

**Master Surveillance and Control Facility (MSCF). FAC: 1498**

CATCODE: 730838

OPR: AFSFC/SFO

OCR: N/A

Updated: 09 NOV 2022

1.1. **Description.** This facility contains alarm annunciation equipment, video processing and display equipment, entry control system processing equipment, communications equipment, area and perimeter lighting controls, backup power equipment, operator workstations and consoles, and map displays.

1.2. **Requirements Determination.** An MSCF is necessary for each site supporting priority resources and utilizing electronic sensor equipment/systems. For security reasons, the MSCF is an underground facility. If an underground facility is not feasible, the facility may be constructed at ground level in compliance with the requirements in AFI 31-101. Contact OPR for latest requirements and guidance.

1.3. **Scope Determination.** For ground level MSCFs, the building walls, doors, windows, and roof are hardened to provide protection against small arms fire. Include firing ports (required at points throughout the facility to provide 360 degree fields of fire), heating, air conditioning, and a restroom. Provide adequate space for two personnel, required equipment, and to allow for servicing of equipment when necessary. Whenever feasible, free floor space should be provided around each console and equipment rack. Authorize 300 net SF for this facility, unless the using activity can justify more based upon physical size of equipment housed in this facility.

1.4. **Design Considerations.** Maintain environmental conditions between 18.3°C and 26.7°C (65°F and 80°F) and between 40 and 60 percent relative humidity. It should be adequately sound proofed to attenuate noise from printers, equipment fans, and other noise generating equipment.