

CIVIL CRITERIA

Unless otherwise indicated, the following criteria references are available on the Internet at the U.S. Army Corps of Engineers Techinfo Website/Engineer Publications at:

<http://www.hnd.usace.army.mil/techinfo/index.asp>

TECHNICAL INSTRUCTIONS (TI)

TI 800-01	Design Criteria	Jul 98
TI 800-03	Technical Requirements for Design-Build	Jul 98
TI 800-04	Installation Support	Aug 98
TI 801-01	Barracks Upgrade Program	Aug 98
TI 801-02	Family Housing	Oct 00
TI 802-01	Code 3 Design with Parametric Estimating	May 98
TI 804-01	Area Planning, Site Planning, and Design	Aug 98
TI 804-11	POV Site Circulation and Parking	Aug 98
TI 814-01	Water Supply	Aug 98
TI 814-03	Water Distribution	Aug 98
TI 814-10	Wastewater Collection	Aug 98
TI 814-21	Solid Waste Incineration	Aug 98

TECHNICAL MANUALS (TM)

TM 5-803-5	Installation Design-Improving the Visual Environment	Mar 81
TM 5-803-7	Civil Engineering Programming Airfield and Heliport Planning Criteria	May 99
TM 5-803-11	Children's Outdoor Play Areas	May 97
TM 5-803-12	Planning of Outdoor Recreation Area	Sep 86
TM 5-803-13	Landscape Design and Planting Criteria	Aug 88

*Criteria is not available on the Internet. A copy is available for loan in Design Br, Technical Review.

** Not available at Techinfo website.

TM 5-803-14	Site Planning and Design	Oct 94
TM 5-813-1	Water Supply: Sources And General Considerations	Jun 87
TM 5-813-3	Water Supply, Water Treatment	Sept 85
TM 5-813-4	Water Supply, Water Storage	Sep 85
TM 5-813-5	Water Supply, Water Distribution	Nov 86
TM 5-813-7	Water Supply for Special Projects, Vol. 7	Sep 86
TM 5-813-8	Water Desalination	Sep 86
TM 5-813-9	Water Supply Pumping Stations	Oct 92
TM 5-814-1	Sanitary and Industrial Wastewater Collection; Gravity Sewers and Appurtenances	Mar 85
TM 5-814-2	Sanitary and Industrial Wastewater Collection-Pumping Stations and Force Mains	Mar 85
TM 5-814-3	Domestic Wastewater Treatment	Aug 88
TM 5-814-5	Sanitary Landfill	Jan 94
TM-5-814-7	Hazardous Waste Land Disposal/Land Treatment Facilities	Nov 84
TM 5-814-9	Central Wash Facilities	Feb 92
TM 5-820-1	Surface Drainage Facilities for Airfields and Heliports	Aug 87
TM 5-820-3	Drainage and Erosion Control Structures for Airfields and Heliports	Jun 91
TM 5-820-4	Drainage for Areas Other Than Airfields	Oct 83
TM 5-822-2	General Provisions and Geometric Design For Roads, Streets, Walks, and Open Storage Areas	Jul 87
TM 5-822-5	Pavement Design for Roads, Streets, Walks, And Open Storage Areas	Jun 92
TM 5-853-1	Security Engineering Project Development (For Official Use Only)	May 94*
TM 5-853-2	Security Engineering Concept Design (For Official Use Only)	May 94*
TM 5-853-3	Security Engineering Final Design (For Official Use Only)	May 94*

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** Not available at Techinfo website.

DESIGN BUILD INSTRUCTION (DBI)

DBI	Design Building Instructions for Military Construction	Oct 94
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ENGINEERING TECHNICAL LETTERS (ETL)

ETL 1110-3-394	Aircraft Characteristics for Airfield-Heliport design and Evaluation	Sep 91
ETL 1110-3-430	Design of US Army Airfield Aircraft Mooring and Grounding Points for Rotary Wing Aircraft	Sep 91
ETL 1110-3-446	Revision of Thrust Restraint Criteria in TM 5-813-5/AFM 88-10, Vol. 5, Appendix C	Aug 92
ETL 1110-3-466	Selection & Design of Oil/Water Separators at Army Facilities	Aug 94

CHAIN-LINK SECURITY FENCE AND INSTALLATION ENTRY POINT DETAILS

(Details are no longer available on the Internet USACE Techinfo Website. Details are available from Ron Taylor (CEHNC-ED-ES-J); Telephone: 256-895-1402; e-mail: ronald.w.taylor@hnd01.usace.army.mil)

STD 872-90-00 to 09	Chain-Link Security Fence Details
STD 872-50-01	Installation Entry Point Details

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 ** Not available at Techinfo website.

