AS 1100.301—2008
(Incorporating Amendment No. 1)
Reconfirmed 2018

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.
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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

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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.

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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).

This Standard incorporates Amendment No. 1 (May 2011). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

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.

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The 2008 edition of AS 1100.301 outlined differences in practice between Australia and New Zealand in the conventions for representing hinged doors and windows. That revised convention for Australia was chosen because it is commonly used in some overseas countries. However, this change in convention has not been accepted by the Australian community. Consequently, the convention in Australia for representing hinged doors and windows will now revert to that which existed prior to the 2008 edition of AS 1100.301 and as was shown in AS 1100.301—1985 and its supplement AS 1100.301 Supp 1—1986. There is no change to the New Zealand convention. A single convention now applies to both Australia and New Zealand.

Due to these changes, where necessary and especially with plans and/or documents that did or do relate to AS 1100.301—2008, systems should be put in place, in a timely manner, so as to avoid any misunderstanding when interpreting those or subsequent plans and/or documents.

At present, there is no convention for hinged windows and doors in International Standards. Many regions of the world have historically developed their own nomenclature, conventions and symbols that relate to architectural drawings and building works. It is thought that due to such a situation, a worldwide International Standard covering such items will not be possible and that regional or national areas will continue to use their own nomenclature, conventions and symbols.

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

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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