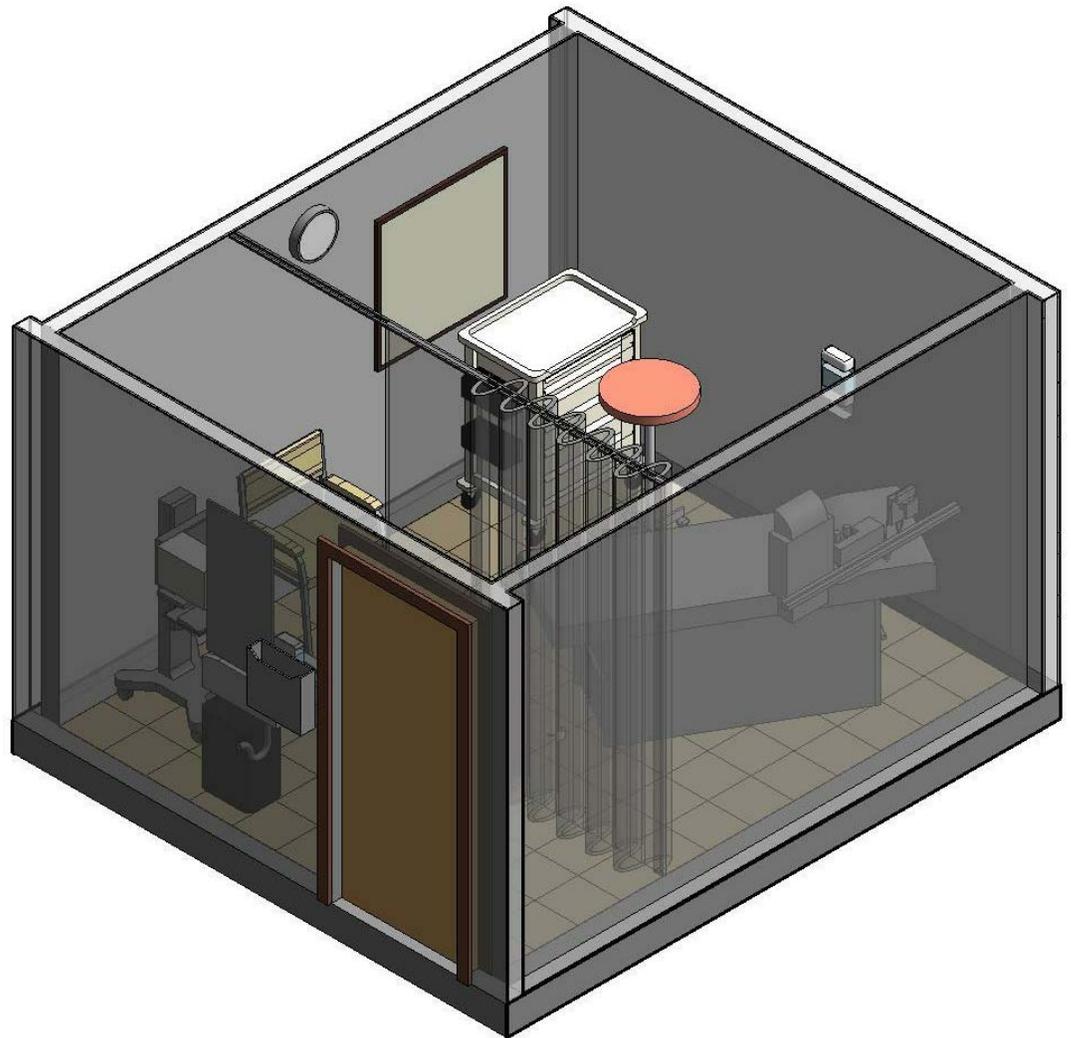




MEDICAL TEMPLATES

prepared for:

**United States Army
United States Navy
United States Air Force**



GENERAL INFORMATION

Purpose

The purpose of this document is to supplement UFC 4-510-01 in providing design guidance for Medical Military Facilities. Use the latest version of UFC 4-510-01 as the primary design criteria when developing medical related facilities or rooms.

