Remarks
Frame Type/Material: *See Remarks
Hardware set: *See Remarks

Windows
Interior Frame Material: NA
Interior Frame Size: NA
Glazing: NA
Ext. Window Treatment: Blinds
*Blast film if reqd

Fixed Furnishings/Equipment
Casework: NA
Specialties: NA
Equipment: NA

Furniture
As indicated on floor plan
Furniture layout for design purposes only – refer to furniture vendor for final quantity and design.

Mechanical
HVAC: Part of multi-zoned HVAC system

Air Pressure: NA

Plumbing: NA

Electrical
Lighting: 30-50 foot-candles at 30" AFF

Power: Per plan in accordance with local/state/federal code, whichever is more stringent

Communications
Phone/Data Outlets:
Provide combination receptacles per plan

Security *
CCTV: Yes
Access Control: Yes
Duress System: OPR to confirm
IDS: Yes

Special Requirements:
Review for optional TV cable/satellite and backing for wall mounted display

*Security System keypad to be installed in this space

Remarks
- Walls:
  - S-F or S-F-3 – use at adjacent Non-ICE space
  - S-F-4 or S-F-5 – use at adjacent ICE space
- Door Types/Rating:
  - Wall types: S-F & S-F-3: A, B, E or G
  - Wall types: S-F-4 & S-F-5: A-LVL III
  - Front Door: (A, B, E or G)
- Door Frames:
  - Wall types: S-F & S-F-3: 1
  - Wall types: S-F-4 & S-F-5: 1 – LVL III
- Door Hardware:
  - To/From Entry: E1, E1.1 or E2
  - To/From ICE space: E6

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.
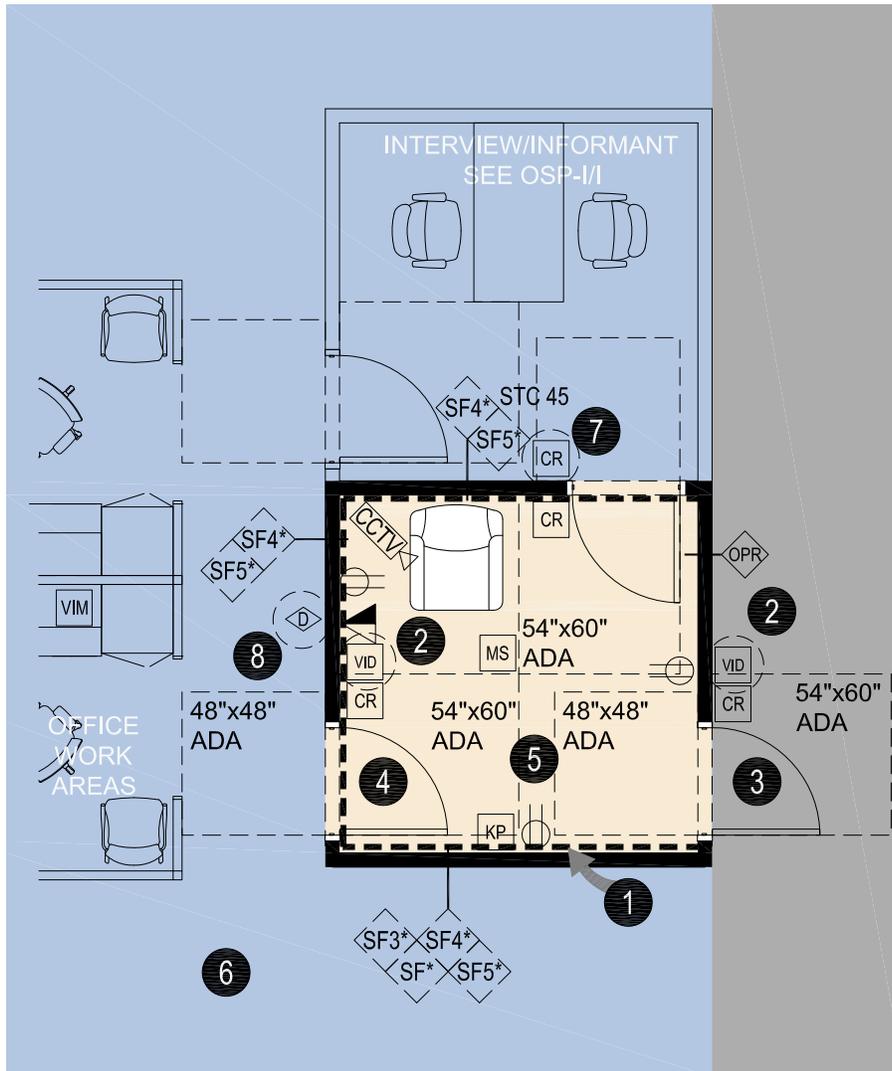
KEYED NOTES

① Ballistic rated secure perimeter dependent on adjacent space.

② Optional video intercom

③ Door Type & frame per OPR/PSU assessment (A, B, E or G); Door Hardware (E1, E1.1 or E2)

④ Door Type E - LVL III (including frame); Door Hardware E6

⑤ Threat side

⑥ Location of video intercom master per program

⑦ Optional card reader

⑧ Optional duress button (OPR to confirm)

WALL TYPES

SF   Full ht, Non-Secure wall

SF3   Full ht, Secure wall w/ security mesh

SF4   Full ht, Secure wall w/ LVL III ballistic panel

SF5   Full ht, Secure wall w/ security mesh and LVL III ballistic panel

SF* or SF3* - use at adjacent Non-ICE space
SF4* or SF5* - use at adjacent ICE space

LEGEND

VIM   Video Intercom Master

CR   Card Reader

VID   Video Intercom

MS   Motion Sensor (per OPR)

KP   Security System keypad

OSP-SC   Office Support Center
OS

Space Description
Scalable space utilized in administration spaces to accommodate network printers, copiers, fax machines and office supplies. This can include millwork (base and upper cabinets) or free standing furniture.

Wall Construction
Walls: NA   (Intent is to utilize open space and adjoining walls)

Adjacencies
- Admin areas

Construction
Ceilings:	Per adjacent construction
Floors:	Per adjacent construction
Walls:	Per adjacent construction
STC Rating:	NA

Interior Finishes
Floors:	CPT Tile or Vinyl Composition Tile (VCT)
Base:	4" Rubber/Vinyl cove
Walls:	PTD Gyp Bd
Ceiling:	ACT
Ceiling Height:	8'-6" Min.

Doors
Door Type/Material:	NA
Door Size/Rating:	NA
Frame Type/Material:	NA
Hardware set:	NA

Windows
Interior Frame Material:	NA
Interior Frame Size:	NA
Glazing:	NA
Ext. Window Treatment:	NA

Fixed Furnishings/Equipment
Casework:	As designed
Specialties:	NA
Equipment:	NA

Furniture
Base cabinets, countertop, upper cabinets with option to use file cabinets and storage units as work surfaces. Layout for design purposes only.

Mechanical
HVAC:	Part of multi-zoned HVAC system
Air Pressure:	NA
Plumbing:	NA

Electrical
Lighting:	30-50 foot-candles at 30" AFF, controlled by occupancy sensors.
Power:	Per plan in accordance with local/state/federal code, whichever is more stringent

Communications
Phone/Data Outlets:
Provide combination receptacles per plan

Security *
CCTV:	NA
Access Control:	NA
Duress System:	NA
IDS:	OPR to confirm

Special Requirements: NA
Verify if large format plotter requirements apply

Remarks
- Office Support Centers (OSC) should be dispersed throughout ICE ADMIN space in lieu of one central location if project dictates multiple OSC's.
- Utilize adjacent walls and open space for OSC.
- Bottom of upper cabinets should be at 24"+ above lower cabinet countertop to allow for printers/fax machines.
- Confirm power requirements for copier.

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

OSP-SC   Office Support Center

0 ▭▭▭▭ 5'

OS
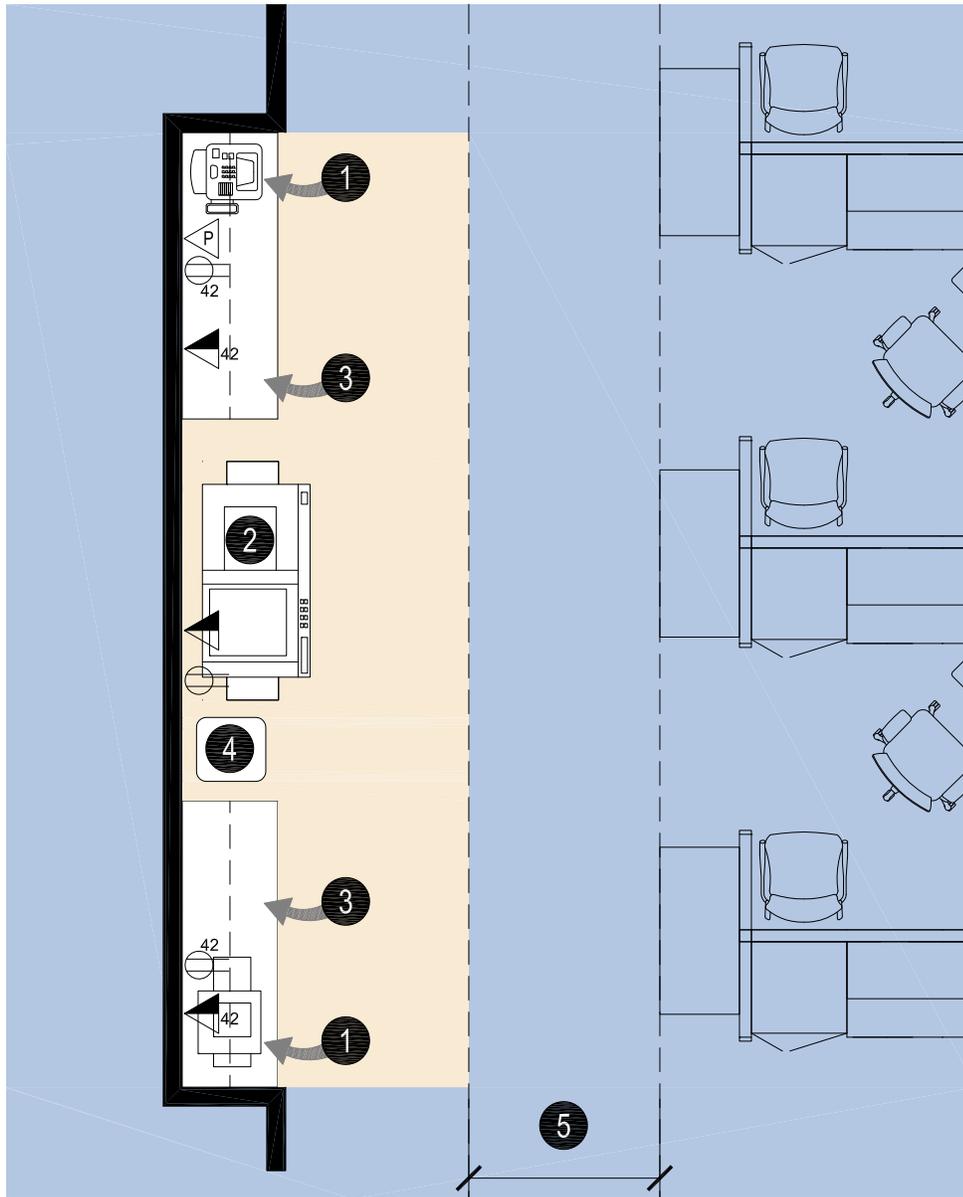
KEYED NOTES

1. Optional equipment that are project specific (Fax, copier, etc) - confirm with program

2. Large copy/print/scan unit or large scale plotter - confirm with program. Confirm electrical requirements.

3. Base and upper cabinets. Optional use of cabinets and storage units as work surfaces. Allow at least 24" clearance between countertop and upper cabinets for large printers, etc.

4. Optional trash can or recycling bin

5. Clear access aisle dependent on applicable codes

PLAN

ELEVATION

3'-6"
2'-0"
2'-10"

3 Optional base and upper cabinets

Optional lateral file or storage unit w/ worksurface 3

2'-6"

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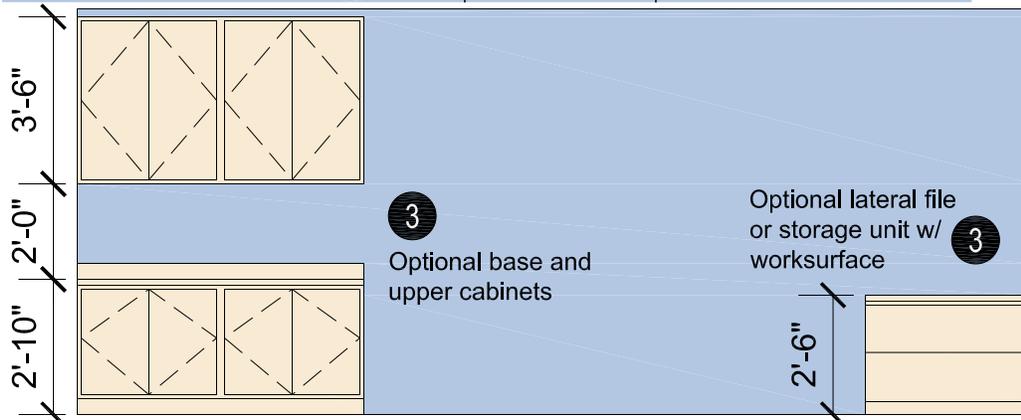
OSP-I/I Interview/Informant Room	**MS**

Space Description
Scalable space intended to be used to conduct interviews of informants. This may include free-standing furniture.

Wall Construction
Walls:

S-P	Slab to above ceiling partition
S-F-4*	Secure Full ht w/ 1 layer UL752 LVL III BP
S-F-5*	Secure Full ht w/ 1 layer UL752 LVL III BP and security mesh *OPR to confirm

Construction
Ceilings: Acoustic Batts above
Floors: NA
Walls: Acoustic Batts
STC Rating: 45

Doors
Door Type/Material: *See Remarks
Door Size/Rating: 3'-0" X 7'-0" / *See Remarks
Frame Type/Material: *See Remarks
Hardware set: E6
Electronic

Fixed Furnishings/Equipment
Casework: NA
Specialties: NA
Equipment: Optional handcuff bar

Mechanical
HVAC: Part of multi-zoned HVAC system
Thermostat to be located on secure side

Air Pressure: NA

Plumbing: NA

Communications
Phone/Data Outlets:
Provide combination receptacles per plan

Special Requirements: NA

Adjacencies
- Public areas (if applicable)
- OSP-REC-X Secure Reception/Waiting (if applicable)
- DET-OBSV Detainee Observation Room (if applicable)

Interior Finishes
Floors: CPT Tile or Vinyl Composition Tile (VCT)
Base: 4" Rubber/Vinyl cove
Walls: PTD Gyp Bd
Ceiling: ACT
Ceiling Height: 8'-6" Min.

Windows
Interior Frame Material: HM
Interior Frame Size: 36" X 48"
Glazing: One-way, Type 5
Ext. Window Treatment: Not allowed

Furniture
As indicated on floor plan.
Furniture layout for design purposes only – refer to furniture vendor for final quantity and design.
Optional bolt down stool/bench w/ handcuff rings

Electrical
Lighting: 30-50 foot-candles at 30" AFF.
Switch to be located outside of space on secure side
*See Remarks for In-Use light
Power: Per plan in accordance with local/state/federal code, whichever is more stringent

Security *
CCTV: Yes – no audio
Access Control: Yes*
Duress System: Yes – mount under table
IDS: Per OPR

*Include REX on secure side and include keypad inside space to control access to secure door

Remarks
- No exterior windows.
- If only one door is used, place informant farthest from the door.
- Walls: S-F-4 or S-F-5 – Use at adjacent public space
- Door Types:
  - Wall types: S-P: A / SCWD
  - Wall types: S-F-4 & S-F-5: A / SCWD – LVL III
- Door Size/Rating: All doors to be STC 45 rated

- Door Frame Type/Material:
  - Wall types: S-P: 1 / HM (STC 45)
  - Wall types: S-F-4 & S-F-5: 1 / HM – LVL III (STC 45)
- Interview A/V system to include microphone and webcam or separate CCTV system (this is not to be connected to the ICE network)
- In-Use light (ceiling or wall mounted) to be located outside of space with the switch to be located outside of space on the secure side.

