



Pending Amendments to Clauses in the Griffith University Design Guidelines & Procedures Version 21

Note: Latest amendments are shown in 'green' text

Section 27.00 Post Construction Responsibilities of Consultants & Contractors

27.04 Operating & Maintenance Manuals

Amend the third paragraph as follows;

The manuals shall be submitted to the Superintendent in electronic format, and they shall be grouped into a single PDF file for each discipline corresponding to the list provided on Standard Drawing GSD-001C. The PDF file shall be fully searchable and bookmarked according to the Section index. Refer to **Section 32.00** for a Operating & Maintenance Manual template. A PDF file of this template shall be requested from and provided by the Superintendent. All PDF files shall be unlocked, and not secured or restricted in any form.

27.05 'As Constructed' Drawings

Amend or add to text in the 'Content of Drawings' column of the table as follows;

Discipline	Minimum Content of Drawings
General Site Information	All in-ground services reticulation and external installation including electrical, lighting, fire hydrants, sewerage, water, stormwater, chilled water, gases, communications and data. Connection details to existing infrastructure and invert levels of gravity fall pipework
Architectural	Finishes and joinery drawings
Structural	Design criteria, framing plans & structural details
Civil	Road and pathway works, road related signage
Fire services	Pipework layout and schematic diagrams for all fire fighting systems including fire hydrants, fire hose reels, sprinklers and inert gas flooding systems.
	Block diagrams for fire hydrant/booster and automatic fire alarm systems.
Landscaping	Furniture items

Section 29.00 Design Procedures for Consultants & Contractors

29.11 Documentation Format

Amend first line of third paragraph to read;

The Consultant or Contractor shall submit to the Superintendent a copy of all

Amend first line of fourth paragraph to read;

Specifications shall be provided to the Superintendent in MS Word format,

29.12 Technical requirements for CAD Drawings

Delete the words 'issued in Electronic Format' from the above clause heading

Delete the last sentence of the first paragraph commencing 'The model file should be', and ending with '.....in BIM production.'

Add the following new paragraphs;

The 'As Constructed' BIM model files shall;

- a. be on AHD levels, shared common coordinates and true North orientation,
- b. include all drawing plot sheets corresponding to the 'As Constructed' set of PDF drawing files,
- c. include all linked models and files (such as site, landscaping, fit-out etc.) in the model package,
- d. include all equipment/materials schedules used for construction,
- e. include all set-out reference grid lines, and
- f. be cleared of all extraneous 'scrap' or 'working space' layers, stories, abandoned designs, object creation and testing spaces, empty layers or otherwise redundant content produced during BIM production.

If any BIM model is not done in rvt. Format, the native model file and an .ifc format of the 'As Constructed' model file shall be provided. The federated model shall also be submitted if being used in the project.

Amend the existing second (new fourth) paragraph as follows:

The Consultant or Contractor shall submit a test sample of the CAD files at the commencement of the project

Amend the wording of the second dot point of the existing second (new fourth) paragraph to read:

- CAD drawings shall include all the information necessary to view, plot and edit the drawings,

Section 32.00 Standard Forms

Add the following Standard Form as a dot point;

- Operating & Maintenance Manual Template