Survey Report

A survey report can be considered one of the most important parts of a CSD. It can provide the thoughts and assessments of the surveyor conducting the work. Good reporting gives future users of the CSD a better insight into the what, how, and why for any determinations that were reached.

Did you know surveyors have been generating survey reports since 1879? However, these early reports were often very brief and pre 1920, they are particularly scarce. Survey reports were not supplied for every plan as they were not compulsory until the commencement of the 1972 Survey Regulations, 9(4).

Today survey reports are required by rule, with additional pre-validation requirements found in the <u>Standard for lodgement of cadastral survey datasets</u>.

One of the most useful sections is the reporting on definition. Rule 8.2(a)(ix) requires the reasons for, and details of decisions made regarding each existing boundary defined by survey, and the information considered in order to reach those decisions. Just stating that all boundaries were defined by survey is insufficient. It gives no insight to future users.

Below are listed some resources to help with documenting useful information in a survey report.

There are two very useful articles in the KnowledgeBase:

KB 763 - Survey Report

KB 855 - Tips for compliance with Rule 8.2

The survey report templates, both the Word/PDF document and the Automated Survey Report template, include guidance on completing the questions and comments in a useful way. A review of copies with the included notes, including a read of the 'hover over' comments in the Automated Survey Report, can help refresh our knowledge.

Survey Report template:

SURVEY REPORT TEMPLATE GUIDE

To support cadastral survey dataset lodgements.

This survey report template has been prepared to assist surveyors lodge compliant datasets that can be readily validated by LINZ staff.

The following link provides additional information to assist with compliance: http://www.linz.govt.nz/land/surveying/csd-preparation/common-survey-requisition-items

Additional information is provided against the report template headings as a guide to assist surveyors who wish to customise their own survey reports into a standard form.

When developing customised reports please retain a similar heading sequence to aid validation.

The following table cross references mandatory reporting requirements of the Rules and the Lodgement Standard with the related headings in this Survey Report Template.

Changes in this version are shown in RED

Rules for Cadastral Survey 2010 - Rules 8.2, 16.5(a), 17.2(a)& 18.4			Report Template Heading	
(<u>i</u>)	the purpose for which the survey was conducted	2	Survey Purpose and Type	
(ii)	the basis for determining the orientation of bearings	6	Datums and Orientation	
(iii)	the basis for any bearing adjustment applied to an adopted bearing or scale adjustment applied to an existing distance	7	Bearing and Scale Adjustments	

Figure 1: Example of the notes found in the Word/PDF template

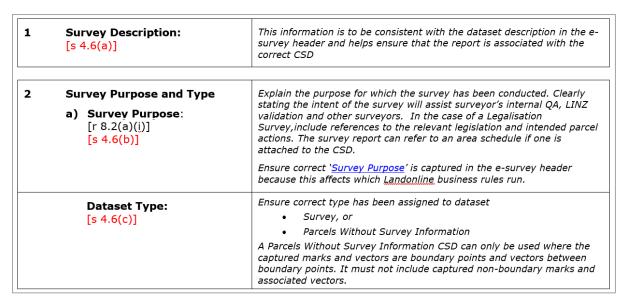


Figure 2: Example of the notes found in items 1 and 2 of the report template

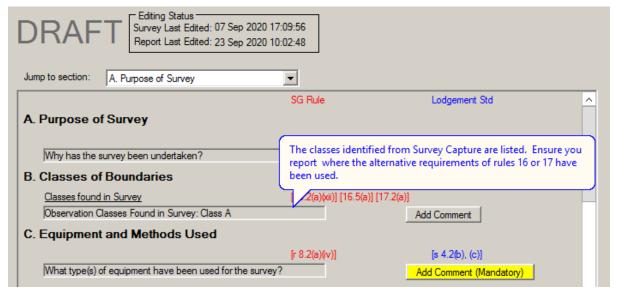


Figure 3: Screen shot showing a guidance note provided when hovering over the item in the Automated Survey Report

Also see Rule 8.2 and Lodgement Standard 7.

Rules for Cadastral Survey 2010 - 8.2 Survey Report

Standard for lodgement of cadastral survey datasets - LINZS70000

The Survey Report helps convey insight into the surveyors thinking and considerations at the time of survey. It gives future users an outline of items considered, assessments made and a record of decisions reached. A conscientious report is considered good survey practice and will be very useful in the future.