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

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OSP-I/I Interview/Informant Room

0 ▬▬▬ 5'

MS

OBSERVATION
SEE DET-OBSV

STC45
SP
1

STC45
SP

CCTV
9

11

3

REX

2

IN USE

D

PP

CR

D

10

8

OPR

STC45

48"x48" ADA

54"x60" ADA

48"x48" ADA

OFFICE
WORK
AREAS

SF4* STC45
SF5*
4

12

CR

6

PUBLIC

CR

5

7

54"x60" ADA
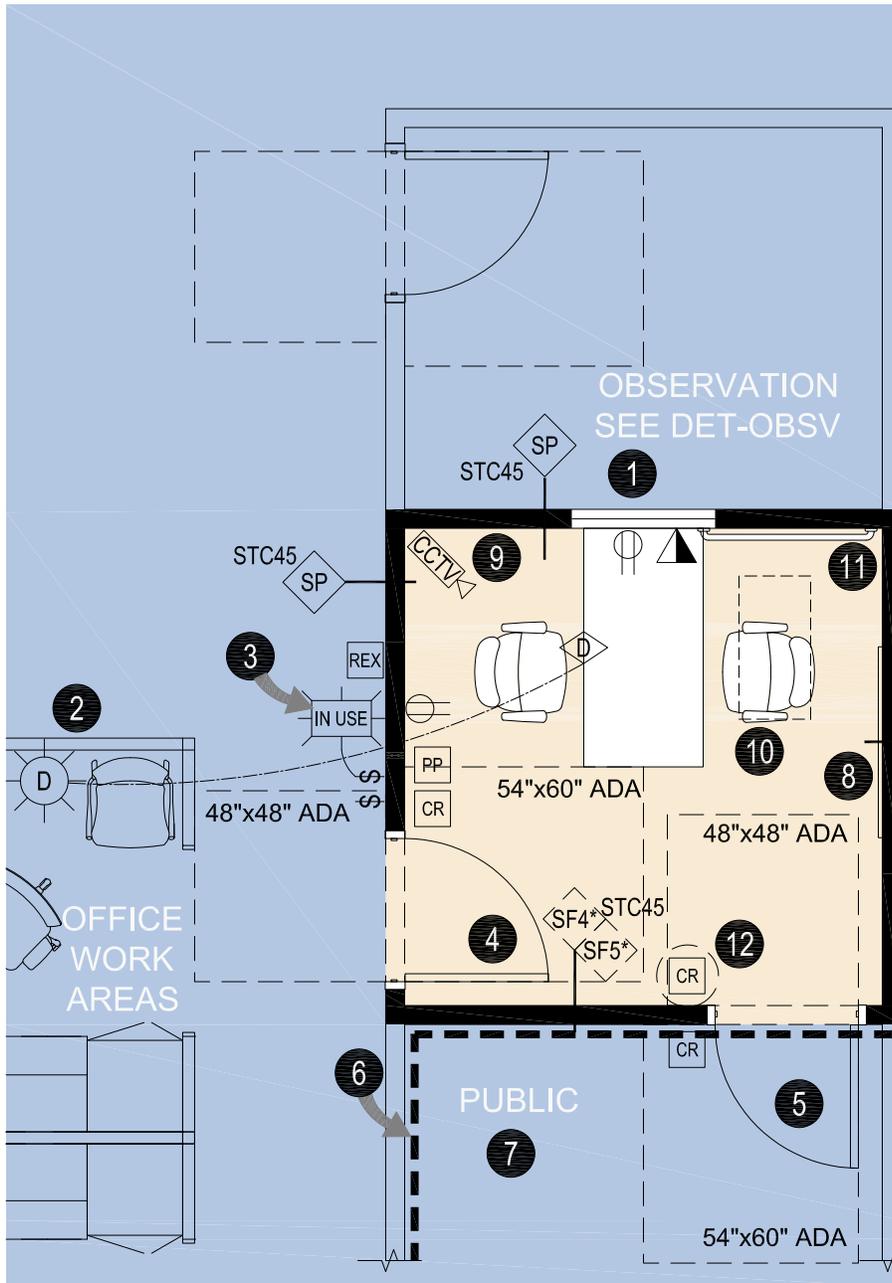
KEYED NOTES

1. Observation window if Observation room is adjacent. Window to be one way, Type 5 safety glass and use blinds or a curtain.
2. Duress alarm button to connect to duress alarm lights located throughout designated ICE space per OPR.
3. In-Use light (ceiling or wall mounted) to be located outside of space on the secure side.
4. Type A door (STC 45 assembly)
5. Type A door - LVL III (STC 45 assembly) (if applicable)
6. Ballistic rated secure perimeter dependent on adjacent space.
7. Threat side (if applicable)
8. White board
9. CCTV camera(s) to be towards interviewee and provide 100% coverage per security SOW.
10. Optional bolt-down bench w/ handcuff rings
11. Optional handcuff bar
12. Optional card reader

WALL TYPES

SP Slab to above ceiling partition

SF4 Full ht, Secure wall w/ LVL III ballistic panel

SF5 Full ht, Secure wall w/ security mesh and LVL III ballistic panel

SF4* or SF5* - use at adjacent public space inside ICE space (OPR to confirm)

LEGEND

CR Card Reader

PP PIN Pad for door control

REX Request to Exit button

D Duress Button

D Duress Light (Ceiling/Wall)

OSP-GJF Grand Jury File Room   MS

Space Description
Scalable space intended for the storage of active Grand Jury files.

Wall Construction
Walls: S-P Slab to above ceiling partition

Adjacencies
- OSP-GJC Grand Jury Conference Room
  (if applicable)

Construction
Ceilings:	NA
Floors:	NA
Walls:	NA
STC Rating:	NA

Interior Finishes
Floors:	CPT Tile or Vinyl Composition Tile (VCT)
Base:	4" Rubber/Vinyl cove
Walls:	PTD Gyp Bd
Ceiling:	ACT
Ceiling Height:	8'-6" Min.

Doors
Door Type/Material:	A / SCWD
Door Size/Rating:	3'-0" X 7'-0" / NA
Frame Type/Material:	1 / HM
Hardware set:	04/F07 or E6
	Std Storage or Electronic

Windows
Interior Frame Material:	NA
Interior Frame Size:	NA
Glazing:	NA
Ext. Window Treatment:	NA

Fixed Furnishings/Equipment
Casework:	NA
Specialties:	NA
Equipment:	NA

Furniture
As indicated on floor plan.
Furniture layout for design purposes only – refer to furniture vendor for final quantity and design.

Mechanical
HVAC: Part of multi-zoned HVAC system

Air Pressure: NA

Plumbing: NA

Electrical
Lighting: 30-50 foot-candles at 30" AFF, controlled by occupancy sensors.

Power: Per plan in accordance with local/state/federal code, whichever is more stringent

Communications
Phone/Data Outlets:
Provide combination receptacles per plan

Security *
CCTV:	NA
Access Control:	Optional
Duress System:	NA
IDS:	NA

Special Requirements: NA

Remarks
- No exterior windows.
- Scalable file system dependent on file volume (coordinate with furniture vendor)
- Consider floor loading/limitations if using high density filing system.

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

U.S. Immigration and Customs Enforcement

32" MIN.

1
3

64" MIN.

54"x60" ADA

CR

2

48"x48" ADA
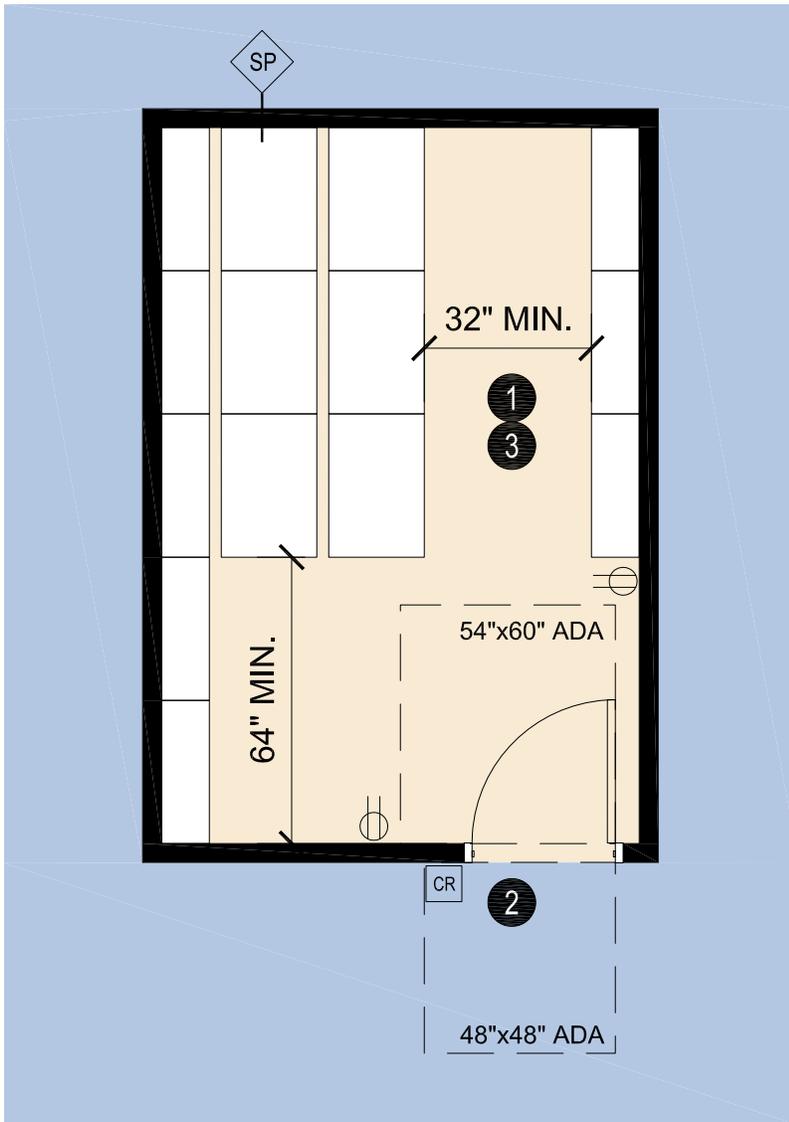
KEYED NOTES

1 Scalable filing system dependent on file volume (verify design with furniture vendor)

2 Access control optional

3 Consider floor loading/limitations if using high density filing system

WALL TYPES

SP Slab to above ceiling partition

HI-DENSITY NOTES

-Material Capacity shown: 8 storage levels
-357 shelf feet (equivalent volume of 25.6 five drawer lateral files)
-Rail system can be surface or recessed. Surface mount will require ADA compliant ramp.
-System shown, installed cost per GSA contract: approx. $14,600 (March 2014)

HI-DENSITY WEIGHT

Total media weight: 9,639.0 lbs
Total equip. weight;   3,203.5 lbs
Total aisle weight: 802.9lbs
Total System weight: 13,645.4 lbs
Total weight load per SF: 111.9 lbs/ft2
Max Deflection allowed: L/700

LEGEND

CR Card Reader

**U.S. Immigration
and Customs
Enforcement**

OSP-BR-08 Break Room (1-8)	OS

Space Description
Scalable space for 1 to 8 ICE employees to prepare and eat meals. Area should include space for vending machines (if applicable) and can include millwork (base and upper cabinets).

Wall Construction
Walls: S-P   Slab to above ceiling partition

Adjacencies

Construction
Ceilings:	Acoustic Batts above
Floors:	NA
Walls:	Acoustic Batts
STC Rating:	NA

Interior Finishes
Floors:	Vinyl Composition Tile (VCT)
Base:	4" Rubber/Vinyl cove
Walls:	PTD Gyp Bd
Ceiling:	ACT
Ceiling Height:	8'-6" Min.

Doors
Door Type/Material:	*See Remarks
Door Size/Rating:	3'-0" X 7'-0" / NA
Frame Type/Material:	1 / HM
Hardware set:	05 / F05
	Break Room

Windows
Interior Frame Material:	NA
Interior Frame Size:	NA
Glazing:	NA
Ext. Window Treatment:	Blinds
	*Blast film if reqd

Fixed Furnishings/Equipment
Casework:	*See Remarks
Specialties:	Vending Machines – coordinate elec.
Equipment:	Double basin SS sink

Furniture
As indicated on floor plan.
Furniture layout for design purposes only – refer to furniture vendor for final quantity and design.

Mechanical
HVAC:	Part of multi-zoned HVAC system
Air Pressure:	NA
Plumbing:	H/C water & drain for sink
	Water line for refrigerator (Optional)

Electrical
Lighting:	15-30 foot-candles at 30" AFF, controlled by occupancy sensors.
Power:	Per plan in accordance with local/state/federal code, whichever is more stringent

Communications
Phone/Data Outlets:
Provide combination receptacles per plan

Security *
CCTV:	NA
Access Control:	NA
Duress System:	NA
IDS:	OPR to confirm

Special Requirements:
Review for optional TV cable/satellite and backing for wall mounted display.

Remarks
- All appliances per program office – coordinate size and electrical requirements (refrigerator, coffee maker and microwave, etc.)
- Design criteria: 25% of total FTE
- Vending machines only applicable if not available elsewhere in building.

- Door Type:
  o A / SCWD or C / Flush WD w/ vision panel
- Casework:
 o Plastic laminate cabinet (base & upper) with solid surface or plastic laminate countertop

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

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OSP-BR-08 Break Room (1-8)   0   5'   **OS**
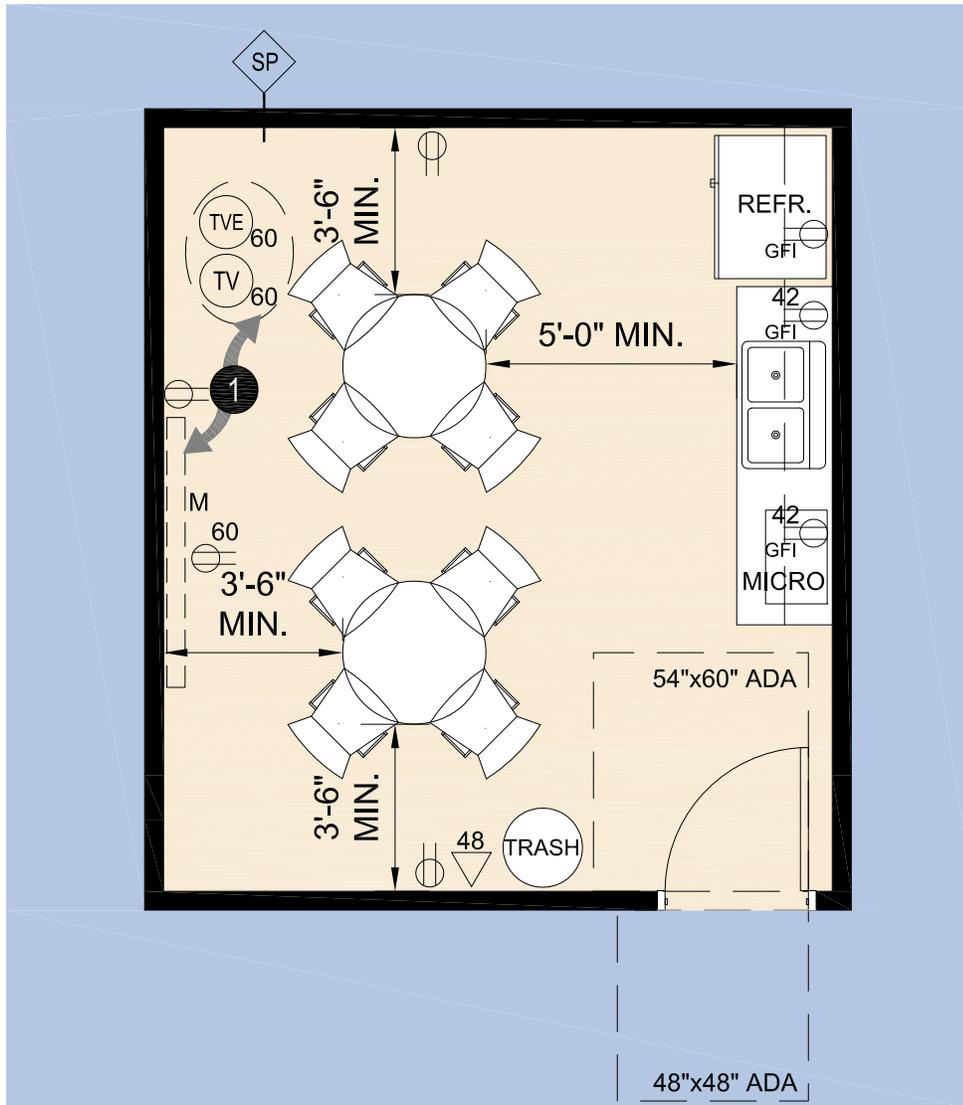
KEYED NOTES

1 Optional items that are project specific - confirm with program

WALL TYPES

SP Slab to above ceiling partition

Floor plan labels

SP

TVE 60
TV 60
1
M 60
3'-6" MIN.
5'-0" MIN.
3'-6" MIN.
3'-6" MIN.
REFR. GFI
42 GFI
42 GFI
MICRO
48 TRASH
54"x60" ADA
48"x48" ADA

LEGEND

M TV / VTC Monitor mounted at 65" AFF to centerline

TVE TV Cable Equipment

TV TV Cable Outlet

OSP-FR   File Room, Administration   OS

Space Description
Scalable space intended to retain administrative paperwork, such as records, invoices, personnel files, personnel evaluations, etc.

Wall Construction
Walls: S-P   Slab to above ceiling partition

Adjacencies

Construction
Ceilings:	NA
Floors:	NA
Walls:	NA
STC Rating:	NA

Interior Finishes
Floors:	CPT Tile or Vinyl Composition Tile (VCT)
Base:	4" Rubber/Vinyl cove
Walls:	PTD Gyp Bd
Ceiling:	ACT
Ceiling Height:	8'-6" Min.

