

## UFC 4-022-03 Security Engineering: Fences, Gates and Guard Facilities

### INTENT/PURPOSE

The intent of this standard to provide a unified approach for the design, selection, and installation of security fences, gates and guard facilities for DoD facilities.

### GENERAL SUMMARY STATEMENT

Security fences, gates and guard facilities are primarily used to define the perimeter of secure areas. They also provide a physical and psychological deterrent to entry while signifying that free access is not permitted. They serve the purpose of directing and controlling personnel and vehicles through designated inspection portals.

### MAJOR TOPICS ADDRESSED

Design guidelines address the following areas:

1. Fencing
  - a. Primarily used to define perimeters
  - b. Fence Types
  - c. Protection levels of various DoD agencies
  - d. Fence construction and components
  - e. Reinforcement
  - f. Clear Zones
  - g. Electronic detection systems
  - h. Drainage
  - i. Signage
2. Gates
  - a. Personnel gates
  - b. Vehicular gates
  - c. Cantilever gates
  - d. Gate reinforcement
  - e. Gate Operators
3. Guard Facilities
  - a. Gate House
  - b. Sentry/Guard Booth
  - c. Overwatch Booth
  - d. Booth design
  - e. Prefabricated Structures
  - f. Towers
  - g. Lighting