

5.0 ROOM REQUIREMENTS

MCESG Annex

Room Name: Open Office 111, 212

Space Characteristics

Function: Provides duty staff with a room to support a 24-hour operation for embassy training. This room is on the first floor and is used for offices during the day and force entry/scenario training during the night-time hours.

Adjacencies: Near offices. Contains separate copy area and kitchenette area

Special Dimensions:

Plan Dimensions or area: 1639 SF (Room 111), 1825 (room 212)
 Minimum Ceiling Height: 10'-0" minimum ceiling height.

Acoustics: Walls: STC 50 (walls to adjacent rooms and spaces), **Doors: STC 45.** Floor/Ceiling assemblies shall have an Impact Isolation Class (IIC) of 50 (IIC 45 if field tested).

Access: Accessed directly from corridors and circulation.

Number of Occupants: 28 occupants

Other/Special Requirements: Provide cable TV, camera network, provide work stations.

Uniformat Section	Description	Qty	Size	Specific Requirements
B2010	Exterior Walls			Wall construction shall consist of Load bearing CMU backup wall, brick veneer, cast stone trim and a wall cavity space containing the insulation, air, water and vapor barrier
B202001	Exterior Windows	As Indicated	As Required	ATFP compliant. Prefinished aluminum, thermal broken frames. Window shall be fixed operable double hung windows. Provide solid surface stools (sills).
B202004	Exterior Glazing			Low-e, insulated, laminated glazing meeting ATFP requirements. Glazing shall be tinted matching base standards. Laminated glazing shall be a nominal 0.25" thick minimum. Insulating shall be argon filled.
C101001	Fixed Partitions			Concrete Masonry Units (CMU)
C103004	Identifying Devices	As Needed		Wall mounted, architectural signage, include room number and name of function
C103007	Fire Extinguisher Cabinets	As needed		Prefinished, semi-recessed fire extinguisher cabinets. Provide rated cabinets in rated assemblies.
C103008	Counters	8 LF		Solid surface counter tops with a 4" high back-splash.
C103009	Cabinets	8 LF		Wall and base cabinets shall be custom grade per AWI with heavy duty hardware. Cabinets shall meet UFC 4-721-10N standards unless otherwise noted. All cabinets shall have a plastic laminated finish. Space for a full size refrigerator and microwave.
C103012	Firestopping Penetrations	As required		Penetration ratings shall match wall ratings.

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C301002	Acrylic Plaster Coating			High Performance (impact resistant) seamless 10 mil minimum interior acrylic coating system shall be used as an interior wall finish over CMU.
C302006	Floor Finish			Minimal Maintenance, High-Durability, Resilient Flooring
C302007	Wall Base Finish		4" H	Rubber
C303001	Acoustical Tile and Grid		24" x 24"	Suspended Acoustical Ceiling Panels with a reveal edge and standard prefinished grid system.
C303002	Gypsum Board Ceiling Finish			Provide gypsum board accent soffits and bulkheads. Provide level 4 finish on all exposed surfaces.
C304001	Interior Coatings and Finishes			High Performance Latex Paint. Provide one or more painted accent walls.
D201004	Sinks			Provide single compartment stainless steel sink. Provide domestic water connection for refrigerator icemaker.
D304001	Air Distribution, Heating and Cooling			Provide ventilation complying with latest ASHRAE 62.1 requirements. Provide continuous ventilation equal to exhaust, ventilation air is to be fully conditioned and at neutral conditions of 70 degrees F and maximum 50% RH.
D304007	Exhaust Systems			Provide continuous exhaust
D305003	Fan Coil Units			Provide horizontal 4-pipe fan coil unit with secondary drain pan
D306001	HVAC Controls			Provide DDC capable digital wall mounted thermostat. Thermostat will provide fan coil units with BACNET connectivity.
D4010	Fire Alarm and Detection Systems			Provide audible notification appliance coverage in accordance with UFC 3-600-01 and UFC 4-021-01.
D4040	Sprinkler Systems			Provide wet-pipe sprinkler coverage in accordance with UFC 3-600-01.
D502001	Branch Circuit Wiring			Provide general purpose duplex receptacles for every 10' of wall space. Provide one quad receptacle on a dedicated for each desk; provide desks with SIPRNet or DOS network outlets with (2) quad receptacles per desk, coordinate locations with D5030 outlets below. Provide whips for systems furniture; each on a dedicated 3 pole circuit breaker with 3 neutrals and an equipment ground. Power poles are not acceptable. Provide receptacle on dedicated circuit for copier. Provide receptacle on dedicated circuit for refrigerator and for microwave.

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D502002	Lighting Equipment			Target Illuminance = 50fc Fixture Type: Recessed volumetric LED Control: Vacancy Sensor + Switch + Dimming
D503001	Telecommunications Systems			38 – Combination voice and NMCI data outlets (minimum 1 each, per workstation) 1 – Combination voice and NMCI data outlet for copier Provide systems furniture connections without the use of systems furniture poles
D503005	Security Systems			Provide at three locations in Open Office 111 and three locations at Open Office 212 pathway, camera drops and camera control cabling and hardware for MCESG official A/V Training/CATV. (PTZ cameras with integrated illumination assemblies). Each unit to be individually addressable and independently controlled. Route pathway, cabling/wiring to AV closet in Conference Room 204. Provide pathway, cabling/wiring to AV closet in Conference Room 204 for MCESG official A/V Training.
D509002	Emergency Lighting and Power			Provide emergency egress lighting and Exit signs
E1090	Other Equipment			1 - Refrigerator with ice maker 1 – Microwave
E201002	Window Treatments			Aluminum horizontal blinds
E2020	Movable Furnishings			20 – Waste Receptacle 1 – Recycling Bin 20– Task Chair 20 – Panel Systems Workstations, 6' x 6' min. L-shape with overheads on return, (1) File/File drawer and (1) Box/Box/ File drawer. 6' x 8' min. U-shape with overheads on return, (1) File/File drawer and (1)