Doors
Door Type/Material:	A / SCWD
Door Size/Rating:	3'-0" x 7'-0" / NA
Frame Type/Material:	1 / HM
Hardware set:	04 / F07
	Std. Storage / Storeroom function

Windows
Interior Frame Material:	NA
Interior Frame Size:	NA
Glazing:	NA
Ext. Window Treatment:	Blinds
	*Blast film if reqd

Fixed Furnishings/Equipment
Casework:	NA
Specialties:	NA
Equipment:	High-Density file system (if applicable)

Furniture
As indicated on floor plan
Furniture layout for design purposes only – refer to furniture vendor for final quantity and design.

Mechanical
HVAC: Part of multi-zoned HVAC system

Air Pressure: NA

Plumbing: NA

Electrical
Lighting: 30-50 foot-candles at 30" AFF, controlled by occupancy sensors.

Power: Per plan in accordance with local/state/federal code, whichever is more stringent

Communications
Phone/Data Outlets:
Provide combination receptacles per plan

Special Requirements: NA

Security *
CCTV:	NA
Access Control:	NA
Duress System:	NA
IDS:	OPR to confirm

Remarks
- Scalable file system dependent on file volume (coordinate with furniture vendor)
- Consider floor loading/limitations if using high-density filing system for above grade floors.

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

OSP-FR File Room, Administration
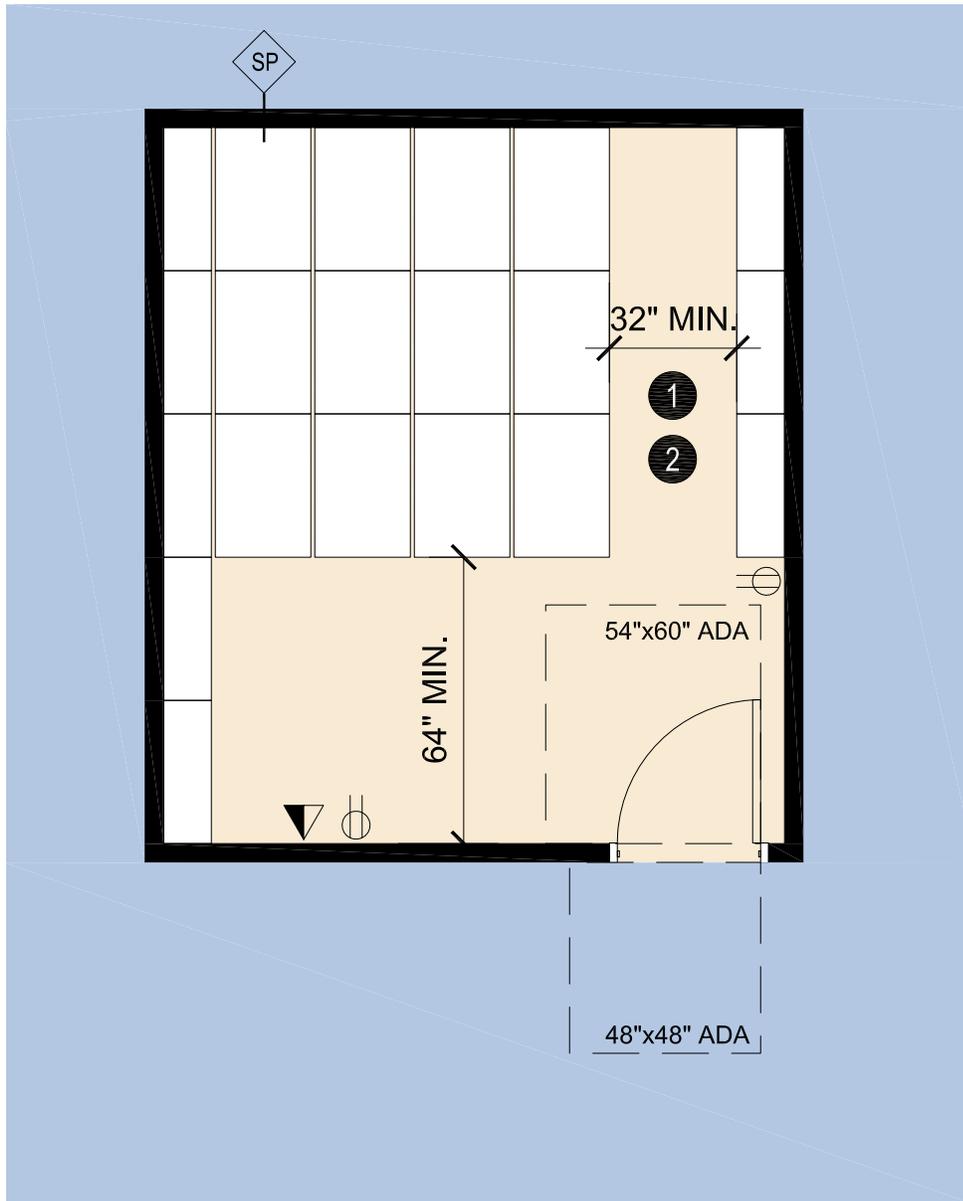
0 — 5'

OS

KEYED NOTES

1 Scalable filing system dependent on file volume (verify design with furniture vendor)

2 Consider floor loading/limitations if using high-density filing system

WALL TYPES

SP Slab to above ceiling partition

Plan shown with optional high-density file system

32" MIN.

64" MIN.

54"x60" ADA

48"x48" ADA

U.S. Immigration and Customs Enforcement

C/T-18 Conference/Training (13-18)	OS

Space Description
Scalable Conference and/or Training room suited for 13 to 18 people.

Wall Construction
Walls: S-F   Non-Secure Full ht

Adjacencies
- Option to be located adjacent to senior management office and include adjoining door.

Construction
Ceilings: Acoustic Batts above
Floors: NA
Walls: Acoustic Batts
STC Rating: NA

Interior Finishes
Floors: CPT Tile
Base: 4" Rubber/Vinyl cove
Walls: PTD Gyp Bd
Ceiling: ACT
Ceiling Height: 8'-6" Min.

Doors
Door Type/Material: C / Flush WD w/ vision panel
Door Size/Rating: 3'-0" x 7'-0" / NA
Frame Type/Material: 1 / HM
Hardware set: 02 / F04
                           Std Conf. / Office function

Windows
Interior Frame Material: NA
Interior Frame Size: NA
Glazing: NA
Ext. Window Treatment: Blinds
                                *Blast film if reqd

Fixed Furnishings/Equipment
Casework: NA
Specialties: White marker board (optional)
Equipment: NA

Furniture
As indicated on floor plan - *See Remarks
Furniture layout for design purposes only – refer to furniture vendor for final quantity and design.

Mechanical
HVAC: Part of multi-zoned HVAC system

Air Pressure: NA

Plumbing: NA

Electrical
Lighting: 30-50 foot-candles at 30" AFF, controlled by occupancy sensors. Dimmable controls / Downlighting / multi-level lighting acceptable.
Power: Per plan in accordance with local/state/federal code, whichever is more stringent

Communications
Phone/Data Outlets:
Provide combination receptacles per plan
*Coordinate final floor location @ table w/ Furniture Vendor. If necessary, mount cable to underside of table top.
Special Requirements:
Review for optional TV cable/satellite and backing for wall mounted display

Security *
CCTV: NA
Access Control: NA
Duress System: NA
IDS: OPR to confirm

Remarks
- Review for Optional components:
  - VTC
  - Operable ceiling mounted projection screen
  - A/V capabilities
- Furniture
  - Provide table top A/V box to include data and power.
  - If possible, run A/V cabling under-slab from furniture to TV and A/V equipment

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

C/T-18   Conference/Training (13 - 18)

0 ——— 5'

OS
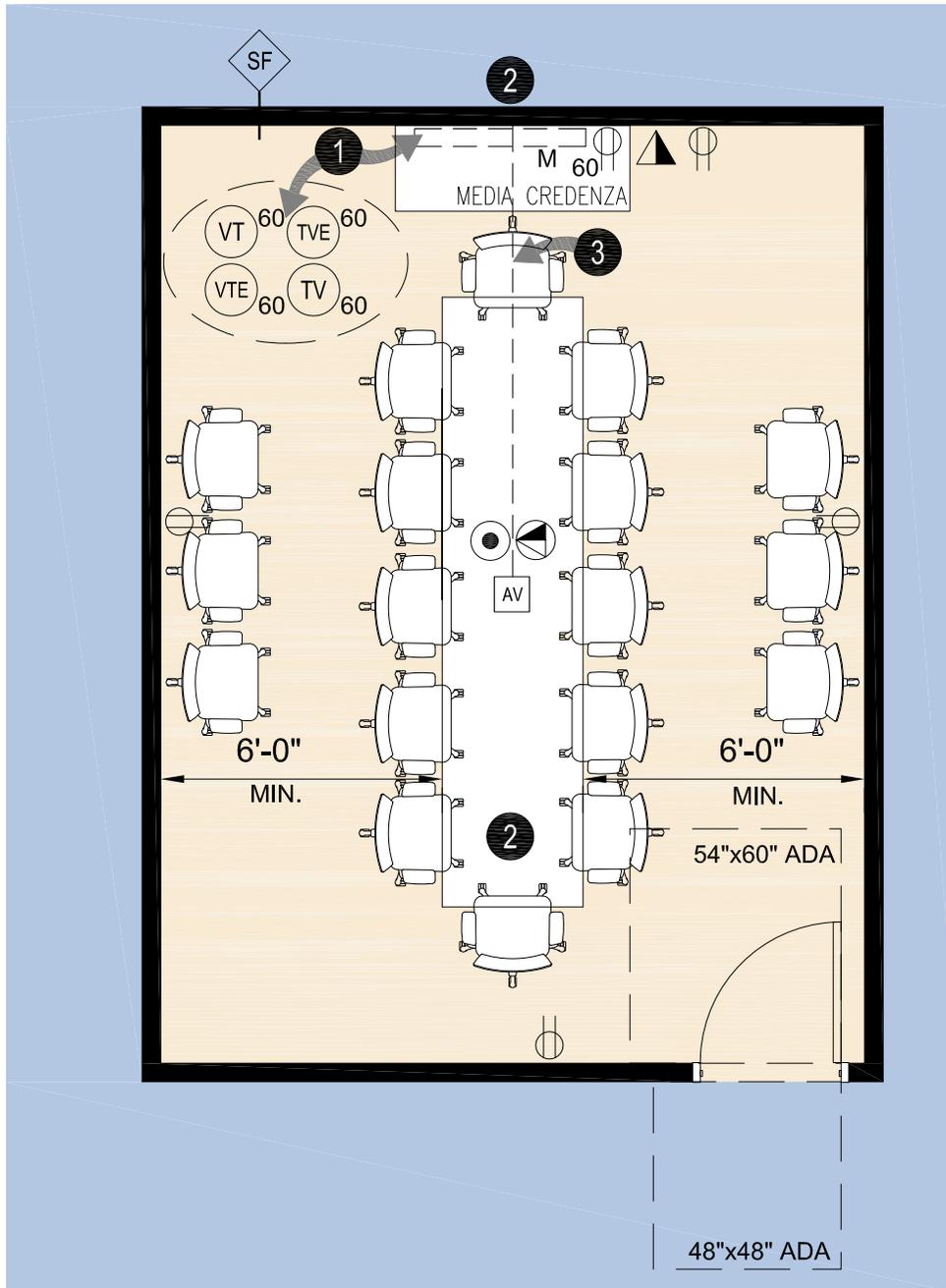
KEYED NOTES

1. Optional items that are project specific - confirm with program
2. If applicable, provide data and power in ceiling for optional projector and at the projection wall for the screen.
3. Underslab A/V track from TV mount to VTC equipment to floor outlets for SVGA/HDMI, cable connectivity to AV table top box.

WALL TYPES

SF Non-Secure Full ht

LEGEND

M	TV / VTC Monitor mounted at 65" AFF to centerline
TVE	TV Cable Equipment
TV	TV Cable Outlet
AV	Audio Visual/Power/Data outlet - Table top
VTE	VTC Equipment
VT	VTC Outlet
●	Power - floor outlet
◕	Data - floor outlet

**U.S. Immigration
and Customs
Enforcement**

COM-ITC-MDF IT/Telecom Closet (MDF)	OS
Area: 130 to 180 Square Feet	

Space Description
Scalable space intended to house IT cabinets, phone racks and security equipment.
Up to 48 drops: 130 Square Feet
49 to 96 drops: 155 Square Feet
97 to 192 drops: 180 Square Feet

Wall Construction
Walls: S-F   Non-Secure Full ht
      *See Remarks

Adjacencies
- Centrally located within ICE space to eliminate need for remote wiring closets (RWC) (328' max)
- No exterior or demising walls
- MDF/RWC should be stacked in multi-story offices
- Not adjacent to water sources.

Construction
Ceilings: Acoustic Batts above
Floors: NA
Walls: Acoustic Batts
STC Rating: NA

Interior Finishes
Floors: ESD Vinyl flooring (grounded)
Base: 4" Rubber/Vinyl cove
Walls: PTD Gyp Bd
Ceiling: ACT
Ceiling Height: 8'-6" Min.

Doors
Door Type/Material: A / SCWD
Door Size/Rating: 3'-0" x 7'-0" / NA
Frame Type/Material: 1 / HM
Hardware set: E6
      Electronic

Windows
Interior Frame Material: NA
Interior Frame Size: NA
Glazing: NA
Ext. Window Treatment: No windows allowed

Fixed Furnishings/Equipment
Casework: NA
Specialties: NA
Equipment: NA

Furniture
NA

Mechanical
HVAC: Separate zone HVAC system, 24/7 cooling
      *See Remarks

Air Pressure: Positive

Plumbing: NA

Electrical
Lighting: 80 foot-candles at 60" AFF, controlled by occupancy sensors.
      *Refer to plan for preferred placement.
Power: Per plan in accordance with local/state/federal code, whichever is more stringent
      *See Remarks

Communications
Phone/Data Outlets:
Provide combination receptacles per plan

Special Requirements: NA

Security *
CCTV: NA
Access Control: Yes
Duress System: NA
IDS: *See Remarks

The main security system/equipment (if present) to be housed in this space.

Remarks
- No windows allowed
- Reference current ICE Cabling Standards and MDF+WC Guidelines
- Walls:
  - Provide 8'-0" FRT painted plywood on all walls indicated on plan. Install 48" AFF horizontally.
  - Leave one FRT manufacturer stamp unpainted on each plywood piece.

- HVAC:
  - Wall mounted unit or floor unit optional
  - BTU cooling: Refer to ICE Cabling Standards (60-72° F)
- Power: Space to be on emergency generator (if applicable)
- IDS:
  - Separate alarm zone with keypad inside MDF if building security system equipment is housed there.

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

COM-ITC-MDF   IT/Telecom Closet (MDF)
Area: 130 to 180 Square Feet

0   5'

OS
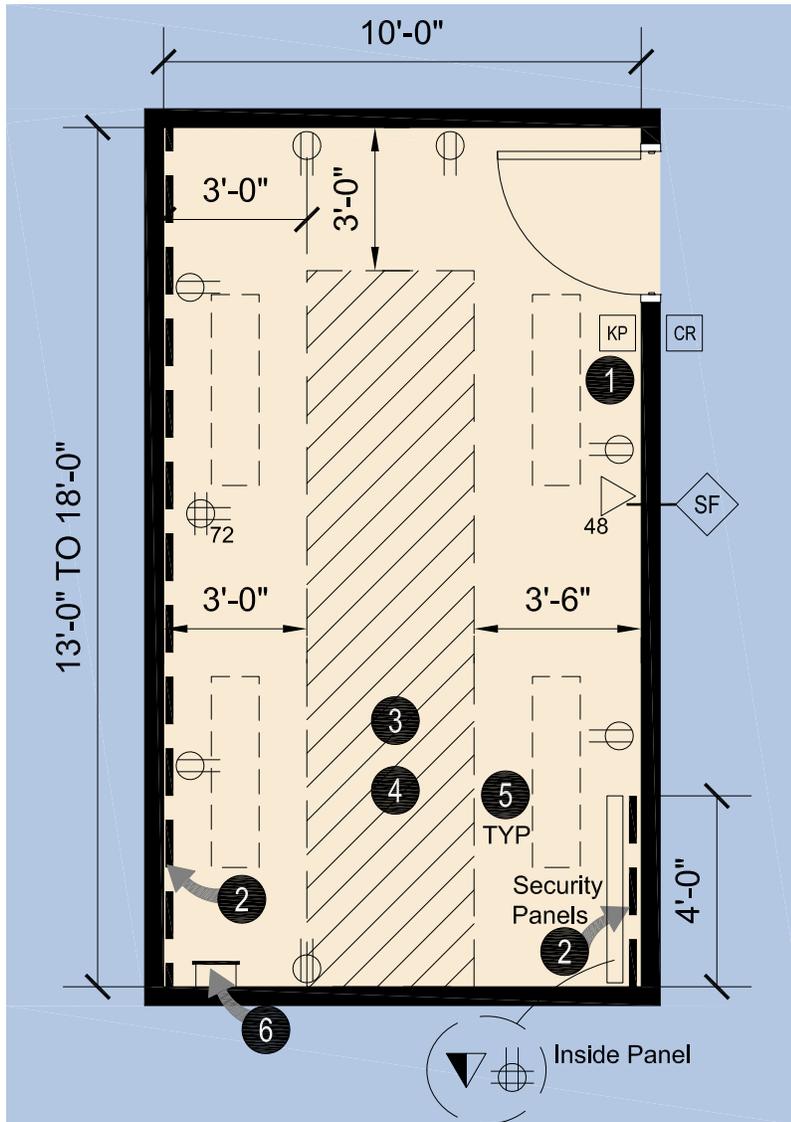
KEYED NOTES

1. Security keypad required if building security system equipment is housed in space.

2. 3/4" Fire Retardant Plywood

3. Clear floor space for cabinets and cable racks. Refer to specs for details.

4. Refer to specs for electrical requirements in this area.

5. Place light fixtures to meet lighting requirement. Do not place lights over cabinets/racks

6. Bus bar to building ground

WALL TYPES

SF Non-Secure full ht

LEGEND

CR Card Reader

KP Security System keypad

DESIGN CRITERIA

130 Square Feet - up to 48 drops
155 Square Feet - 49 to 96 drops
180 Square Feet - 97 to 192 drops

![U.S. Immigration and Customs Enforcement logo]

COM-HSDN-C Homeland Security Data Network (Closed)	MS

Space Description
Scalable space intended for HSDN IT equipment and 4 or less workstations built to strong room standards (Closed requirements). SVTC Conference room is optional.