Disclaimer

Use of the Department of Defense room code templates shall serve as a guideline for functional equipment layout and clinical process flow only. The templates are not intended to show all communication requirements, electrical power connections, mechanical control devices, etc. All pertinent design criteria is defined in UFC 4-510-01 Design: Military Medical Facilities. Programmed room sizes and equipment contents will be in accordance with the project’s contract documents, i.e., Design Directive (DD), Program For Design (PFD) and the Project Room Contents Report (PRCR). Any deviation from the contract documents must be approved by the using Military Departments and/or the Design and Construction Agents.

References

- UFC 4-510-01 "Design: Medical Military Facilities"
- MILSTD 1691

Supplemental Design Criteria

The following is a list of pertinent design information that is not indicated on the Templates but instead is defined in UFC 4-510-01.

Category of Patient Care Rooms:

- 1 - Critical Care Room
- 2 - General Care Room
- 3 - Basic Care Room
- 4 - Support Room
- C - TBD by the Using Military Department
- N - Not Applicable

Architectural:

- Ceiling Heights
- Door Sizes
- Acoustic Noise Levels
- Finish Materials

Structural:

- Floor Loading

Electrical/Communications:

- Light Levels (Lux and Footcandles)
- Types of Light Fixtures
- Dimming Requirements
- Switching Requirements
- Telephone Equipment Requirements
- Emergency Power Requirements
- Low Voltage Systems
- HIT Requirements

Mechanical:

- Air Balance
- Air Changes
- Interior Design Temperature
- Relative Humidity Requirements
- Filtration Levels
- Exhaust Requirements
- Plumbing and Medical Gases

ABA Interpretations:

- ABA Interpretations and Waivers

Universal X-Ray Room:

- Power
- Electrical Raceways
- Floor Ducts
- Wall Ducts
- Ceiling Cable Trays
- Partitions
- Shielding
- Ceiling Support
- Casework

Note: The universal X-ray room is defined as capable of accepting all routine radiographic, fluoroscopic and tomographic equipment.

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GENERAL INFORMATION

Template Grouping

Refer to the Whole Building Design Guide for the complete listing of Templates.

Electrical, Communications, and Data Outlets

Electrical, Communications, and Data outlets are not shown on these Templates. Requirements should be based on criteria listed in the latest edition of the UFC 4-510-01 and MILSTD 1691. Coordinate with the Using Military Department and the Design and Construction Agent.

Emergency Power and Battery Back-Up Systems

Emergency power and battery back-up systems are not shown on these Templates. Requirements should be based on criteria listed in the latest edition of the UFC 4-510-01 and MILSTD 1691. Emergency power outlets only apply to facilities with emergency power. Coordinate with the Using Military Department and the Design and Construction Agent.

Lighting, Lighting Controls, and Lighting Levels

Lighting, Lighting Controls, and Lighting Levels are not shown on these Templates. Requirements should be based on criteria listed in the latest edition of the UFC 4-510-01 and MILSTD 1691. Coordinate with the Using Military Department and the Design and Construction Agent.

HVAC Systems

HVAC Systems are not shown on these Templates. Requirements should be based on criteria listed in the latest edition of the UFC 4-510-01 and MILSTD 1691. Coordinate with the Using Military Department and the Design and Construction Agent.

Floor/Equipment Plans

"Notes" apply where specifically referenced by number in the Template. All rooms are oriented Plan North unless otherwise specified.

Stud Partitions

Provide mounting or backing plates where needed. Coordinate with the Using Military Department and the Design and Construction Agent.

Sinks and Base Cabinets

When designing sinks, sink base cabinets and counters should be coordinated with actual sink depth, and actual clear sink cabinet openings. Designers should note that equipment descriptions may list nominal dimensions and these dimensions may vary from one manufacturer to another.

Lockable Cabinets

Requirements for lockable cabinetry shall be approved by the Using Military Department and incorporated into the specification by the Design and Construction Agent.

Room Area

All Templates are rounded to the nearest 10 NSF.

Room Description:	NSF:	-	
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