

Date:	March 2021
Subject:	T13 Specification (CADD Manual). Clarifications to spec and AutoCAD support files.
Notes:	<p>This document outlines the contents of each directory contained within the download file. The contents are intended to assist consultants etc. provide drawing details in accordance with the Departments CADD specification.</p> <p>The contents are currently limited to AutoCAD support files and additional documentation to help clarify the intent of the Specification.</p> <p>State Roads has limited technical staff and is not in a position to develop support files for a full suite of CADD design software packages.</p> <p>As of 2020, State Roads has progressively reviewed its Professional Services Specifications and associated documentation.</p> <p>The existing T13 Specification was primarily based on the RTA CADD Manual from 2004. It is acknowledged it's require attention to be brought up to a contemporary standard.</p> <p>Once revised and re-issued, it is intended that most of the information in the directories is incorporated within the Specification as appropriate. A revised specification will be communicated to Consultants, and is likely to seek feedback / consultation from a number of stakeholders.</p>
Directory Details:	<p><u>0. Templates</u></p> <p>The contents of this directory were created for use within State Growth in order to meet the functional requirements of T13. They are not intended to meet consultant's company standards or customisations, particularly in regards to general annotation / sheet sets etc. They do not generally include Survey and Design features.</p> <p>These include templates that were not initially provided, including roll plans and a base templates that are close to the Tasmanian Government Style Guide.</p> <p><u>1. Title Sheets</u></p> <p>Contains blocks for A3 drawing sheets (including cover) and roll plans for concept stage drawings. Also includes A1 sheets, though these are used for documentation by expectation. Different versions allow for users that use sheet sets (contain fields) and those that do not (block attributes). <u>The cover sheets have been altered to meet the requirements outlines in Contract 2200 ATC No 73.</u></p> <p><u>2. Legends</u></p> <p><i>Contains the Survey and Design Legends in AutoCAD format, which contain all blocks, layers, linetypes etc. One version contains sample sheets to be used One version has no drawing elements and the other was used to derive legends provided as PDF.</i></p> <p>Also contains the AutoCAD drawing versions of various legends / diagrams (to be) included in an updated Specification.</p> <p><u>3. Plot Styles</u></p> <p>Contains plot style files that ensure legends / line types produce prints / PDF in accordance with the Specification. Includes both colour and black & white versions</p> <p>Note:</p> <p>To plot at A3 from an A3 drawing use A3 plot style at 1:1. To plot at A1 / roll plan from an A1 / roll plan drawing use A1 plot style at 1:1. To plot at A3 from an A1 drawing use A3 plot style at 1:2. To plot at A1 from an A3 drawing use A1 plot style at 2:1.</p> <p><u>4. DIER XSec Symbols</u></p> <p>Single AutoCAD files (wblocks) for all cross section annotation symbols. Also contained in Survey and Design legends.</p>

5. Misc Additional Blocks

Sign Symbols Directory

Directory contains black & white and colour versions of symbols currently used on sign face design; noting these may be different from Australian Standards.

Files include:

- a) Brackets, direction arrows & national shields as per Stage Growth Standard Drawings
- b) Tourist Symbols and Shields
- c) Word document outlining the tourist symbols and shields.

Files in the primary directory include:

- a) Line marking identification codes (annotation) – also in survey and design legend.
- b) North Points – also in survey and design legend
- c) Standard Notes – for layout view
- d) Scale Bars – for layout view and defined for preferred drawing scales in the specification. Insertion point is the lower left corner of the space containing the drawing scale in standard title sheets.

6. Updated Appendices - PDF

Contains PDF versions of all legends contained in Directory 2.

Intended to be provided as Appendices to T13.

7. Advice to Consultants

Contains ATC's relevant to the Specification issued under Professional Services Contracts 1280 & 2220.

Contains a document potential sheet numbering for drawings. Note that a single drawing registration number and the first three lines of the title block is supposed to be issued to consultants; with the allocation of types of drawings and their respective sheet numbers to be determined depending on the size of the project. Sheet numbers are not necessarily continuous from 0001 onwards; i.e. there might be gaps.

ATC CONTRACT 1280 - ATC 42 - T13 - CADD Manual - Title Block - Amendment Description provides advice on revision numbers at various design stages.