Wall Construction
Walls:	S-P	Slab to above ceiling partition
	S-F*	Non-Secure Full ht
		*Optional but not required
		No requirement for wire mesh

Adjacencies
- COM-ITC-MDF IT/Telecom Closets MDF (Preferred)
- COM-PRR Pen Register Room (If applicable)
- No exterior or demising walls
- Not adjacent to water sources and avoid adjacency to public areas, hallways or break areas.
- SVTC Conference Room (Optional)

Construction
Ceilings:	Acoustic Batts above per STC
Floors:	Per STC requirements
Walls:	Acoustic Batts per STC
STC Rating:	45 (Sound Group 3) TYP
(Field tested)	50 (Sound Group 4) @ SVTC*

Interior Finishes
Floors:	CPT Tile and/or ESD Vinyl flooring per STC
Base:	4" Rubber/Vinyl cove
Walls:	PTD Gyp Bd
Ceiling:	Gyp Bd above ACT (Hard lid w/ false clg)
Ceiling Height:	8'-6" Min.

Doors
Door Type/Material:	A / SCWD or E/ MTL *See Remarks
Door Size/Rating:	3'-0" x 7'-0" / STC Rated
Frame Type/Material:	1 / HM (STC Rated to match)
Hardware set:	Grade 1 – Keylock or E6 Locking device or Electronic

Windows
Interior Frame Material:	NA
Interior Frame Size:	NA
Glazing:	NA
Ext. Window Treatment:	No windows (Preferred)

Fixed Furnishings/Equipment
Casework:	NA
Specialties:	NA
Equipment:	NSA Approved Shredder (20" x 20")* GSA Class 5 or 6 safe (20" x 28")*

Furniture
As indicated on floor plan
Furniture layout for design purposes only – refer to furniture vendor for final quantity and design.

Mechanical
HVAC:	Part of multi-zoned HVAC system, 24/7 cooling (Optional separate zone system) *See Remarks
Air Pressure:	NA
Plumbing:	Avoid any plumbing above or an adjacent space

Electrical
Lighting:	30-50 foot-candles at 30" AFF, controlled by occupancy sensors. Dimmable controls / Downlighting / multi-level lighting acceptable.
Power:	Per plan in accordance with local/state/federal code, whichever is more stringent. *See Remarks

Communications
Phone/Data Outlets:
Provide combination receptacles per plan
Dedicated POTS line to connect to CDI modem
Ethernet connection to OneNet WAN and TELCO wireline for 1 PSTN circuit
Special Requirements: *See Remarks

Security *
CCTV:	NA
Access Control:	If Hardware Set E6 is used
Duress System:	NA
IDS:	NA

Remarks
- References:
  - DHS instruction 121-01-011
- STC Rating
  - Sound Group 3 (STC 45+): Perimeter walls, doors, etc.
  - Sound Group 4 (STC 50+): SVTC Conference room walls, doors, etc. (If applicable)
  - Testing must be performed at the completion of construction to ensure that the required STC rating has been met.
- Doors
  - One primary entrance
    - Automatic, non-hold open door closer, Grade 1 standards
  - Door and frame to be one rated assembly

- Equipment:
  - Shredder and safe to be provided by field office.
- HVAC
  - HSDN Rack BTU production: 1,800
  - Workstation CPU BTU production: 2,700
- Communications/Special Requirements:
  - STE
  - HSDN Rack 12.75" W x 30" D x 28" H
  - Optional VOSIP (will require 1 HSDN Network drop)
- Power
  - HSDN rack: (1) 15 amp dedicated circuit in NEMA 5-15R outlet (Required)
  - HSDN workstations/printers: (2) 15 amp non-dedicated circuit in NEMA 5-15R outlets (Recommended)

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

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COM-HSDN-C Homeland Security Data Network (HSDN) Closed
Option A: Single HSDN station with optional SVTC Conference Room
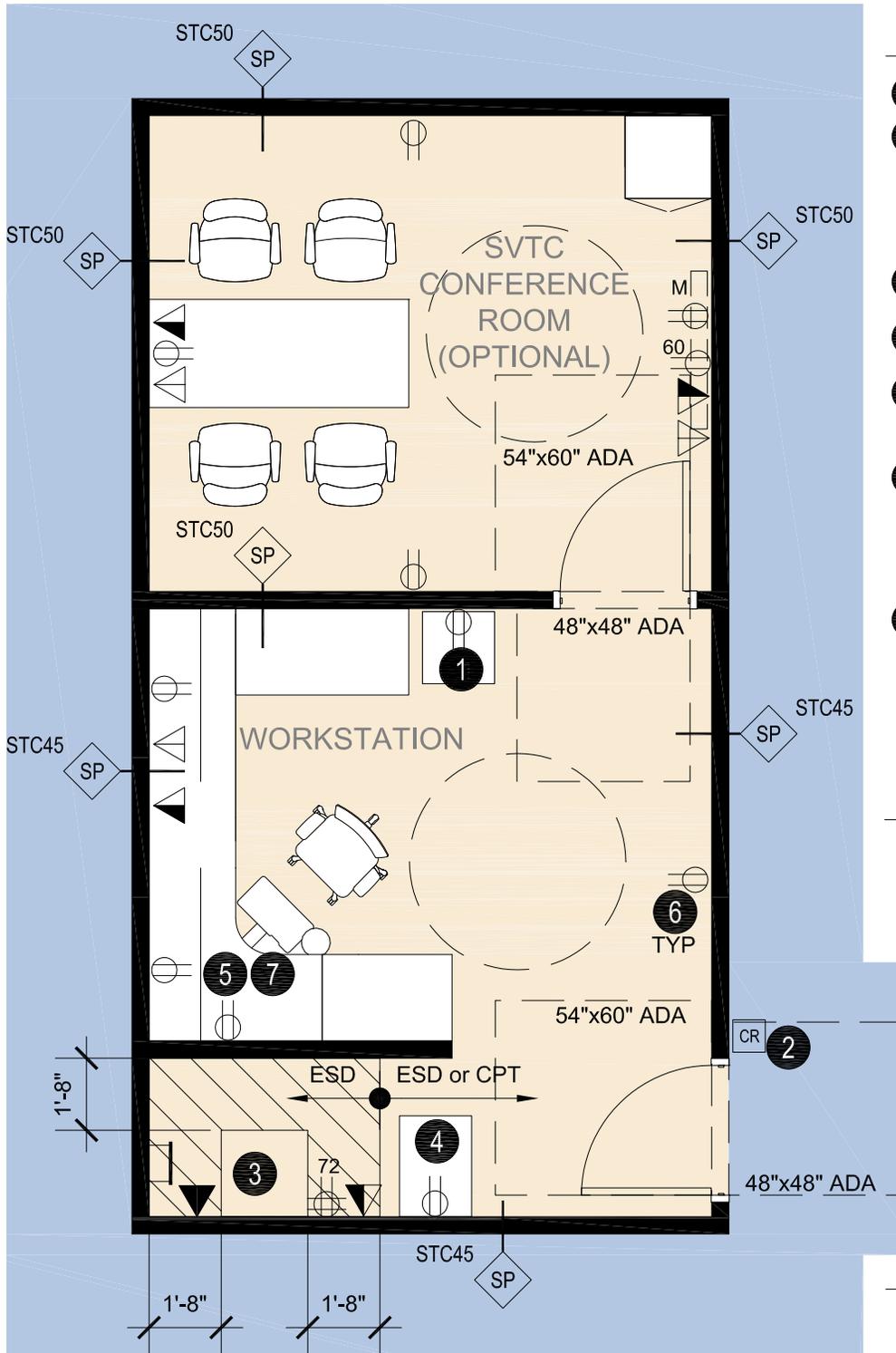
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MS

STC50
SP

STC50
SP

STC50
SP

SVTC
CONFERENCE
ROOM
(OPTIONAL)

M

60

54"x60" ADA

48"x48" ADA

STC50
SP

STC45
SP

1

WORKSTATION

STC45
SP

6
TYP

5 7

54"x60" ADA

CR 2

1'-8"

ESD   ESD or CPT

4

3   72

48"x48" ADA

1'-8"   1'-8"

STC45
SP

KEYED NOTES

1 GSA Level 5 or 6 Safe

2 Access Control System shall employ two technologies:
-Key lock w/ leverset
-Card Reader
-Cipher Lock

3 HSDN Server Rack with clear floor space

4 NSA approved Shredder

5 Monitor, HSDN Thick Client, HSDN Thin Client, Printer, Scanner and STE

6 All power and signal distribution on the interior of the perimeter wall shall be surface mounted, contained using furring strips on existing walls.

7 Optional Secure Voice over IP (VOSIP)

WALL TYPES

SP Slab to above ceiling partition

LEGEND

CR Card Reader

◁ Data only (2 drops)

◀ Voice only (2 drops)

M TV / VTC Monitor mounted at 65" AFF to centerline

COM-HSDN-C Homeland Security Data Network (HSDN) Closed
Option B: Single HSDN station with optional desktop SVTC
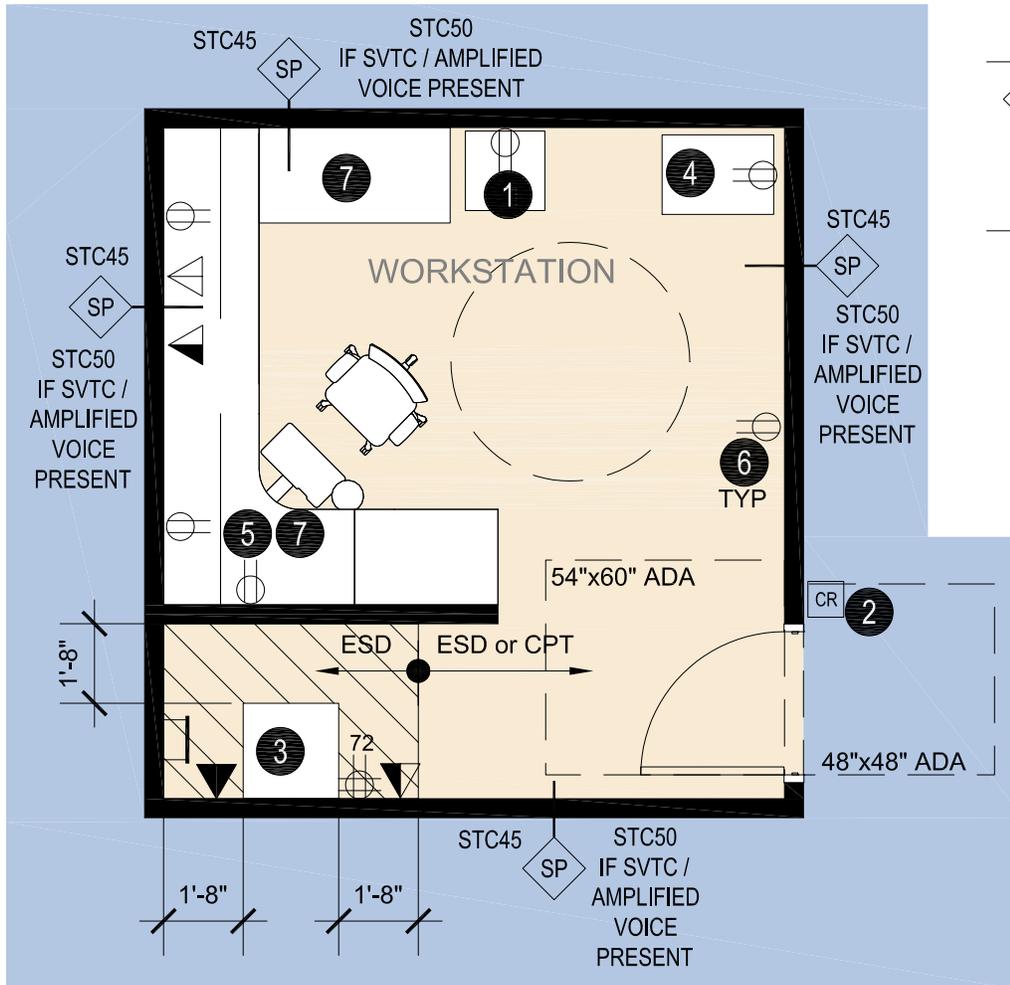
0 ——— 5'

MS

STC45

STC50
IF SVTC / AMPLIFIED
VOICE PRESENT

SP

WORKSTATION

STC45

SP

STC50
IF SVTC /
AMPLIFIED
VOICE
PRESENT

STC45

SP

STC50
IF SVTC /
AMPLIFIED
VOICE
PRESENT

⑦ ① ④

⑤ ⑦

⑥
TYP

54"x60" ADA

ESD   ESD or CPT

③   72

CR ②

48"x48" ADA

1'-8"

1'-8"   1'-8"

STC45

SP

STC50
IF SVTC /
AMPLIFIED
VOICE
PRESENT

WALL TYPES

SP Slab to above ceiling partition

LEGEND

CR Card Reader

◁ Data only (2 drops)

◀ Voice only (2 drops)

KEYED NOTES

① GSA Level 5 or 6 Safe

② Access Control System shall
employ two technologies:
-Key lock w/ leverset
-Card Reader
-Cipher Lock

③ HSDN Server Rack with clear
floor space

④ NSA approved Shredder

⑤ Monitor, HSDN Thick Client,
HSDN Thin Client, Printer,
Scanner and STE

⑥ All power and signal distribution
on the interior of the perimeter
wall shall be surface mounted,
contained using furring strips on
existing walls.

