
**Technical drawings — General principles of
presentation —**

Part 23:

Lines on construction drawings

Dessins techniques — Principes généraux de représentation —

*Partie 23: Traits utilisés dans la documentation de construction et de génie
civil*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 128-23 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*, Subcommittee SC 8, *Construction documentation*.

This first edition is based on ISO 128:1982, clause 3, and it replaces the rules specified in that clause.

ISO 128 consists of the following parts, under the general title *Technical drawings — General principles of presentation*:

- *Part 20: Basic conventions for lines*
- *Part 21: Preparation of lines by CAD systems*
- *Part 22: Basic conventions and applications for leader lines and reference lines*
- *Part 23: Lines on construction drawings*
- *Part 24: Lines on mechanical engineering drawings*
- *Part 25: Lines on shipbuilding drawings*
- *Part 30: Basic convention for views*
- *Part 50: Basic conventions for representing areas on cuts and sections*

NOTE Further parts of ISO 128 are planned, covering other general principles of presentation including those for application of lines within drawings of various technical fields.

Annex A of this part of ISO 128 is for information only.

Introduction

The basic conventions and the application of lines in respect to other fields of drawing practice are presented in other parts of ISO 128 since requirements in industry vary considerably. For further information, see ISO 128-20.

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Technical drawings — General principles of presentation —

Part 23: Lines on construction drawings

1 Scope

This part of ISO 128 specifies types of lines and their application in construction documentation comprising architectural drawings, structural engineering drawings, building service engineering drawings, civil engineering drawings, landscape drawings and town planning drawings.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 128. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 128 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 128-20:1996, *Technical drawings — General principles of presentation — Part 20: Basic conventions for lines.*

ISO 129:1985, *Technical drawings — Dimensioning — General principles, definitions, methods of execution and special indications.*

ISO 3766:1995, *Construction drawings — Simplified representation of concrete reinforcement.*

ISO 4068:1978, *Building and civil engineering drawings — Reference lines.*

ISO 4069:1977, *Building and civil engineering drawings — Representation of areas on sections and views — General principles.*

ISO 4463-1:1989, *Measurement methods for building — Setting-out and measurement — Part 1: Planning and organization, measuring procedures, acceptance criteria.*

ISO 6428:1982, *Technical drawings — Requirements for microcopying.*

ISO 7519:1991, *Technical drawings — Construction drawings — General principles of presentation for general arrangement and assembly drawings.*

ISO 8048:1984, *Technical drawings — Construction drawings — Representation of views, sections and cuts.*

ISO 8560:1986, *Technical drawings — Construction drawings — Representation of modular sizes, lines and grids.*

ISO 11091:1994, *Construction drawings — Landscape drawing practice.*