

## Foreword

**PURPOSE:** These design guidelines provide direction to designers and planners for the following standard ranges. All of these standard ranges fall under the mandate of Training Circular (TC) 25-8, Training Ranges.

- Battle Area Complex (BAX)
- Digital Multipurpose Range Complex (DMPRC)
- Digital Multipurpose Training Range (DMPTR)
- Multipurpose Scout Qualification Range (SQR)
- Antiarmor Tracking and Live-Fire (AATLF) Range
- Combined Arms Collective Training Facility (CACTF)
- Live Fire Exercise Shoothouse (LFSH)
- Urban Assault Course (UAC)
- Infantry Platoon Battle Course (IPBC)
- Infantry Squad Battle Course (ISBC)
- Qualification Training Range (QTR)
- Multipurpose Machine Gun Transition (MPMG) Range
- Automated Sniper Field Fire (SFF) Range
- Modified Record Fire (MRF) Range
- Automated Record Fire (ARF) Range
- Automated Field Fire (AFF) Range
- Squad Defense Range (SDR)
- Automated Combat Pistol/Military Police Firearms Qualification Course (CP/MPQC)
- Live Fire Exercise Breach (LFEB) Facility
- Fire and Movement Range (FMR)
- Rifle/Machine Gun Zero (ZERO) Range

**SCOPE:** The design guidelines identify the interface points between the automated target system installation contractor and the range construction contractor, facilitate the standardization of range facilities, and note salient points and design criteria for standardized ranges. Recommended range layouts and design guidance are also included; definitive details for support facilities required on the ranges are provided for viewing (MicroStation files can be provided upon request). Adaptation of the standard designs to meet site-specific conditions is the responsibility of the designer.

**POINT OF CONTACT:** Address inquiries to Commander, U.S. Army Engineering and Support Center, Huntsville, AL, ATTN: CEHNC-IS-SP (RTL), P.O. Box 1600, Huntsville, AL 35807-4301; phone 256-895-1535; or FAX 256-895-1248.