⑦ Optional desktop SVTC and/or
Secure Voice Over IP (VOSIP)

COM-HSDN-C Homeland Security Data Network (HSDN) Closed
Option C: 4 HSDN station configuration with optional desktop SVTC
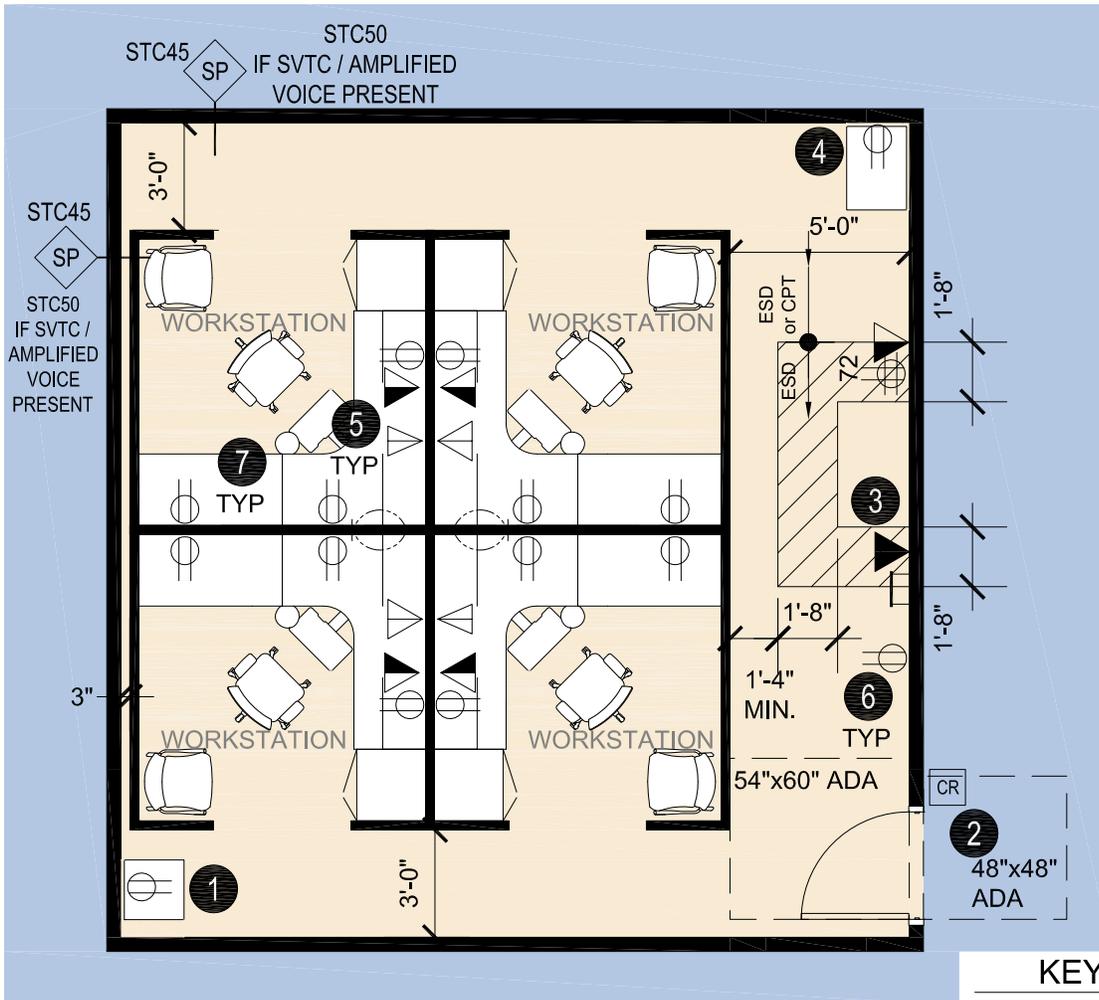
0   5'

MS

KEYED NOTES

1. GSA Level 5 or 6 Safe
2. Access Control System shall employ two technologies:
   -Key lock w/ leverset
   -Card Reader
   -Cipher Lock
3. HSDN Server Rack with clear floor space
4. NSA approved Shredder
5. Monitor, HSDN Thick Client, HSDN Thin Client, Printer, Scanner and STE
6. All power and signal distribution on the interior of the perimeter wall shall be surface mounted, contained using furring strips on existing walls.
7. Optional desktop SVTC and/or Secure Voice Over IP (VOSIP)

LEGEND

CR Card Reader

◁ Data only (2 drops)

◀ Voice only (2 drops)

WALL TYPES

◇ SP Slab to above ceiling partition

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COM-HSDN-C Homeland Security Data Network (HSDN) Closed	**MS**
Option D: Single HSDN station configuration	

0 _____ 5'

STC45
STC50
IF SVTC / AMPLIFIED VOICE PRESENT
SP

1'-8" 1'-8"

1'-8"

48"x48" ADA

3

72

ESD   ESD or CPT

54"x60" ADA

CR   2

STC45
SP

7

6
TYP

WORKSTATION

STC45
SP

STC50
IF SVTC / AMPLIFIED VOICE PRESENT

5

1   4

STC50
IF SVTC / AMPLIFIED VOICE PRESENT

STC45
SP

STC50
IF SVTC / AMPLIFIED VOICE PRESENT

KEYED NOTES

1. GSA Level 5 or 6 Safe
2. Access Control System shall employ two technologies:
   - Key lock w/ leverset
   - Card Reader
   - Cipher Lock
3. HSDN Server Rack with clear floor space
4. NSA approved Shredder
5. Monitor, HSDN Thick Client, HSDN Thin Client, Printer, Scanner and STE
6. All power and signal distribution on the interior of the perimeter wall shall be surface mounted, contained using furring strips on existing walls.
7. Optional desktop SVTC and/or Secure Voice Over IP (VOSIP)

WALL TYPES

SP ⬦ Slab to above ceiling partition

LEGEND

CR Card Reader

◁ Data only (2 drops)

◀ Voice only (2 drops)

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INTENTIONALLY

U.S. Immigration and Customs Enforcement

LAB-TL   Tech Lab

MS

Space Description
Scalable space intended for use by Tech Enforcement Officer(s) to use as an equipment lab.

Wall Construction
Walls:	S-F	Non-Secure Full ht
	S-F-3*	Secure Full ht w/ security mesh
		*OPR to confirm
	S-P*	Slab to above ceiling partition
		*If LAB-TST Tech Storage is adjacent

Adjacencies
- LAB-TST Tech Storage
- No exterior or demising walls

Construction
Ceilings:	Acoustic Batts above
Floors:	NA
Walls:	Acoustic Batts
STC Rating:	NA

Interior Finishes
Floors:	ESD Vinyl flooring (grounded)
Base:	4" Rubber/Vinyl cove
Walls:	PTD Gyp Bd
Ceiling:	ACT
Ceiling Height:	8'-6" Min.

Doors
Door Type/Material:	A / SCWD
Door Size/Rating:	3'-0" x 7'-0" / NA
Frame Type/Material:	1 or 3 / HM
Hardware set:	E6
	Electronic

Windows
Interior Frame Material:	HM (if applicable)
Interior Frame Size:	As scheduled (if applicable)
Glazing:	Tempered Glass (if applicable)
Ext. Window Treatment:	Blinds
	*Blast film if reqd

Fixed Furnishings/Equipment
Casework:	*See Remarks
Specialties:	NA
Equipment:	NA

Furniture
As indicated on floor plan
Furniture layout for design purposes only – refer to furniture vendor for final quantity and design.

Mechanical
HVAC:	Part of multi-zoned HVAC system, 24/7 cooling.
Air Pressure:	NA
Plumbing:	NA

Electrical
Lighting:	50 foot-candles at 30" AFF, controlled by occupancy sensors.
Power:	Per plan in accordance with local/state/federal code, whichever is more stringent

Communications
Phone/Data Outlets:
Provide combination receptacles per plan

Security *
CCTV:	NA
Access Control:	Yes
Duress System:	NA
IDS:	NA

Special Requirements: NA

Remarks
- Casework:
  - Optional ESD plastic laminate cabinets (base and upper) with ESD lab countertop.

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

LAB-TL Tech Lab
Option A: Workbench configuration
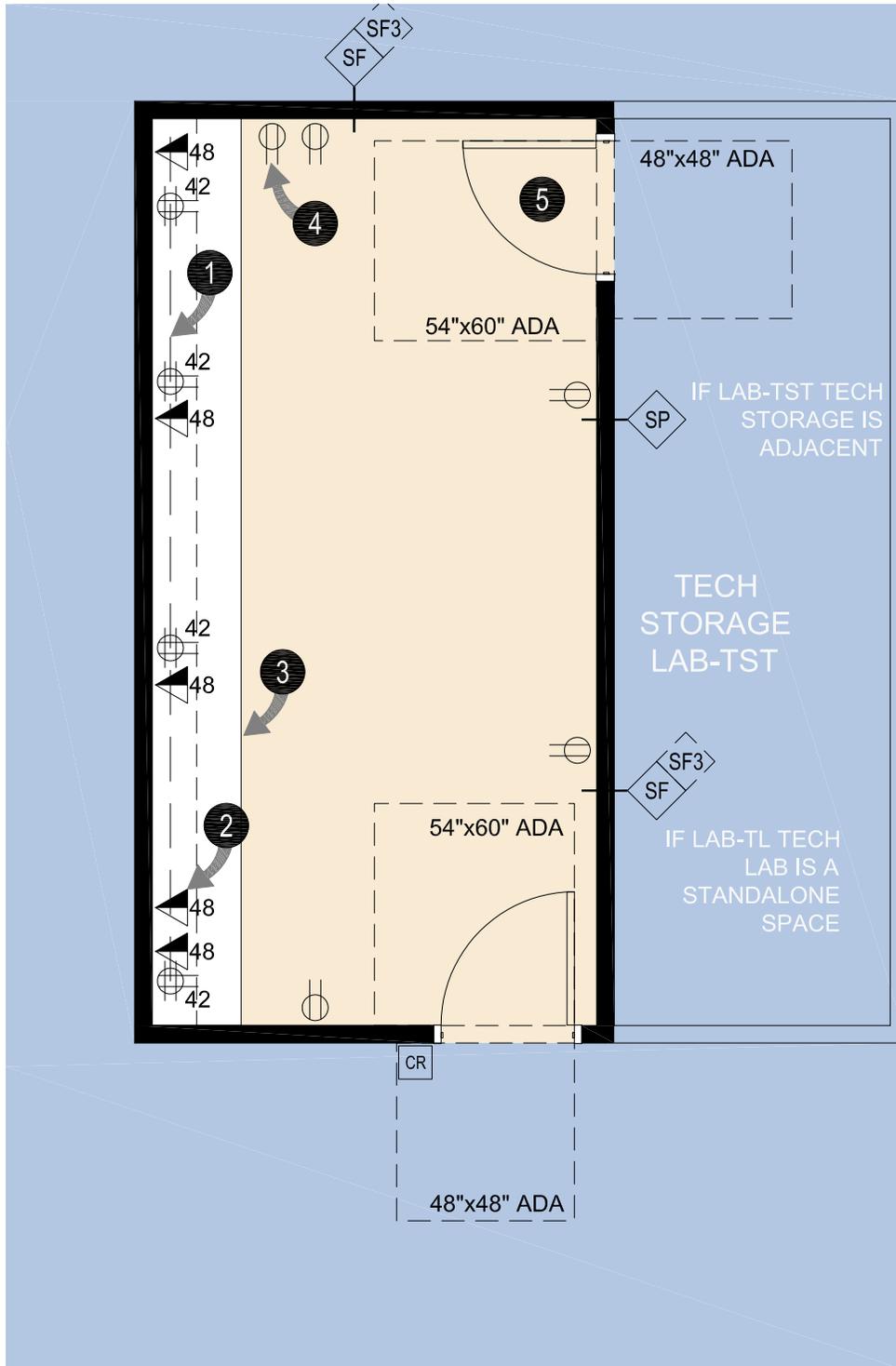
0   5'

MS

KEYED NOTES

1. Power strip to be installed 42" AFF
2. Confirm drop for outside internet connectivity.
3. Workbench lab countertop with optional base and upper cabinets
4. Dedicated 20 Amp outlet
5. If LAB-TST Tech Storage is adjacent, provide door from Tech Lab; Refer to LAB-TST for door requirements

WALL TYPES

SF — Full ht; Non-Secure wall (Typ)

SF3 — Secure Full ht w/ security mesh

SP — Slab to above ceiling partition

SP can be used if LAB-TST Tech Storage is adjacent

LEGEND

CR — Card Reader

LAB-TL   Tech Lab
Option B: Workstation configuration
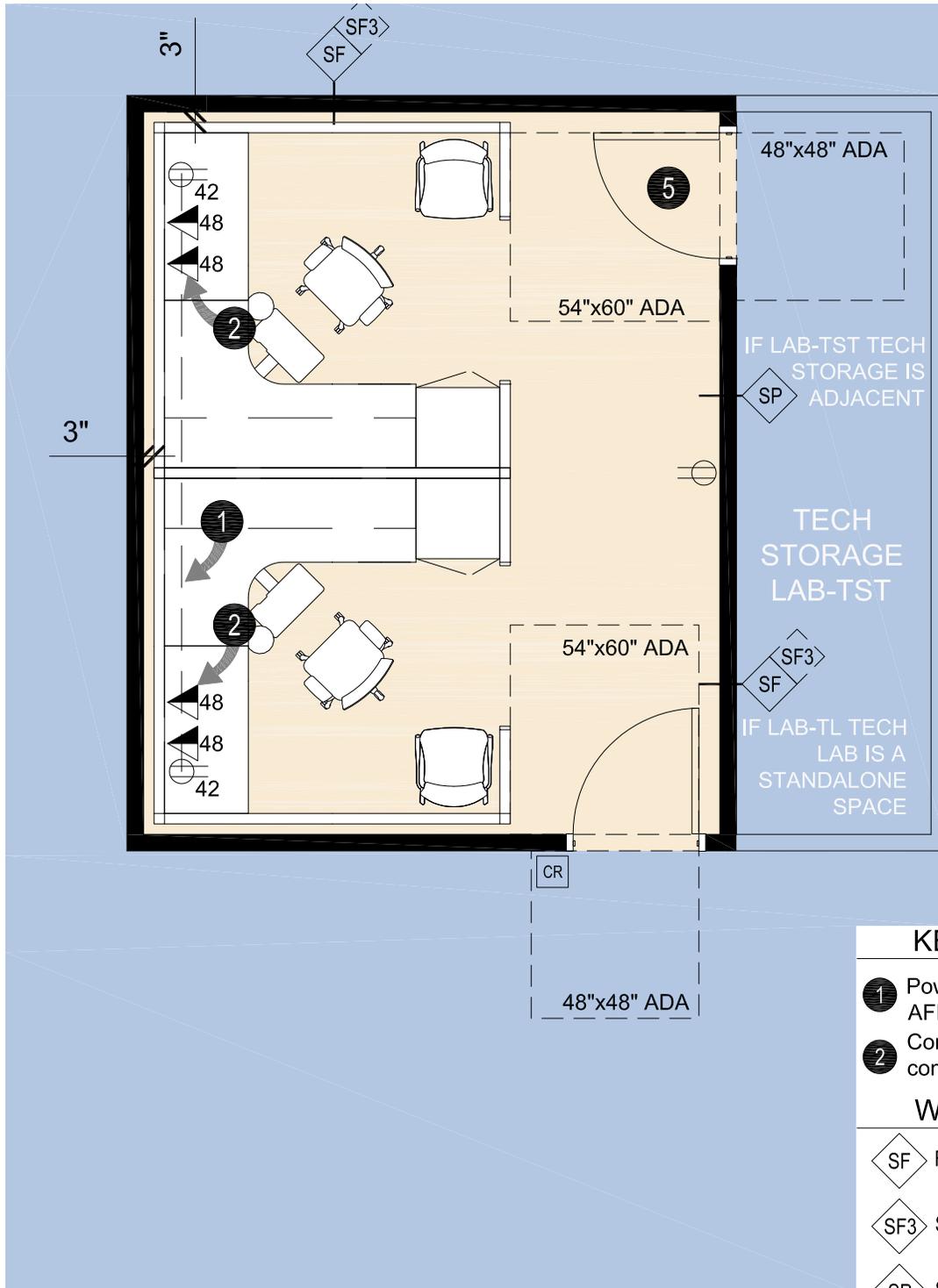
0   5'

MS

48"x48" ADA

54"x60" ADA

IF LAB-TST TECH
STORAGE IS
ADJACENT

TECH
STORAGE
LAB-TST

IF LAB-TL TECH
LAB IS A
STANDALONE
SPACE

54"x60" ADA

48"x48" ADA

KEYED NOTES

1 Power strip to be installed 42"
AFF

2 Confirm drop for outside internet
connectivity.

WALL TYPES

SF Full ht; Non-Secure wall (Typ)

SF3 Secure Full ht w/ security mesh

SP Slab to above ceiling partition

SP can be used if LAB-TST Tech Storage
is adjacent

LEGEND

CR Card Reader

PAGE LEFT
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INTENTIONALLY

LAB-TST   Tech Storage   MS

Space Description
Scalable space intended for use by Tech Enforcement Officer(s) to use for storage of tech equipment.

Wall Construction
Walls:	S-F	Non-Secure Full ht
	S-F-3*	Secure Full ht w/ security mesh
		*OPR to confirm
	S-P*	Slab to above ceiling partition
		*If LAB-TL Tech Lab is adjacent

Adjacencies
- LAB-TL Tech Lab
- No exterior or demising walls

Construction
Ceilings:	NA
Floors:	NA
Walls:	NA
STC Rating:	NA

Interior Finishes
Floors:	ESD Vinyl flooring (grounded)
Base:	4" Rubber/Vinyl cove
Walls:	PTD Gyp Bd
Ceiling:	ACT
Ceiling Height:	8'-6" Min.

Doors
Door Type/Material:	A / SCWD
Door Size/Rating:	3'-0" x 7'-0" / NA
Frame Type/Material:	1 / HM
Hardware set:	04 / F07
	Std Storage / Office

Windows
Interior Frame Material:	NA
Interior Frame Size:	NA
Glazing:	NA
Ext. Window Treatment:	NA

Fixed Furnishings/Equipment
Casework:	NA
Specialties:	NA
Equipment:	NA

Furniture
As indicated on floor plan
Furniture layout for design purposes only – refer to furniture vendor for final quantity and design.

