INTERNATIONAL ORGANIZATION FOR STANDARDIZATION •МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ •ORGANISATION INTERNATIONALE DE NORMALISATION

Building and civil engineering drawings — Representation of areas on sections and views — General principles

Dessins de bâtiment et de génie civil — Représentation des surfaces sur des coupes et des vues — Principes généraux

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UDC 744.43 : 69/72 Ref. No. ISO 4069-1977 (E)

Descriptors: architecture, buildings, civil engineering, engineering drawings, surfaces.

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 4069 was developed by Technical Committee VIEW ISO/TC 10, Technical drawings, and was circulated to the member bodies in August 1976.

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It has been approved by the member bodies of the following countries:

ISO 4069:1977

Australia Germany dards. iteh. ai/catalop/standards/sist/339f28a7-a147-48b4-9a62-

Austria India e7797acRomaniao-4069-1977

BelgiumItalySwedenBulgariaKorea, Rep. ofSwitzerlandCanadaMexicoTurkey

Chile Netherlands United Kingdom

Finland New Zealand U.S.S.R. France Norway Yugoslavia

The member body of the following country expressed disapproval of the document on technical grounds:

Czechoslovakia

Building and civil engineering drawings - Representation of areas on sections and views — General principles

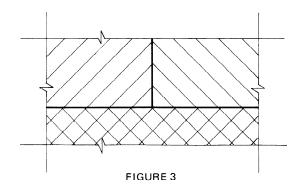
1 SCOPE AND FIELD OF APPLICATION

This International Standard establishes general rules for representation of areas on sections and views on building and civil engineering drawings.

It does not include indications for specific materials.



ISO 128, Technical drawings — Principles of presentation. 1)

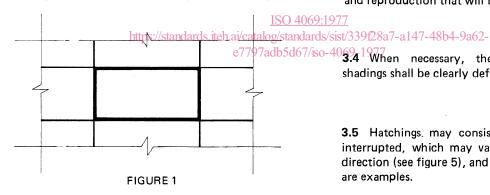


3 RULES

Геh SТ

3.1 The principal areas shall be emphasised by thicker outlines, if the sections or views of a drawing are not sufficiently clear from the primary lines (see figure 1).

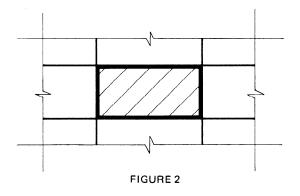
3.3 Before choosing an appropriate hatching or shading, consideration shall be given to the methods of production and reproduction that will be used.

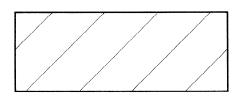


e7797adb5d67/iso-403.4 When necessary, the meaning of hatchings and shadings shall be clearly defined.

> 3.5 Hatchings, may consist of thin lines, continuous or interrupted, which may vary in spacing (see figure 4), in direction (see figure 5), and shape (see figure 6). The figures are examples.

3.2 If this method (3.1) would prove inadequate, simple types of hatching or shading shall be employed (see figures 2 and 3).





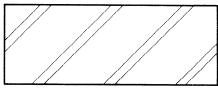


FIGURE 4

¹⁾ At present at the stage of draft. (Revision of ISO/R 128-1959.)

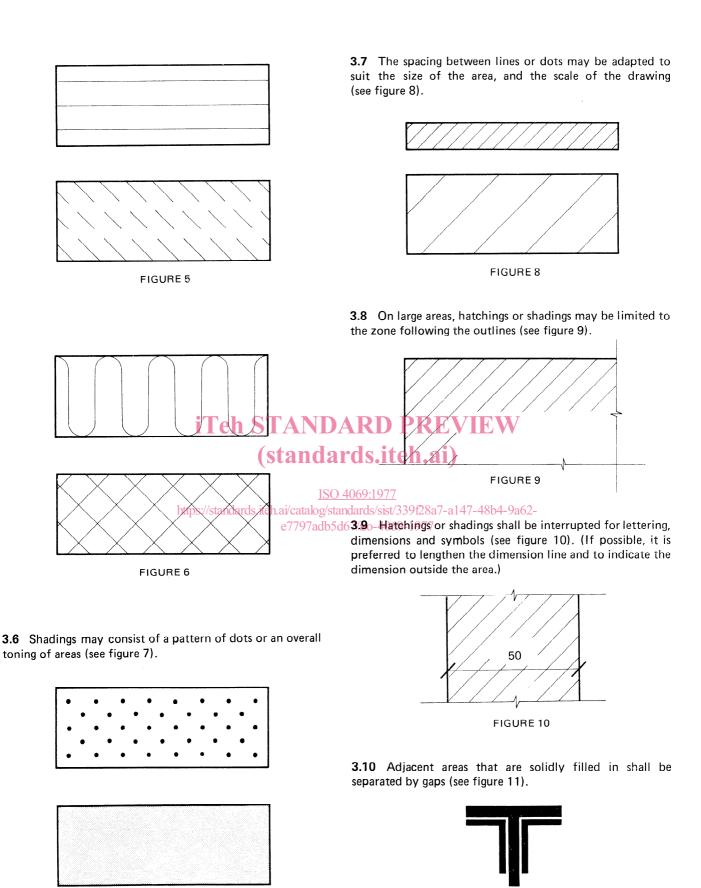


FIGURE 11

FIGURE 7