

### **4-1.3 DECISION NO. D-3**

#### **CAD STANDARD DRAWINGS AND REQUIREMENTS**

##### **Issue:**

The effective use of Computer-Aided Design (CAD) in architecture, engineering, and facilities management depends on sharing graphic information. However, shared graphics in building design requires standards be developed for organizing information in CAD drawings. For example, architectural CAD floor plans serve as a general purpose background for mechanical and electrical system drawings. As a result, symbols and details need to be standardized on all drawings. Area offices also need copies of drawings in electronic form, so "as built" drawings can easily be maintained.

##### **Decision:**

CAD Layer Guidelines Recommended Designations for Architecture, Engineering, and Facility Management Computer-Aided Design, published by The American Institute of Architects (AIA), copyright 1990, is approved as IHS standard.

Effective immediately, guidelines in this document will be used.

##### **Reference:**

The CAD guidelines are incorporated in the Technical Handbook for Environmental Health and Engineering, Volume III, Part 21, Chapter 21-13, by reference only. Copies of CAD Layer Guidelines can be obtained, for a fee, from the American Institute of Architects Press, 1735 New York Ave. NW, Washington, D.C. 20006.

Adopted by HFAC on April 7, 1993.

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