

Australian Standard™

**Technical drawings—General principles
of presentation**

Part 23: Lines on construction drawings



**STANDARDS
AUSTRALIA**

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PREFACE

This Standard was prepared by the Standards Australia Committee ME-072, Technical Drawings.

This Standard is identical with and reproduced from ISO 128-23:1999, *Technical drawings—General principles of presentation, Part 23: Lines on construction drawings*.

This Standard is Part 23 of the AS ISO 128 series, *Technical drawings—General principles of presentation*, as follows:

AS ISO

| | |
|--------|----------------------------------------------------------------------------------|
| 128 | Technical drawings—General principles of presentation |
| 128.1 | Part 1: Introduction and index |
| 128.20 | Part 20: Basic conventions for lines |
| 128.21 | Part 21: Preparation of lines by CAD systems |
| 128.22 | Part 22: Basic conventions and applications for leader lines and reference lines |
| 128.23 | Part 23: Lines on construction drawings (this Standard) |
| 128.24 | Part 24: Lines on mechanical engineering drawings |
| 128.25 | Part 25: Lines on shipbuilding drawings |

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|--------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------|
| ISO | | AS ISO | |
| 128 | Technical drawings—General principles of presentation | 128 | Technical drawings—General principles of presentation |
| 128-20 | Part 20: Basic conventions for lines | 128.20 | Part 20: Basic conventions for lines |
| 129 | Technical drawings—Dimensioning—General principles, definitions, methods of execution and special indications | — | |
| 3766 | Construction drawings—Simplified representation of concrete reinforcement | — | |
| 4068 | Building and civil engineering drawings—Reference lines | — | |
| 4069 | Building and civil engineering drawings—Representation of areas on sections and views—General principles | — | |
| 463 | Measurement methods for building—Setting-out and measurement | — | |
| 463-1 | Part 1: Planning and organization, measuring procedures, acceptance criteria | — | |
| 6428 | Technical drawings—Requirements for microcopying | — | |
| 7519 | Technical drawings—Construction drawings—General principles of | — | |

| <i>Reference to International Standard</i> | | <i>Australian Standard</i> |
|--------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------|
| ISO | presentation for general arrangement and assembly drawings | AS ISO |
| 8048 | Technical drawings—Construction drawings—Representation of views, sections and cuts | — |
| 8560 | Technical drawings—Construction drawings—Representation of modular sizes, lines and grids | — |
| 11091 | Construction drawings—Landscape drawing practice | — |

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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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AUSTRALIAN STANDARD

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 7519:1981, *Technical drawings — Construction drawings — General principles of presentation for general arrangements and assembly drawings.*

ISO 8018:1984, *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.*