
INTERNATIONAL STANDARD



4069

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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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FOREWORD

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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 ISO/TC 10, *Technical drawings*, and was circulated to the member bodies in August 1976.

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

Australia	Germany	Poland
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Belgium	Italy	Sweden
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Canada	Mexico	Turkey
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.

2 REFERENCE

ISO 128, *Technical drawings – Principles of presentation*.¹⁾

3 RULES

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).

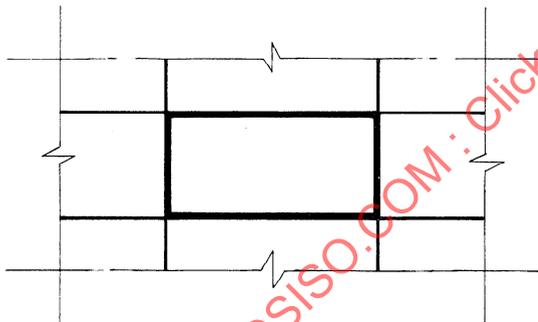


FIGURE 1

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

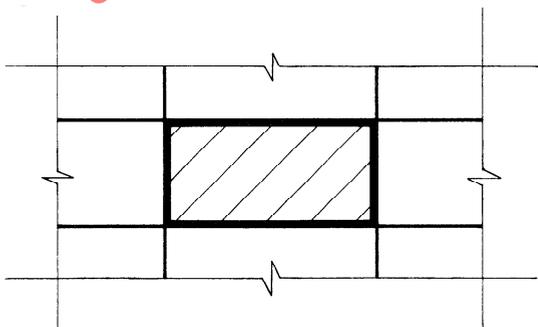


FIGURE 2

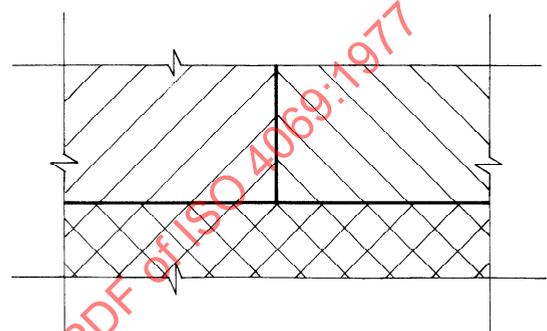


FIGURE 3

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

3.4 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.

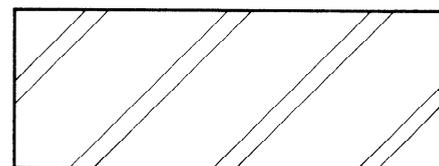
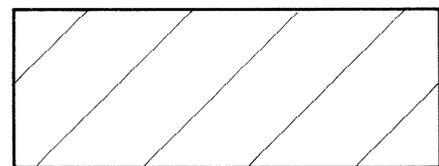


FIGURE 4

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