Mechanical
HVAC:	Part of multi-zoned HVAC system
Air Pressure:	NA
Plumbing:	NA

Electrical
Lighting:	30-50 foot-candles at 30" AFF, controlled by occupancy sensors.
Power:	Per plan in accordance with local/state/federal code, whichever is more stringent

Communications
Phone/Data Outlets:
Provide combination receptacles per plan

Special Requirements: NA

Security *
CCTV:	NA
Access Control:	NA
Duress System:	NA
IDS:	NA

Remarks

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

LAB-TST   Tech Storage
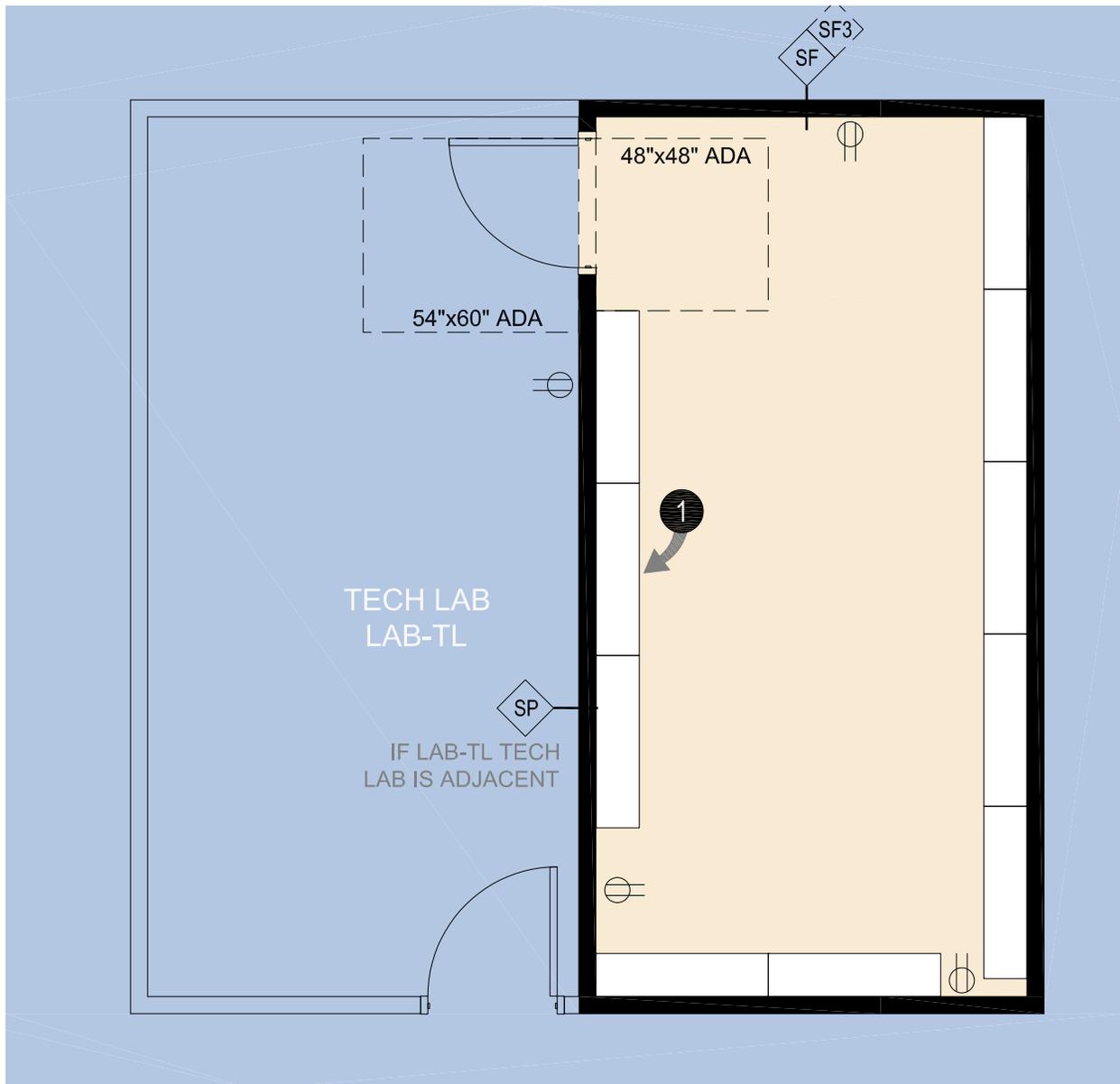
0   5'

MS

SF3

SF

48"x48" ADA

54"x60" ADA

1

TECH LAB
LAB-TL

SP

IF LAB-TL TECH
LAB IS ADJACENT

WALL TYPES

SF > Full ht; Non-Secure wall (Typ)

SF3 > Secure Full ht w/ security mesh

SP > Slab to above ceiling partition

SF (Typ) or SF3* to be used if LAB-TST
Tech Storage is a standalone space
SP can be used if LAB-TL Tech Lab is
adjacent

KEYED NOTES

1 Open storage shelving

U.S. Immigration and Customs Enforcement

SEC-SF Secure File/Storage Room	MS

Space Description
Scalable space intended for storage of files/equipment which have been classified by ICE or any other Federal Agency. This room is also used to store secure forms/files used in an investigation that is currently in progress.

Wall Construction
Walls: S-F-3 Secure Full ht. w/ security mesh
*See Remarks

Adjacencies
• No external or demising walls

Construction
Ceilings: Acoustic Batts above
Floors: NA
Walls: Acoustic Batts
STC Rating: NA

Interior Finishes
Floors: Vinyl Composition Tile (VCT)
Base: 4" Rubber/Vinyl cove
Walls: PTD Gyp Bd
Ceiling: ACT *See Remarks
Ceiling Height: 8'-6" Min.

Doors
Door Type/Material: A / SCWD
Door Size/Rating: 3'-0" x 7'-0" / NA
Frame Type/Material: 1 / HM
Hardware set: E6
Electronic

Windows
Interior Frame Material: NA
Interior Frame Size: NA
Glazing: NA
Ext. Window Treatment: NA

Fixed Furnishings/Equipment
Casework: NA
Specialties: NA
Equipment: High-Density file system (if applicable)
*See Remarks

Furniture
As indicated on floor plan* (See Remarks)
Furniture layout for design purposes only – refer to furniture vendor for final quantity and design.

Mechanical
HVAC: Part of multi-zoned HVAC system

Air Pressure: NA

Plumbing: NA

Electrical
Lighting: 30-50 foot-candles at 30" AFF, controlled by occupancy sensors.

Power: Per plan in accordance with local/state/federal code, whichever is more stringent
*See Remarks

Communications
Phone/Data Outlets: NA
Provide combination receptacles per plan

Special Requirements: NA

Security *
CCTV: NA
Access Control: Yes
Duress System: NA
IDS: OPR to confirm

Remarks
• Walls: If perimeter walls are not full height, then a secure gyp. bd. ceiling is required.
• Equipment/Furniture: Lockable file cabinets or optional High-Density file system w/ lockable file storage. Must consider dead load limitations for floors 2+.

• Interior finishes/Ceiling: If a secure gyp. bd. ceiling is required (See Walls), an ACT ceiling is not allowed.
• Power: Optional dedicated 220v, 20A duplex for large paper shredder (if applicable).

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

U.S. Immigration and Customs Enforcement

SEC-SF   Secure File/Storage Room

0   5'

MS
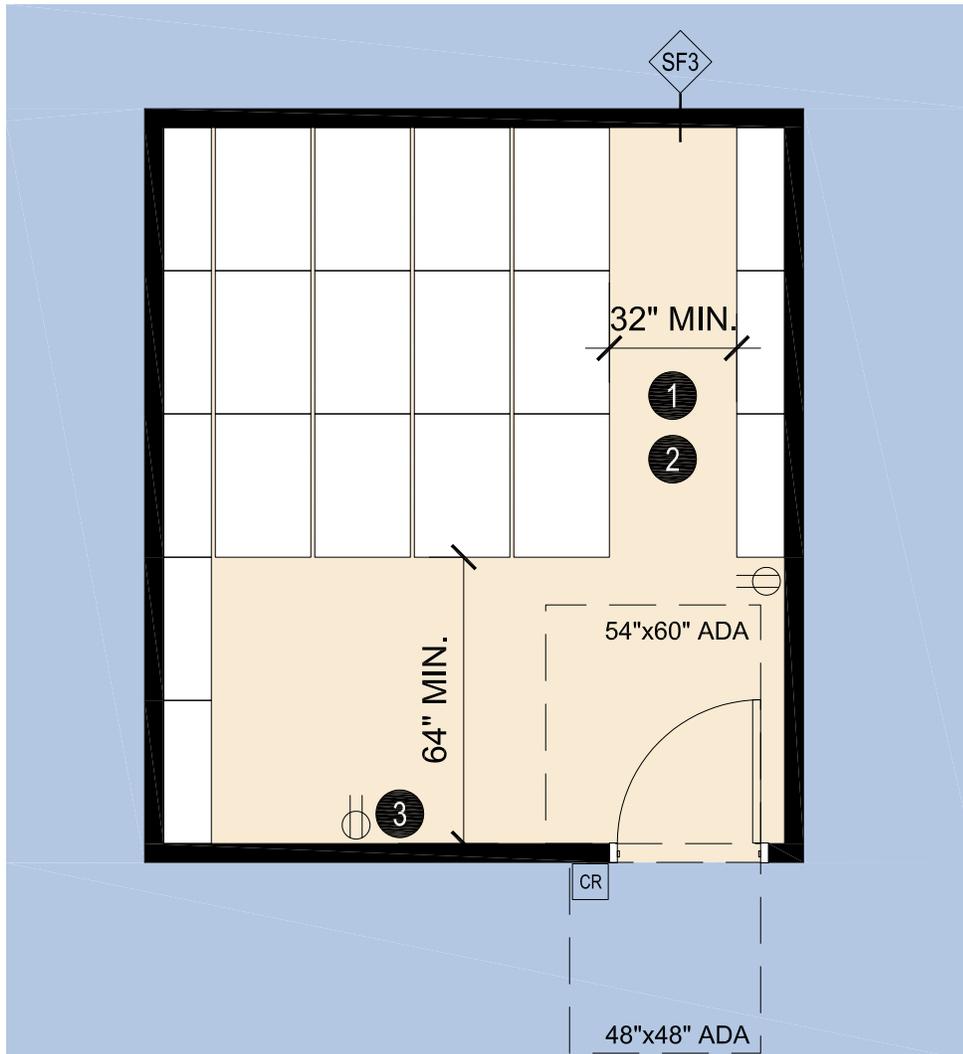
KEYED NOTES

1 Scalable filing system dependent on file volume (verify design with furniture vendor)

2 Consider floor loading/limitations if using high-density filing system

3 Optional dedicated 220V, 20A duplex for large paper shredder (if applicable)

WALL TYPES

SF3 Secure Full ht w/ security mesh

SF3

32" MIN.

1

2

64" MIN.

54"x60" ADA

3

CR

48"x48" ADA

Plan shown with optional high-density file system

**U.S. Immigration
and Customs
Enforcement**

SEC-ES Evidence Storage Room	MS

Space Description
Scalable space intended to for storage of files/equipment which have been classified by ICE or any other Federal Agency. This room is also used to store secure forms/files used in an investigation that is currently in progress.

Wall Construction
Walls: S-F-3   Secure Full ht w/ security mesh
*See Remarks

Adjacencies
• No external or demising walls
• SEC-EP Evidence Prep Room (If applicable)

Construction
Ceilings: Open to above *See Remarks
Floors: NA
Walls: Acoustic Batts
STC Rating: NA

Interior Finishes
Floors: Vinyl Composition Tile (VCT)
Base: 4" Rubber/Vinyl cove
Walls: PTD Gyp Bd
Ceiling: *See Remarks
Ceiling Height: *See Remarks

Doors
Door Type/Material: A / SCWD
Door Size/Rating: 3'-0" x 7'-0" / NA
Frame Type/Material: 1 / HM
Hardware set: *See Remarks

Windows
Interior Frame Material: NA
Interior Frame Size: NA
Glazing: NA
Ext. Window Treatment: NA

Fixed Furnishings/Equipment
Casework: NA
Specialties: NA
Equipment: GSA Class 5 safe, 4 drawer legal size w/ a single combination lock

Furniture
As indicated on floor plan
Furniture layout for design purposes only – refer to furniture vendor for final quantity and design.

Mechanical
HVAC: Separate zone HVAC system
*See Remarks

Air Pressure: Negative

Plumbing: NA

Electrical
Lighting: 30 - 50 foot-candles at 30" AFF, controlled by occupancy sensors.

Power: Per plan in accordance with local/state/federal code, whichever is more stringent

Communications
Phone/Data Outlets:
Provide combination receptacles per plan

Special Requirements: NA

Security *
CCTV: Yes
Access Control: Yes
Duress System: NA
IDS: Yes
Separate alarm zone with keypad inside

Remarks
• Walls: If perimeter walls are not full height, then a secure gyp. bd. ceiling is required.
• Construction/Ceilings: No ceiling allowed unless required (See Walls).
• Door Hardware:
  o E6 – Electronic
  o Lock meeting UL-437
  o Non-hold open door closer

• HVAC
  o HVAC ducts exceeding 96 sq. in. or 11" in diameter require ½" steel man bars every 6" o.c. with all connections and fasteners welded.
• Interior finishes
  o Ceiling: If a secure gyp. bd. ceiling is required (See Walls), an ACT ceiling is not allowed.
  o Ceiling Height: If secure gyp. bd. ceiling is required, min. height is 8'-6"

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

SEC-ES Evidence Storage Room

0   5'

MS

SF3

MS

**40" MIN.
TYP**

2

54"x60" ADA

1

KP

CR

48"x48" ADA

KEYED NOTES

1 High Risk/Drug evidence safe (GSA Class 5 - 4 drawer legal size w/ single combination lock (qty and size to be determined)

2 Open shelving (typical) - layout for design purposes only - refer to furniture vendor for final quantity and design

WALL TYPES

SF3 Secure Full ht w/ security mesh

LEGEND

CR Card Reader

MS Motion Sensor (per OPR)

KP Security System keypad

SEC-WS   Weapons Storage Room | MS

Space Description
Scalable space intended for storage of weapons. The weapons must be physically stored separate from ammunition. Often this space is combined with the Ammunition Storage Room, with separation, for square footage savings.

Wall Construction
Walls: S-F-5   Secure Full ht w/ 1 layer UL752 LVL III BP and security mesh *See Remarks

Adjacencies
- SEC-AS Ammunition Storage Room
- SEC-WC Weapons Cleaning Room (if applicable)
- No exterior or demising walls.
- Not adjacent to building mechanical rooms.

Construction
Ceilings:	Open to above *See Remarks
Floors:	NA
Walls:	NA
STC Rating:	NA

Interior Finishes
Floors:	CONC – sealed
Base:	4" Rubber/Vinyl cove
Walls:	PTD Gyp Bd
Ceiling:	*See Remarks
Ceiling Height:	*See Remarks

Doors
Door Type/Material:	A / *See Remarks – LVL III
Door Size/Rating:	3'-0" (or 3'-6") x 7'-0" / NA
Frame Type/Material:	1 / HM – LVL III
Hardware set:	E6 Electronic

Windows
Interior Frame Material:	NA
Interior Frame Size:	NA
Glazing:	NA
Ext. Window Treatment:	NA

Fixed Furnishings/Equipment
Casework:	NA
Specialties:	GSA Rated Class 5 safes per plan*
Equipment:	NA

Furniture
As indicated on floor plan
Furniture layout for design purposes only – refer to furniture vendor for final quantity and design.

Mechanical
HVAC:	Part of multi-zoned HVAC system *See Remarks
Air Pressure:	NA
Plumbing:	NA

Electrical
Lighting:	30 foot-candles at 30" AFF, controlled by occupancy sensors.
Power:	Per plan in accordance with local/state/federal code, whichever is more stringent

Communications
Phone/Data Outlets:	NA

Security *
CCTV:	Yes
Access Control:	Yes
Duress System:	NA
IDS:	Yes

Special Requirements: NA

Remarks
- Consider floor loading/limitations after determination of size/weight/qty of weapons and safes have been made.
- Walls: If perimeter walls are not full height, then a secure gyp. bd. ceiling is required.
- Construction/Ceilings: No ceiling allowed unless required (See Walls).
- Fixed Furnishing/Equipment/Specialties: This is dependent on quantity of weapons stored.
- Door:
  - Solid hardwood, min. 1 ¾" thick with 12-gauge steel skin plate (LVL III) **OR**
  - HM, 1 ¾" thick with min. 14 gauge skin plate (LVL III).

