



**DEPARTMENT OF THE AIR FORCE**  
**HEADQUARTERS AIR FORCE CIVIL ENGINEER SUPPORT AGENCY**

MAY 15 2002

FROM: HQ AFCESA/CES  
139 Barnes Drive  
Tyndall AFB, FL 32403-5319

**SUBJECT: Engineering Technical Letter (ETL) 02-09: Construction Signs for Military Construction (MILCON) Projects**

**1. Purpose.** This ETL provides the instructions and format for Air Force MILCON project signs. The construction project sign provides the project title and basic construction team information.

**2. Summary of Revisions.** This ETL supersedes ETL 93-1, *Construction Signs*, by incorporating the use of the United States Air Force symbol (adopted March 2000) in accordance with guidelines in *The U.S. Air Force Symbol – Guidelines for Use*, and includes the following changes: sample construction sign (Figure 1); and sign colors (paragraph 6.5).

**3. Application.** This ETL is applicable to all new Air Force MILCON projects. It is not intended that signs on projects already under contract be changed nor to incur additional expense on projects under design simply to comply with this ETL.

**3.1. Authority:**

- Air Force Policy Directive (AFPD) 32-10, *Installations and Facilities*
- Air Force Instruction (AFI) 32-1023, *Design and Construction Standards and Execution of Facility Construction Projects*

**3.2. Effective Date:** Immediately.

**3.3. Ultimate Recipients:**

- Base civil engineers (BCE) and other Air Force units responsible for design and construction.
- U.S. Army Corps of Engineers (USACE) and Navy offices responsible for design and construction of Air Force facilities.

**3.4. Coordination:** Air Force major command (MAJCOM) civil engineers.

**4. Referenced Publications:**

**4.1. Air Force:**

- AFPD 32-10, *Installations and Facilities*
- AFI 32-1023, *Design and Construction Standards and Execution of Facility Construction Projects*

**APPROVED FOR PUBLIC RELEASE: DISTRIBUTION UNLIMITED**

- Air Force Pamphlet (AFPAM) 32-1097, *Sign Standards Pamphlet*
- *The U.S. Air Force Symbol – Guidelines for Use*, available at <http://www.af.mil/airforcestory/guidelines.shtml>

#### 4.2. Federal Standard (FED-STD):

- FED-STD-595B, *Colors*, Volume 1

### 5. Acronyms and Terms.

AFI	- Air Force Instruction
AFPAM	- Air Force Pamphlet
AFPD	- Air Force Policy Directive
BCE	- base civil engineer
ETL	- Engineering Technical Letter
in	- inch
MAJCOM	- major command
MILCON	- military construction
mm	- millimeter
RAMP	- Requirements and Management Plan
USACE	- U.S. Army Corps of Engineers

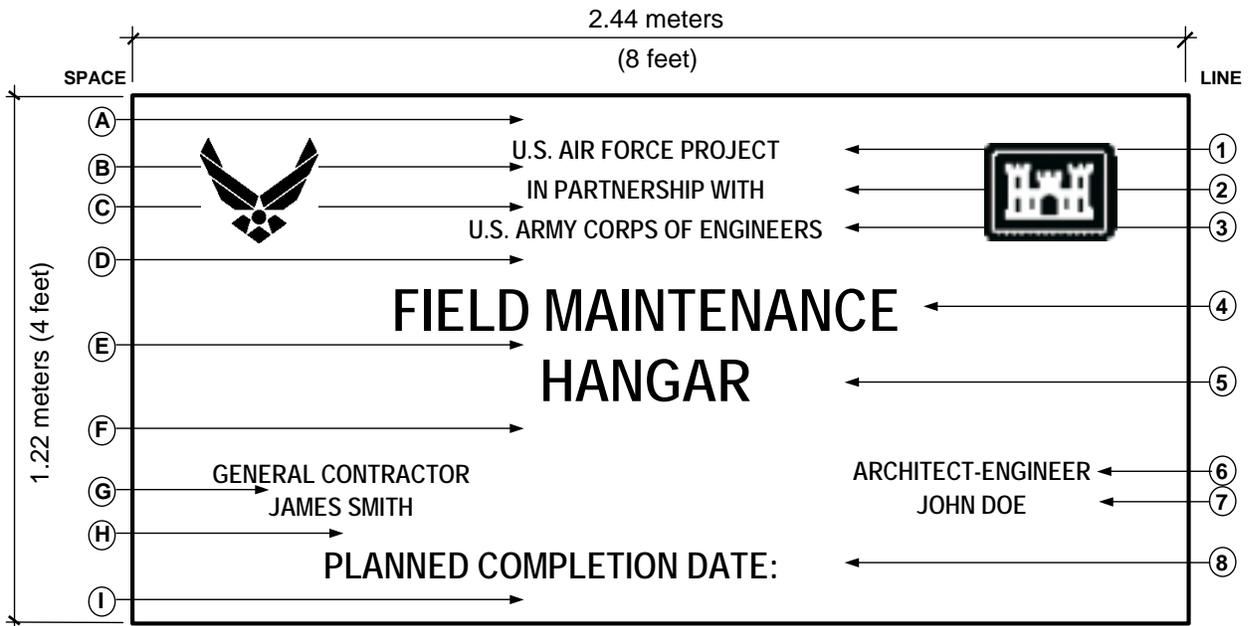
### 6. Requirements.

