

CHAPTER 9

Life Safety, Fire Protection, and Antiterrorism/Force Protection

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9.1 GENERAL

This chapter provides guidance for documenting life safety, fire protection, and antiterrorism and force protection in the design documents. Discipline specific chapters of the LDMDG, such as the architectural, mechanical, and electrical chapters, contain additional requirements related to life safety, fire protection, and antiterrorism and force protection. Bring any conflicts to the attention of the USACE PE/A for determination of the appropriate requirement for the project. Additional requirements may also be in the AE contract.

9.2 CRITERIA

Apply UFC 1-200-01 General Building Requirements which adopts and modifies the International Building Code. UFC 3-600-01 Fire Protection Engineering is the applicable criteria for life safety and fire protection. The UFC adopt National Fire Protection Association codes in lieu of the International Fire Code. UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings is the applicable criteria for antiterrorism and force protection requirements.

9.3 DOCUMENTATION

9.3.1 LIFE SAFETY/FIRE PROTECTION

Fire Protection/Life Safety/Accessibility Code Review and Fire Protection/Life Safety/Accessibility Floor Plan(s) drawings shall be developed and included in ALL project design submittals for government review and comment, including any concept or interim submittals.

The Designer of Record (DOR) shall use the Fire Protection/Life Safety/Accessibility Code Review form, located in the Louisville District Design Guide at <https://www.lrd.usace.army.mil/Mission/Military-Construction-Reserve/Design-Guides/> to record Fire Protection, Life Safety and Accessibility features for all building projects, including unoccupied facilities. The form shall be edited, adding and subtracting criteria to include specific and actual project requirements. The DOR shall sign the form where indicated. The form shall be provided in the Design Analysis and on a Code Review drawing. Fire Protection/Life Safety/Accessibility drawings shall be developed, graphically showing all features of fire protection/ life safety/accessibility. These drawings shall be indicated as “For Reference Only”.

9.3.2 ANTITERRORISM/FORCE PROTECTION

Antiterrorism Standards for Buildings Review shall be developed and included in ALL project design submittals for government review and comment.

The Designer of Record (DOR) shall use the DoD Minimum Antiterrorism Construction Standards - Checklist form, located in the Louisville District Design Guide at <https://www.lrd.usace.army.mil/Mission/Military-Construction-Reserve/Design-Guides/> to record DoD Minimum Antiterrorism Construction Standards compliance for all building projects, including low occupancy facilities. The form shall be completed to include specific and actual project features to document compliance or why compliance is not required. The DOR shall sign the form where indicated. The form shall be provided in the Design Analysis.