- HVAC: HVAC ducts exceeding 96 sq. in. or 11" in diameter, require ½" steel man bars every 6" o.c. with all connections and fasteners welded.
- Interior finishes
  - Ceiling: If a secure gyp. bd. ceiling is required (See Walls), an ACT ceiling is not allowed.
 - Ceiling Height: If secure gyp. bd. ceiling is required, min. height is 8'-6"

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

SEC-WS   Weapons Storage Room

0   5'

MS
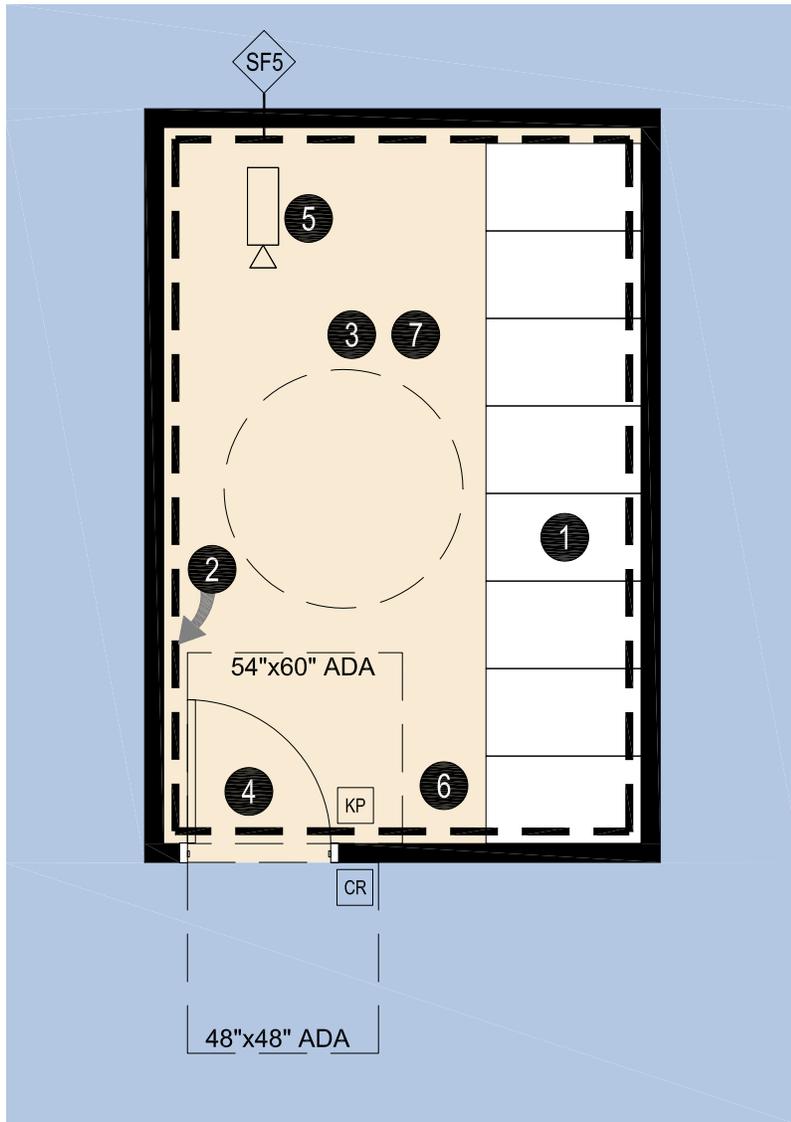
KEYED NOTES

1. GSA Rated Class 5 safe for weapons

2. Ballistic rated secure perimeter

3. Threat side.

4. Door Type A - LVL III (including frame); Door Hardware E6

5. CCTV camera(s) to be placed to provide 100% coverage

6. Optional Clearing Barrel when a Weapons Cleaning Room is not applicable.

7. Consider floor loading/limitations after determination of size/weight/qty of ammunition and safes have been made.

LEGEND

CR Card Reader

KP Security System keypad

WALL TYPES

SF5 Full ht, Secure wall w/ security mesh and LVL III ballistic panel

![U.S. Immigration and Customs Enforcement]

SEC-WC Weapons Cleaning Room	MS

Space Description
Scalable space intended for cleaning of weapons. No weapons or ammunition to be stored in this space.

Wall Construction
Walls: S-F-4   Secure Full ht w/ 1 layer UL752 LVL III BP
*See Remarks

Adjacencies
- SEC-AS Ammunition Storage Room
- SEC-WS Weapons Storage Room
- SEC-AWST Ammunition/Weapons Storage Room (if applicable)

Construction
Ceilings: Acoustic Batts above
Floors: NA
Walls: NA
STC Rating: NA

Interior Finishes
Floors: CONC – sealed
Base: 4" Rubber/Vinyl cove
Walls: PTD Gyp Bd
Ceiling: ACT *See Remarks
Ceiling Height: 8'-6" Min.

Doors
Door Type/Material: A / *See Remarks – LVL III
Door Size/Rating: 3'-0" (or 3'-6") x 7'-0" / NA
Frame Type/Material: 1 / HM – LVL III
Hardware set: E6
Electronic

Windows
Interior Frame Material: NA
Interior Frame Size: NA
Glazing: NA
Ext. Window Treatment: NA

Fixed Furnishings/Equipment
Casework: Per design or optional furniture
Specialties: NA
Equipment: NA

Furniture
As indicated on floor plan
Furniture layout for design purposes only – refer to furniture vendor for final quantity and design.

Mechanical
HVAC: Part of multi-zoned HVAC system
Direct exhaust

Air Pressure: NA

Plumbing: NA

Electrical
Lighting: 30-50 foot-candles at 30" AFF, controlled by occupancy sensors.

Power: Per plan in accordance with local/state/federal code, whichever is more stringent

Communications
Phone/Data Outlets: NA

Security *
CCTV: Yes
Access Control: Yes
Duress System: NA
IDS: Yes

Special Requirements: NA

Remarks
- Weapons cleaning barrel should be provided in this room.
- Walls: If perimeter walls are not full height, then a secure gyp. bd. ceiling is required.
- Door:
  o Solid hardwood, min. 1 ¾" thick with 12 gauge steel skin plate (LVL III) **OR**
  o HM, 1 ¾" thick with min. 14 gauge steel skin plate (LVL III).

- Interior finishes/Ceiling: If a secure gyp. bd. ceiling is required (See Walls), an ACT ceiling is not allowed.

*Security requirements and layout for design purposes only – final quantity and locations are determined on a project specific basis and in compliance with OPR SOW and approved by the OAFM Project Manager.

SEC-WC   Weapons Cleaning Room

0   5'

MS
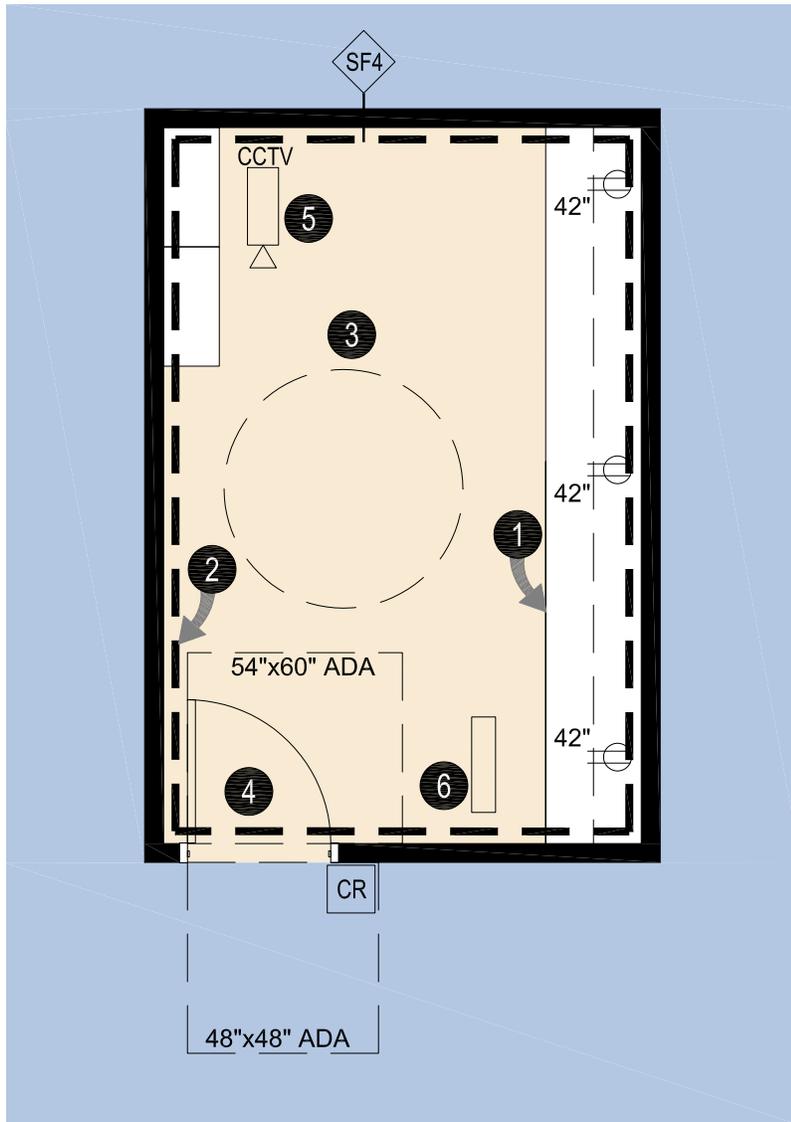
KEYED NOTES

1. Workbench countertop with optional base and upper cabinets.

2. Ballistic rated perimeter

3. Threat side.

4. Door Type A - LVL III (including frame); Door Hardware E6

5. CCTV camera(s) to be placed to provide 100% coverage

6. Clearing Barrel

WALL TYPES

SF4   Secure Full ht w/ 1 layer UL 752 LVL III BP

LEGEND

CR   Card Reader

SF4

CCTV

5

42"

3

42"

1

2

42"

54"x60" ADA

4   6

CR

48"x48" ADA

6

U.S. Immigration
and Customs
Enforcement

Partition Types & Details

U.S. Immigration and Customs Enforcement

Wall Type S-F

UNDERSIDE OF STRUCTURE

CONTINUOUS SEALANT

CONTINUOUS METAL RUNNER

1/2"

SUSPENDED CEILING PER ROOM FINISH SCHEDULE

3 5/8" METAL STUDS (MIN 20 GA) @ 16" O.C.

TYPE "X" 5/8" GWB EA. SIDE

SF

SOUND ATTENUATION BLANKET (3") AS REQUIRED PER ROOM TYPE

SCHEDULED BASE

CONTINUOUS METAL RUNNER

SCHEDULED FLOOR FINISH
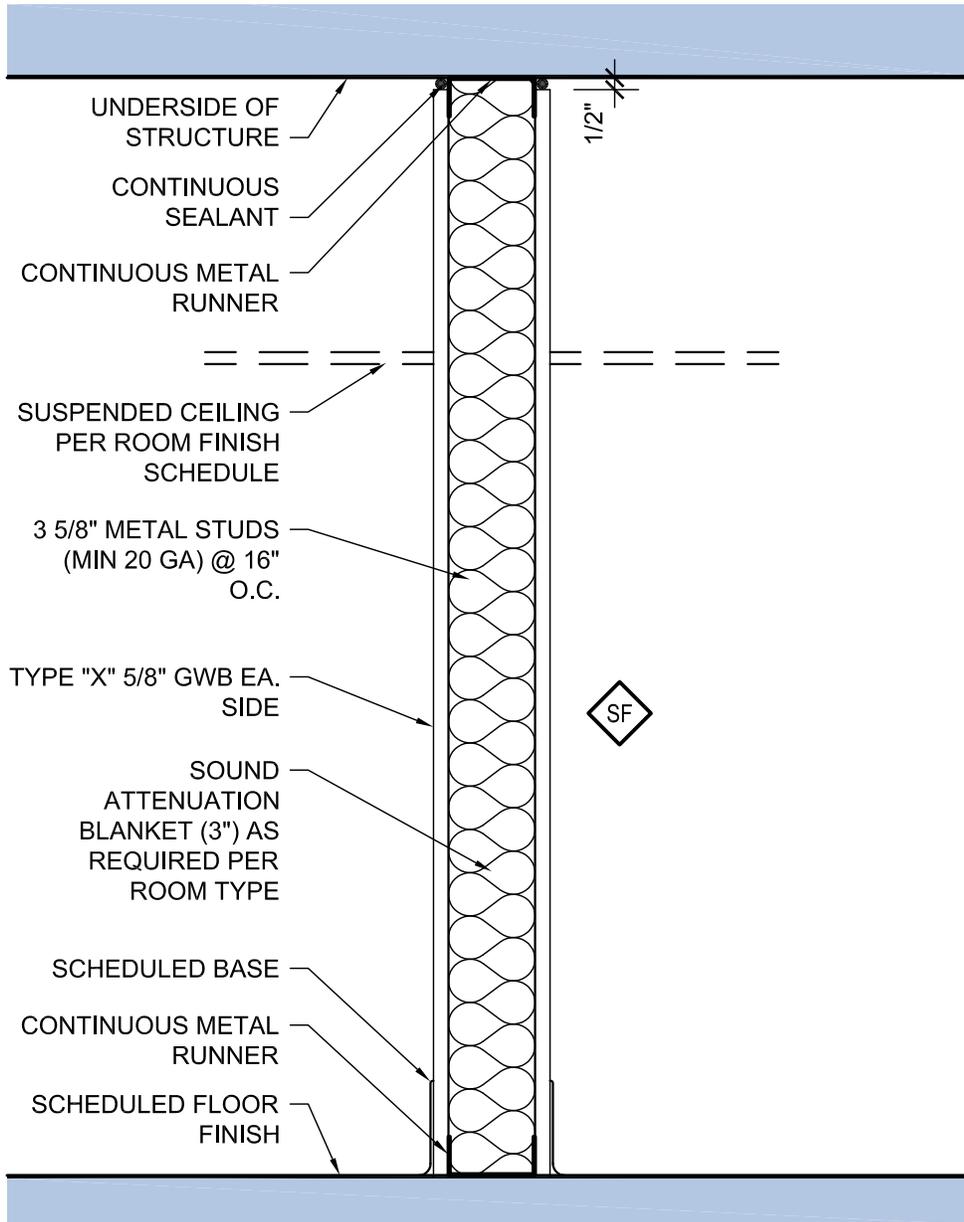
WALL TYPES

SF — Non-Secure Full ht wall, Metal Stud

SF3 — Secure Full ht wall, Metal Stud w/ security mesh installed on threat side between metal stud and GWB

SF4 — Secure Full ht wall, Metal Stud w/ UL 752 LVL III ballistic panel installed on threat side to 12" above ceiling, between metal stud and GWB.

SF5 — Secure Full ht wall, Metal Stud w/ security mesh installed full ht and UL 752 LVL III ballistic panel installed to 12" above ceiling, both on threat side between metal stud and GWB

Security Mesh Note:
13 Gauge Security mesh on threat side, welded or screwed to metal framing @ 6" O.C. vertically at each stud and horizontally along the true floor and true ceiling plate. If screwed, use diamond-shaped fender washer designed for that purpose. Joints will overlap at the studs to provide strength.

FULL HT SECURITY MESH

FULL HT SECURITY MESH

12"

UL752 LVL III BALLISTIC PANEL

12"

UL752 LVL III BALLISTIC PANEL

SECURE SIDE   SF3   THREAT SIDE

SECURE SIDE   SF4   THREAT SIDE

SECURE SIDE   SF5   THREAT SIDE

U.S. Immigration and Customs Enforcement

Wall Type S-P

METAL STUD BRACING TO STRUCTURE ABOVE

CONTINUOUS METAL RUNNER

SOUND ATTENUATION BLANKET (6") AS REQUIRED PER ROOM TYPE

6"

4'-0"

4'-0"

SUSPENDED CEILING PER ROOM FINISH SCHEDULE

3 5/8" METAL STUDS (MIN 20 GA) @ 16" O.C.

