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
4.2. Federal Standard (FED-STD):

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

5. Acronyms and Terms.

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<tr>
<th>Acronym</th>
<th>Definition</th>
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<tr>
<td>AFI</td>
<td>Air Force Instruction</td>
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<td>AFPAM</td>
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<td>AFPD</td>
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<td>BCE</td>
<td>base civil engineer</td>
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<td>ETL</td>
<td>Engineering Technical Letter</td>
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<td>in</td>
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<td>MAJCOM</td>
<td>major command</td>
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<td>MILCON</td>
<td>military construction</td>
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<td>mm</td>
<td>millimeter</td>
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<tr>
<td>RAMP</td>
<td>Requirements and Management Plan</td>
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<tr>
<td>USACE</td>
<td>U.S. Army Corps of Engineers</td>
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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.
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.

MICHAEL J. COOK, Colonel, USAF 1 Atch
Director of Technical Support 1. Distribution List
DISTRIBUTION LIST

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PO Box 660320
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SPECIAL INTEREST ORGANIZATIONS

IHS (A.A. DeSimone)        (1)  Construction Criteria Database  (1)
1990 M Street NW, Suite 400
Washington DC 20036

National Institute of Bldg Sciences
1201 L Street NW, Suite 400
Washington DC 20005