MILITARY HANDBOOKS (MIL-HDBK)

(Available on the Internet USACE Website Techinfo/Support Documents at:

<http://www.hnd.usace.army.mil/techinfo/milhbkb.htm>

MIL HDBK 1008C	Fire Protection for Facilities Engineering, Construction, and Design [Superseded by UFC 3-600-01]	Jun 97
MIL HDBK 1022A	Petroleum Fuel Facilities	Nov 99

FACILITIES STANDARDIZATION PROGRAM

Department of the Army (DA) Standard Designs

The Department of the Army's (DA) Facilities Standardization Program is a comprehensive Army-wide facilities standard design program. The designs are maintained and electronically distributed by various Corps offices. Unrestricted DA standard designs can be accessed directly through the [DA Standardization Program Library](#).

ENGINEERING REGULATIONS (ER)

EP 1110-345-100	Engineering and Design - Design Policy for Military Construction	Feb 94
ER 1110-345-700	Engineering and Design - Design Analysis, Drawings and Specifications	May 97

UNIFIED FACILITIES GUIDE SPECIFICATIONS (UFGS)

Division 02 - Site Work: Designer shall use latest UFGS dated edition.

UNIFIED FACILITIES CRITERIA (UFC)

(Available on the Internet at: http://65.204.17.188/report/doc_ufc.html)

UFC 2-600-01	Installation Design	June 2000
UFC 3-260-01	Airfield and Heliport Planning and Design	Nov 2001
UFC 3-600-01	Design: Fire Protection for Facilities	April 2003

*Criteria is not available on the Internet. A copy is available for loan in Design Br, Technical Review.

** Not available at Techinfo website.

UFC 4-010-01	Design: DoD Minimum Antiterrorism Standards for Buildings (Applies to Fiscal Year 2004 Military Construction Programs.)	July 2002
UFC 4-010-10	Design (FOUO): DoD Minimum Antiterrorism Standards for Buildings (Applies to Fiscal Year 2004 Military Construction Programs. Not available on the Internet)	July 2002
UFC 4-72111-01	Unaccompanied Enlisted Personnel Housing (UEPH) Complexes. Volume 1- Project Management Manual. Volume 2- Model Request for Proposals (RFP)	Nov 2001

FEDERAL STANDARD

FED STD 795	Uniform Federal Accessibility Standards (UFAS) Apr 88
FED STD 376B	Preferred Metric Units for General Use by the Federal Government

MILITARY STANDARD

MIL-STD 12 D	Military Standard Abbreviations for Use on Drawings, and in Specifications, Standards and Technical Documents.
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ARMY REGULATION (AR)

AR 415-15	Military Construction, Army (MCA) Program Development
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MISCELLANEOUS

Design Criteria for Construction in the U.S. Army, Kwajalein Atoll/Kwajalein Missile Range (USAKA/KMR), Mar 97 or latest edition.*

A Policy on Geometric Design of Highways of Streets, American Association of State Highway and Transportation Officials (AASHTO), TE 175.A54, 4th Edition, 2001.

Manual on Uniform Traffic Control Devices for Streets and Highways, US Department of Transportation, Federal Highway Administration, HE370.U54, Millennium Edition.

*Criteria is not available on the Internet. A copy is available for loan in Design Br, Technical Review.

** Not available at Techinfo website.

Americans with Disabilities Act Guidelines (ADAAG) for Buildings and Facilities, 36 CFR Part 36. Available on the Internet at: <http://www.access-board.gov/indexes/pubsindex.htm>

ADA Title II Technical Assistance Manual, Section II 6-3000, Major differences between ADAAG and UFAS, January 24, 1992, the Department of Justice, Civil Rights Division, Office of the Americans with Disabilities Act. Available on the Internet at: <http://www.usdoj.gov/crt/ada/publicat.htm>

Tri-Service CADD/GIS Technology, Architectural, Engineering and Construction (A/E/C) CADD Standards. Available on the Internet at: <http://tsc.wes.army.mil>

Interim DoD Antiterrorism/ Force Protection Construction Standards, dated Dec 1999 (Applies to Fiscal Year 2002 and 2003 Military Construction Programs.)*

PODR 1110-1-3	Engineering and Design, Half-Size Drawings and Micro film
CEPOD-ED-T	Design Criteria Guide and Sample DA
CEPOH-EC-DA	Procedures for Preparation of Specifications

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