TYPE "X" 5/8" GWB EA. SIDE

SP

SOUND ATTENUATION BLANKET (3") AS REQUIRED PER ROOM TYPE

SCHEDULED BASE

CONTINUOUS METAL RUNNER

SCHEDULED FLOOR FINISH
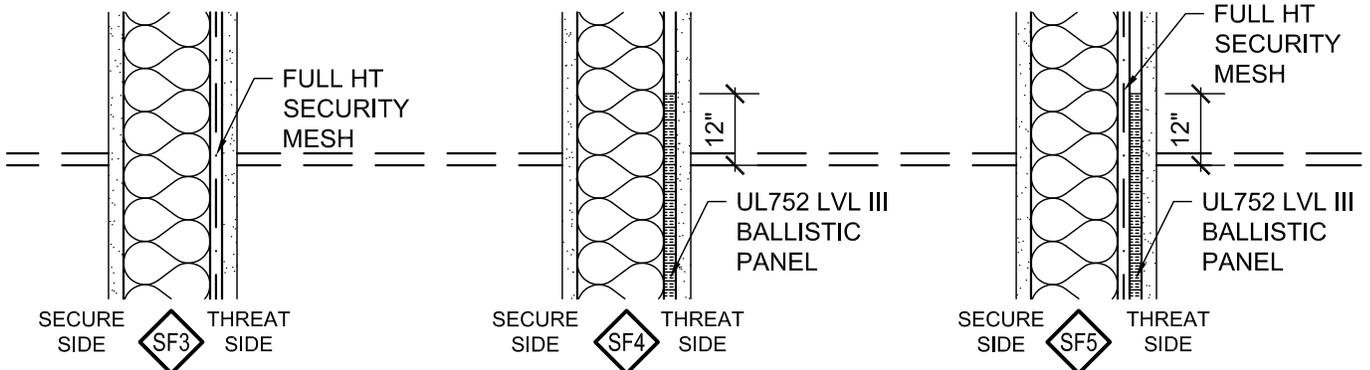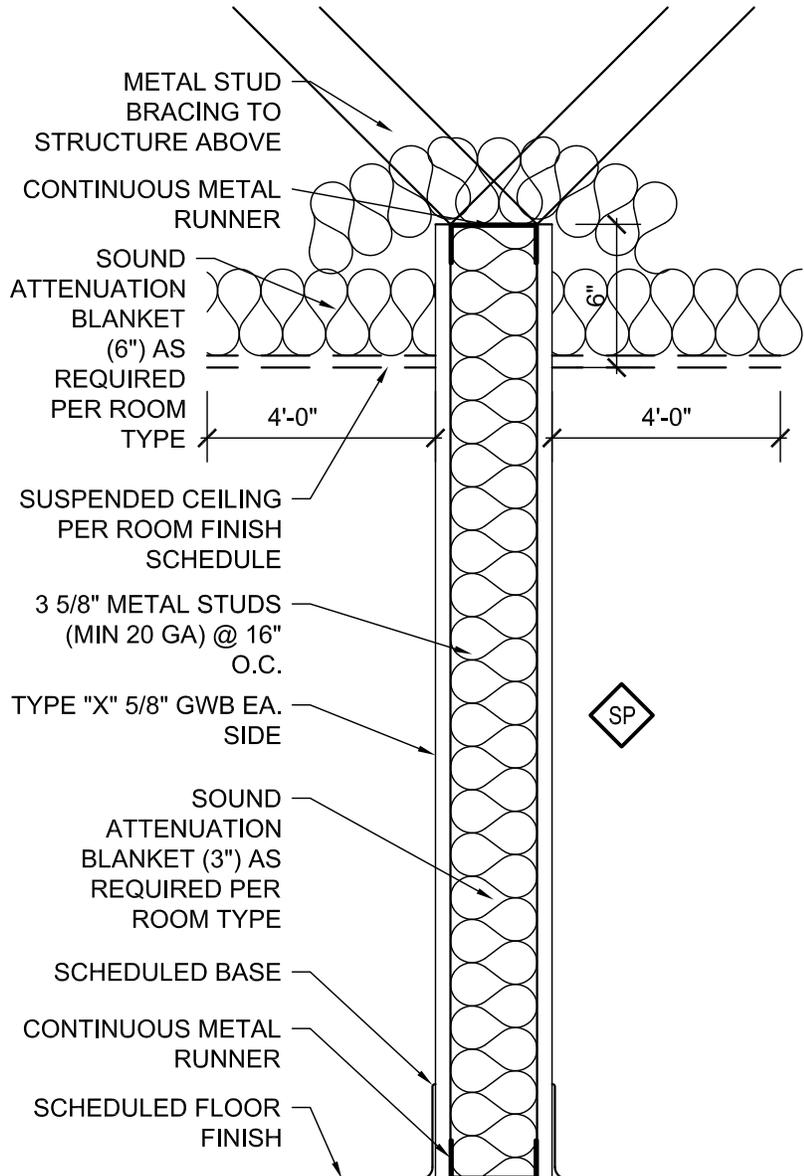
WALL TYPES

SP Non-Secure partition, Metal Stud

SP3 Secure partition, Metal Stud w/ security mesh installed on threat side between metal stud and GWB

Security Mesh Note:
13 Gauge Security mesh on threat side, welded or screwed to metal framing @ 6" O.C. vertically at each stud and horizontally along the true floor and true ceiling plate. If screwed, use diamond-shaped fender washer designed for that purpose. Joints will overlap at the studs to provide strength.

6"

PARTITION HT SECURITY MESH

SECURE SIDE   SP3   THREAT SIDE

Wall Type M-A

UNDERSIDE OF STRUCTURE

8" CONCRETE MASONRY WALL, FULLY GROUTED

SUSPENDED CEILING PER ROOM FINISH SCHEDULE

#4 VERTICAL REBARS @ 8" O.C. AND #3 HORIZONTAL REBARS @ 8" O.C. (SEE STRUCTURAL FOR ADDITIONAL REINFORCING)

DOWELLED #4 BARS @16" O.C. SET IN NON-SHRINK GROUT

SCHEDULED FINISH

SCHEDULED BASE

SCHEDULED FLOOR FINISH

SP

2'-0"

3"
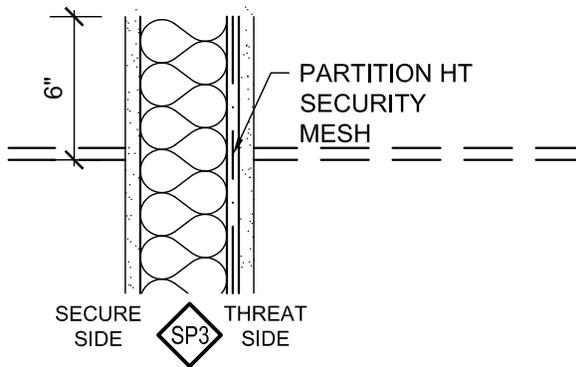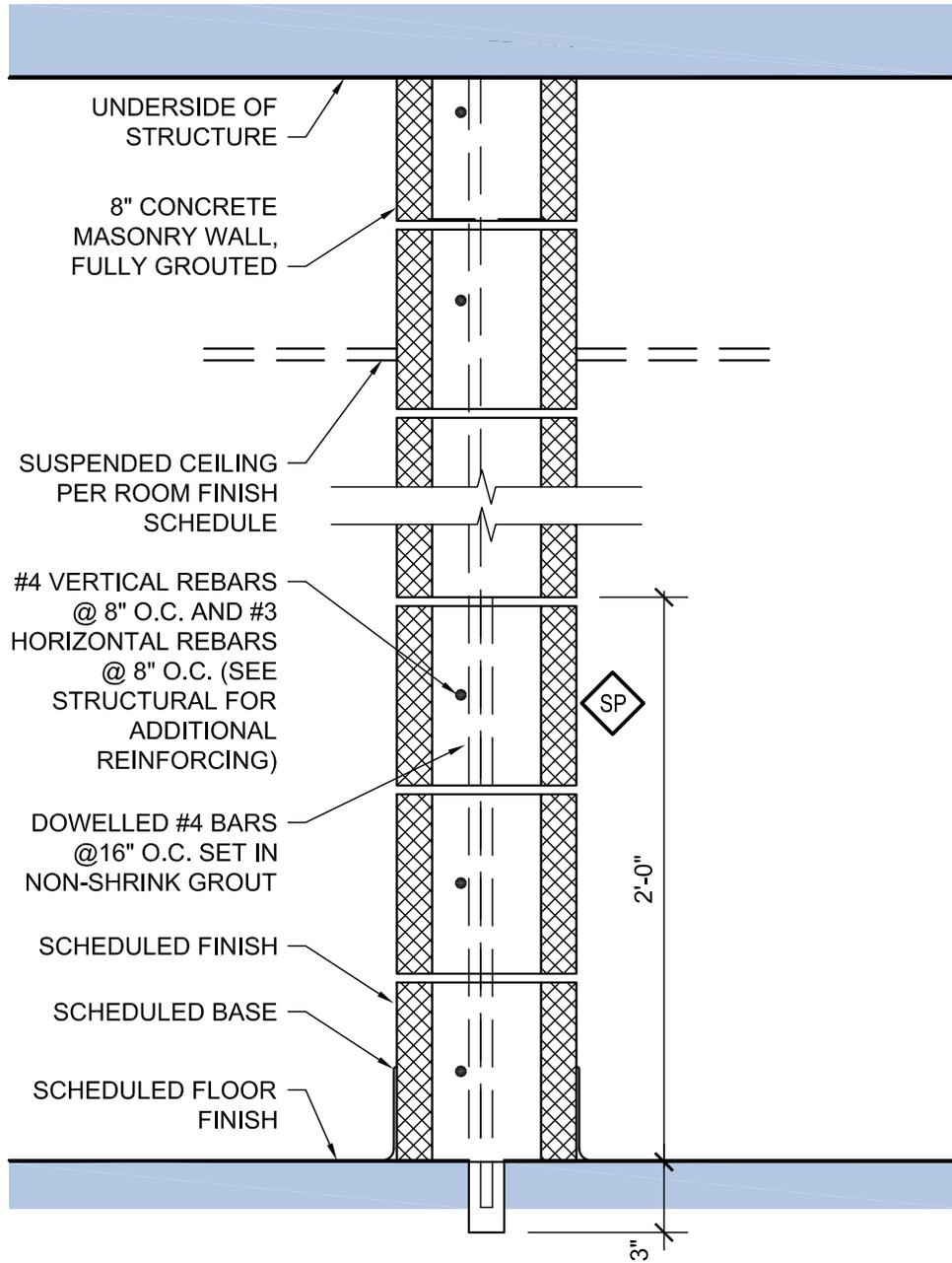
WALL TYPES

MA Full Ht, Security Level A masonry wall

7

U.S. Immigration
and Customs
Enforcement

Door, Frame & Hardware Schedules

DOORS, FRAMES & HARDWARE

Mortise Lock Functions

Mortise lock functions are standardized in the security hardware industry, and each function has an assigned ANSI code. Below is a list of a few common functions:

Office - ANSI F04, latch retracted by knob/lever either side except when locked by key or stop works. When locked, latch retracted by key outside or knob/lever inside. Stays locked until unlocked by stop works.

Classroom - ANSI F05, latch retracted by knob/lever from either side except when outside knob/lever is locked by key. Inside knob/lever always unlocked for free egress.

Storeroom - ANSI F07, latch retracted by key outside or knob/lever inside. Outside knob/lever always locked. Auxiliary deadlatch deadlocks latch when door is closed. Inside knob/lever always unlocked for free egress.

Detention Lock Functions

Detention hardware functions are standardized in the security hardware industry, and each function has an assigned UFGS code (Refer to UFGS Section 08 71 63). Below is a list of common functions:

Lock Type 1:
Solenoid operated, jamb mounted, electro-mechanical deadlatch, cylinder operated one or two sides, remote operation, mogul cylinder, latch bolt.

Lock Type 2:
Door mounted, mechanically operated, mechanical deadbolt, cylinder operated one or two sides, latch bolt, lever tumbler, paracentric key.

Lock Type 3:
Solenoid operated, jamb mounted, electro-mechanical deadlatch, cylinder operated one or two sides, remote operation, builders cylinder, latch bolt, signal switch for lock status.

Lock Type 4:
Door mounted, mortise lock, cylinder operated one or two sides, mogul cylinder, latch bolt, snap locks automatically, knob operated deadbolt.

Lock Type 5:
Door mounted, mechanically operated, cylinder operated one or two sides, mogul cylilnder, latch bolt, mechanical deadbolt, lever tumbler.

Lock Type 6:
Door mounted, mechanically operated, cylinder operated one or two sides, mogul cylilnder, mechanical deadbolt, lever tumbler.

Lock Type 7:
Door mounted, mechanical spring lock, cylinder operated one side only, mogul cylinder, lever tumbler.

HARDWARE SCHEDULE

Standard Hardware Sets

01 – Standard Offices
1 – Keyed, Mortised Lockset, Commercial Grade, Office Function
3 - Hinges
3 - Silencers
1 - Stop (wall or floor as required)

02 – Standard Conference/ Interview Rooms
1 – Keyed, Mortised Lockset, Commercial Grade, Office Function
3 - Hinges
3 - Silencers
1 - Closer (as required)
1 - Stop (wall or floor as required)

03 – Glass Wall Conference Rooms (Optional)
1 – Keyed, Floor Deadbolt, Commercial Grade
2 – Pivot Hinges
1 – Pivot Closer
1 - Stop (wall or floor as required)

04 – Standard Storage/Supply/Mail Rooms
1 – Keyed, Mortised Lockset, Commercial Grade, Storeroom Function
3 - Hinges
3 - Silencers
1 - Closer
1 - Stop (wall or floor as required)

05 – Standard Break Rooms
1 – Keyed, Mortised Lockset, Commercial Grade, Classroom Function
3 - Hinges
3 - Silencers
1 - Closer (as required)
1 - Stop (wall or floor as required)

06 – Locker Rooms
1 – Deadbolt, Keyed each side, Commercial Grade
1 – Set Push/Pull
3 – Hinges
2 – Kick Plates (one each side)
3 - Silencers
1 - Closer
1 - Stop

Electronic Hardware Sets

E1 – Perimeter Glass Entry (Paired Glass Doors)
2 - Floor Closer
2 - Pivot Sets
4 – Intermediate Pivots
2 - Double Maglock (*Coordinate installation with security vendor)
2 - Push/Pull Sets
1 – Threshold (Exterior application only)
2 - Compressors
2 - Overhead Stops
1 - Gasket Set (Exterior application only)
1 – Auto Request To Exit Sensor (RTE)
1 - Power Supply
1 - Wiring Diagram
2 – Keyed, Floor Deadbolt, Commercial Grade
2 – Keyed, Ceiling Deadbolt, Commercial Grade

E1.1 – Perimeter Glass Entry (Single Glass Door)
1 - Floor Closer
1 - Pivot Sets
2 – Intermediate Pivots
1 - Double Maglock (*Coordinate installation with security vendor)
1 - Push/Pull Sets
1 – Threshold (Exterior application only)
1 - Compressors
1 - Overhead Stops
1 - Gasket Set (Exterior application only)
1 – Auto Request To Exit Sensor (RTE) (*Coordinate installation with security vendor)
1 - Power Supply
1 - Wiring Diagram
1 – Keyed, Floor Deadbolt, Commercial Grade
1 – Keyed, Ceiling Deadbolt, Commercial Grade

Operation: Doors locked by Electronic Maglocks. Access by use of authorized card at Card Reader (*Coordinate with security vendor). Egress by activation of RTE Sensor. Maglocks fail-safe upon signal from building's Fire Alarm System. Keyed Floor and Ceiling Deadbolts used for contingency scenarios.

E2 – Perimeter Wood/Metal Entry
3 - Hinges
1 - Electronic Mortise Lock
1 – Closer
1 – Threshold (Exterior application only)
1 - Sound Gasket Kit (Interior application) or 1- Gasket Set (Exterior application only)
1 - Stop (wall or floor as required)
1 – Balance Magnetic Sensor (*Coordinate installation with security vendor)
1 – Auto Request To Exit Sensor (RTE)(*Coordinate installation with security vendor)
1 - Power Supply
1 - Wiring Diagram

E3 – Not Used

E4 – Not Used

E5 – Not Used

E6 – Secured Interior
>   3 - Hinges
>   1 - Electronic Mortise Lock
>   1 - Closer
>   1 - Sound Gasket Kit
>   1 - Stop (wall or floor as required)
>   1 – Balance Magnetic Sensor (*Coordinate installation with security vendor)
>   1 – Minimum 1" Keyed, Throw Deadbolt
>   1 - Power Supply
>   1 - Wiring Diagram

E7 – Not Used

Detention/Security Hardware Sets

Refer to UFGS Section 08 71 63 for additional information
http://www.wbdg.org/ccb/DOD/UFGS/UFGS%2008%2071%2063.pdf

Additional hardware as required by specific application

SH-1
Electro-mechanical solenoid operated deadlatch, jamb mounted, keyed both-sides, remote operation, mogul key.

3 ea.	Type A819HT hinges x SHS
1 ea.	Type 1 lock x keyed one side x EMCLL x SHS
1 ea.	Loop type door pull
1 ea.	Flush type pull x SHS
1 ea.	Wall bumper

SH-1.1
Electro-mechanical solenoid operated deadlatch, jamb mounted, keyed one-side, remote operation, mogul key.

3 ea.	Type A819HT hinges x SHS
1 ea.	Type 1 lock x keyed one side x EMCLL x SHS
1 ea.	Loop type door pull
1 ea.	Flush type pull x SHS
1 ea.	Wall bumper

SH-7
Door mounted, mechanically operated, paracentric key, keyed both-sides.

3 ea.	Type 819HT hinges x PC x SHS
1 ea.	Type 2 lock x keyed 2 sides x EHMLL x SHS
1 ea.	Mortise strike with dust box and switch for lock bolt monitor x PC x SHS
1 ea.	Loop type door pulls
1 ea.	Type 1 door position switch x SHS

SH-7.1
Door mounted, mechanically operated, paracentric key, keyed one-side.

3 ea.	Type 819HT hinges x PC x SHS
1 ea.	Type 2 lock x keyed one side x EHMLL x SHS
1 ea.	Mortise strike with dust box and switch for lock bolt monitor x PC x SHS
1 ea.	Loop type door pulls
1 ea.	Type 1 door position switch x SHS

SH-17
Door mounted, mechanical spring lock, mogul key, keyed one-side. For use on chase and access doors.

2 ea.	Type A819HT hinges x SHS
1 ea.	Type 7 lock x keyed one side x PC x SHS

Abbreviations

SHS	Spanner head screws
AL	Aluminum
LL	Limit switch tripped by spring bolt and roller bolt
PC	Prime coat

DOOR and FRAME SCHEDULE

WOOD
DOORS

4" | 6"
6"
3'-4"

A
1 3/4" SOLID
CORE
WOOD DOOR

B
1 3/4" WOOD FRAME
DOOR WITH FULL
GLASS PANEL

C
1 3/4" WOOD
DOOR WITH
VISION PANEL

METAL
&
GLASS
DOORS

SECURITY
GLAZING

E
1 3/4" METAL
DOOR

F
1 3/4" METAL DOOR
WITH WINDOW

G
GLASS DOOR

DETENTION
DOORS

SECURITY
GLAZING

HAND
CUFFING
DOOR

I
DETENTION
DOOR

METAL
FRAMES

4"

AS SCHED

8"

10"

1
2" HM FRAME

2
HM FRAME (FOR
USE IN MASONRY
WALL)

3
HM FRAME WITH
SIDE LITE

4
SECURITY HM
FRAME