

UNIFIED FACILITIES CRITERIA (UFC)

INTERIOR DESIGN



FOREWORD

The Unified Facilities Criteria (UFC) system is prescribed by MIL-STD 3007 and provides planning, design, construction, sustainment, restoration, and modernization criteria, and applies to the Military Departments, the Defense Agencies, and the DoD Field Activities in accordance with [USD \(AT&L\) Memorandum](#) dated 29 May 2002. UFC will be used for all DoD projects and work for other customers where appropriate. All construction outside of the United States is also governed by Status of Forces Agreements (SOFA), Host Nation Funded Construction Agreements (HNFA), and in some instances, Bilateral Infrastructure Agreements (BIA). Therefore, the acquisition team must ensure compliance with the most stringent of the UFC, the SOFA, the HNFA, and the BIA, as applicable.

UFC are living documents and will be periodically reviewed, updated, and made available to users as part of the Services' responsibility for providing technical criteria for military construction. Headquarters, U.S. Army Corps of Engineers (HQUSACE), Naval Facilities Engineering Command (NAVFAC), and Air Force Civil Engineer Center (AFCEC) are responsible for administration of the UFC system. Defense agencies should contact the preparing service for document interpretation and improvements. Technical content of UFC is the responsibility of the cognizant DoD working group. Recommended changes with supporting rationale should be sent to the respective service proponent office by the following electronic form: [Criteria Change Request \(CCR\)](#). The form is also accessible from the Internet sites listed below.

UFC are effective upon issuance and are distributed only in electronic media from the following source:

- Whole Building Design Guide web site <http://www.wbdg.org/>.

Hard copies of UFC printed from electronic media should be checked against the current electronic version prior to use to ensure that they are current.

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CHAPTER 1 INTRODUCTION

1-1 PURPOSE AND SCOPE.

This UFC provides general guidance and outlines technical requirements that apply to both building-related and furniture-related interior design projects, new construction and renovation projects. The information provided in this UFC will be used by interior designers and architects that meet the interior designer qualifications and serves as the minimum interior design requirements. This UFC covers requirements for schematic design, design development and construction documents including drawings and specifications, procurement documentation and project presentations for Design-Bid-Build (DBB) and Design-Build (DB) projects.

Excellence in design is the primary goal for all projects. Reaching this goal requires a commitment by the Government and designers to a level of quality that includes the coordinated relationship of interior design with the building design, as well as the details of design that affect the users of the facilities. Quality interior design is value added to a project as it vitally improves facility operating efficiency, attractiveness, livability, functionality, life-cycle economics, and the productivity of the users. Project conditions may dictate the need for design that exceeds these minimum requirements.

1-2 APPLICABILITY.

This UFC applies to all agencies of the Department of Defense (DoD) and their contractors that prepare Structural Interior Design (SID) and Furniture, Fixtures and Equipment (FF&E) design packages for all DoD-owned facilities. These criteria are applicable in the fifty states, the District of Columbia, Puerto Rico, United States (U.S.) territories and possessions, and as far as practical, at installations in foreign countries. This UFC applies to all types of construction regardless of funding, including properties listed or eligible for listing on the National Register of Historic Places. Certain specialized facilities, such as health facilities, have more stringent requirements. See UFC or other criteria that are applicable to the respective specialized facility that is being designed. This UFC is applicable to the traditional architectural services customary for Design-Bid-Build design services and for Design-Build construction contracts.

1-2.1 Funding.

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Design funds are associated with the type of funding for construction. When construction is funded under the Military Construction (MILCON) program, MILCON funds are used for the SID and typically the FF&E designs. Funding of the SID and FF&E design is dependent on the project execution method (DBB or DB) and could be funded with MILCON Planning and Design (P&D) funds for DBB or MILCON construction funds for DB. Typically when a using agency identifies the requirement for

2-2 INTERIOR DESIGNER QUALIFICATIONS.

Design and review must be performed by professional interior designers or architects with significant interior design experience. Qualification of designers is based on education, experience and examination. Interior designers or architects must have completed a program accredited by the Council for Interior Design Accreditation (CIDA) or equal accreditation program of academic training in interior design.

For contracted interior design services, the interior designer or architect must also have attained National Council for Interior Design Qualification (NCIDQ) certification or state licensure, certification or registration and must not be affiliated with a furniture dealership, vendor or manufacturer.

2-3 DESIGN CONSIDERATIONS.

Designers must consider interior design compatibility with the local environment, functional requirements, economy of construction, energy conservation, interior details, sustainable design and life cycle costs. Additionally, the interior design must be designed in harmony with the architectural character of existing facilities that are to remain, especially those that are considered historically or architecturally significant and must comply with the installation aesthetic. Design excellence must not add substantial project costs but balance the functionality, aesthetics, quality, sustainability and maintainability of facilities.

2-3.1 Cost Engineering.

Cost Engineering (CE) is an integral part of the design process. Comply with UFC 3-740-05.

2-3.2 Life-Cycle Costs.

Provide interior designs that achieve optimum life-cycle savings. Base design decisions on life-cycle cost considerations to determine an economical design for facilities. Take into account not only the initial construction costs but also the operating and maintenance costs of buildings, the associated impacts on productivity and the missions performed within the facility over their anticipated life. Conduct comparisons as needed to determine the most life-cycle cost effective materials, finishes, construction methods, furnishings and maintenance.

2-3.3 Health and Safety Criteria.

Design floor plans and specify building materials, furnishings and equipment with health and safety in mind. Designers must comply with the latest version of the International Building Code as modified by UFC 1-200-01, [NFPA 101](#), and [Occupational Safety and Health Administration \(OSHA\) Guidelines](#).