AS 1100.301—2008

Australian Standard®

Technical drawing

Part 301: Architectural drawing

This Australian Standard® was prepared by Committee ME-072, Technical Drawing. It was approved on behalf of the Council of Standards Australia on 17 September 2008.
This Standard was published on 2 December 2008.

The following are represented on Committee ME-072:

- Australian Institute of Quantity Surveyors (AIQS)
- Department of Defence (Australia)
- Department of Employment and Technical and Further Education, SA
- Engineers Australia
- Master Builders Australia
- TAFE NSW
- University of Adelaide
- University of Melbourne
- University of New South Wales
- University of South Australia

This Standard was issued in draft form for comment as DR 08023.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

Keeping Standards up-to-date

Australian Standards® are living documents that reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued.

Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments that may have been published since the Standard was published.

Detailed information about Australian Standards, drafts, amendments and new projects can be found by visiting www.standards.org.au

Standards Australia welcomes suggestions for improvements, and encourages readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.org.au, or write to Standards Australia, GPO Box 476, Sydney, NSW 2001.

Australian Standard®

Technical drawing

Part 301: Architectural drawing

First published as AS 1100.13—1978 and AS 1100.301 Supp 1—1986.
AS 1100.13—1978 revised and redesignated AS 1100.301—1985.
AS 1100.301—1985 and AS 1100.301 Supp 1—1986, amalgamated,
revised and redesignated AS 1100.301—2008.

Published by Standards Australia GPO Box 476, Sydney, NSW 2001, Australia

ISBN 0 7337 8956 0

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME-072, Technical Drawing, to supersede AS 1100.301—1985, *Technical Drawing*, Part 301: *Architectural drawing*, and AS 1100.301 Suppl 1—1986, *Architectural drawings* (Supplement to AS 1100.301—1985).

The objective of this Standard is to provide architects, builders, drafting officers and others in the building industry with a common method for the representation of buildings and their components to enable the preparation and unambiguous interpretation of architectural drawings.

This Standard is Part 301 of a series dealing with technical drawings, which is comprised of the following:

AS	
1100	Technical drawing
1100.101	Part 101: General principles
1100.201	Part 201: Mechanical engineering drawing
1100.401	Part 401: Engineering survey and engineering survey design drawing
1100.501	Part 501: Structural engineering drawing

Reference to AS 1100.101 is required for the source, definition and basic requirements of some of the contents of this Standard.

In the preparation of this Standard, the committee took account of the recommendations of the International Organization for Standardization.

Acknowledgment is made of the example drawings provided by a number of students in the Faculty of Design, Architecture and Building at the University of Technology, Sydney.

The previous edition outlined differences in practice between Australia and New Zealand in the conventions for representing hinged doors and windows. In this revision, a single convention has been adopted. The adopted convention was chosen because it is the most widely used convention internationally. At present, there is no convention for hinged windows and doors in the International Organization for Standardization (ISO). A proposed convention is shown in Section 4.

In addition to relevant international Standards listed in AS 1100.101, this Standard is in agreement with the following international Standards:

ISO	
4067-2	Building and civil engineering drawings—Installations, Part 2: Simplified representation of sanitary appliances
4068	Building and civil engineering drawings; Reference lines
6284	Tolerances for building—Indication of tolerances on building and construction drawings
7518	Technical drawings—Construction drawings—Simplified representation of demolition and rebuilding
8560	Technical drawings—Construction drawings—Representation of modular sizes, lines and grids

CONTENTS

Page

STANDARDS AUSTRALIA

Australian Standard
Technical drawing

Part 301: Architectural drawing

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard sets out requirements and recommendations for architectural drawing practice. It is complementary to AS 1100.101.

This Standard indicates methods of presenting drawings of architectural work, before, during and after the construction period.

The Standard includes information on abbreviations (additional to those in AS 1100.101), the layout of drawing sheets, line conventions and conventions for the cross-referencing of drawings, coordinates and grids.

NOTE: Examples of drawings are given in Appendix C.

1.2 APPLICATION

The principles given in this Standard are intended for adoption by architects, engineers, drafters and builders in both Government agencies and private enterprise throughout Australia.

The Standard is intended as a basis for common practice and consistency of application, upon which technical organizations can base their own detailed rules or manuals for the preparation and presentation of drafting work.

The application of this Standard may require reference to AS 1100.201, AS 1100.401 AS 1101.501 and AS/NZS 1102.111.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS
1100 Technical drawing
1100.101 Part 101: General principles
1100.201 Part 201: Mechanical engineering drawing
1100.401 Part 401: Engineering survey and engineering survey design drawing
1100.501 Part 501: Structural engineering drawing

1101 Graphic symbols for general engineering
1101.5 Part 5: Piping, ducting and mechanical services for buildings

2700S Colour standards for general purposes

AS ISO
1000 The international system of units (SI) and its application

AS/NZS
1102 Graphical symbols for electrotechnology
1102.111 Part 111: Architectural and topographical installation plans and diagrams

AS 1100.301-2008 Technical drawing - Architectural drawing