**6.1.** A construction sign is required for all MILCON projects. Exceptions may be made for security or host nation restrictions. MAJCOMs have the option to require signs on non-MILCON projects as prescribed in AFPAM 32-1097, *Sign Standards Pamphlet*.

**6.2.** The host MAJCOM must provide the sign colors and details to the design manager in the Requirements and Management Plan (RAMP). The design manager must ensure the design agent includes the details and contractor duties concerning the sign in the contract before advertising the project.

**6.3.** The contractor must furnish the sign, maintain the sign during construction, and remove the sign from the job site upon completion of the project.

**6.4.** Details of sign graphics and construction are shown in Figure 1. Construct the sign using a 1.22-meter by 2.44-meter by 13-millimeter (4-foot by 8-foot by 0.5-inch) thick sheet of grade-AC exterior plywood.



Space	Height	Line	Description	Letter Height	Stroke
A	102 mm (4 in)	1	U.S. AIR FORCE PROJECT	38 mm (1.5 in)	5 mm (0.1875 in)
B	51 mm (2 in)	2	IN PARTNERSHIP WITH	38 mm (1.5 in)	5 mm (0.1875 in)
C	51 mm (2 in)	3	U.S. ARMY CORPS OF ENGINEERS	38 mm (1.5 in)	5 mm (0.1875 in)
D	127 mm (5 in)	4	PROJECT NAME	102 mm (4 in)	13 mm (0.5 in)
E	76 mm (3 in)	5	PROJECT NAME CONT'D (IF REQUIRED)	102 mm (4 in)	13 mm (0.5 in)
F	127 mm (5 in)	6	GENERAL CONTRACTOR/A-E	38 mm (1.5 in)	5 mm (0.1875 in)
G	25 mm (1 in)	7	GENERAL CONTRACTOR/A-E	38 mm (1.5 in)	5 mm (0.1875 in)
H	102 mm (4 in)	8	PLANNED COMPLETION DATE	63 mm (2.5 in)	6 mm (0.25 in)

**Figure 1. Construction Sign Example**

**6.5.** Paint the sign with one coat of primer paint followed by two coats of gloss exterior-type enamel paint. The color must be either Standard Blue 15090 or Standard Brown 10100 as specified in Federal Standard (FED-STD) 595B, *Colors*, Volume 1. Lettering is to be as shown in Figure 1 in white gloss, exterior-type enamel.

**6.6.** The message and graphic must be as shown in Figure 1, with the following exceptions (if applicable):

**6.6.1.** Projects managed by the Navy should substitute "NAVAL FACILITIES ENGINEERING COMMAND" for line 3.

**6.6.2.** The appropriate Navy seal of similar size may be used at the location of the USACE graphic.

**7. Point of Contact:** Recommendations for improvements to this ETL are encouraged and should be furnished to: HQ AFCEE/DCD, 8004 Arnold Drive, Brooks AFB, 78235-5361, Attention: Mr. Randy Lierly, DSN: 240-4208, commercial (210) 536-4208, FAX DSN 240-9004, e-mail [randall.lierly@brooks.af.mil](mailto:randall.lierly@brooks.af.mil).

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