

Victorian Cadastral Surveys Practice Directives – July 2018



Colin Hall LS
Neville Brayley LS
Aug, Sept & Oct 2018



Environment,
Land, Water
and Planning

The previous Surveyor-General's Practice Directives are now titled:

Victorian Cadastral Surveys Practice Directives
and came into effect on 27 July 2018.

Licensed Surveyors and PTA Candidates were all advised by the SRBV secretariat.

Available at:

www.propertyandlandtitles.vic.gov.au/surveying > Advice and guidelines

Examples and templates were removed from the 2014 directives to permit minor changes whilst avoiding the publishing of new editions.

It is recommended surveyors use the links rather than download examples. This will ensure the examples are always up to date.

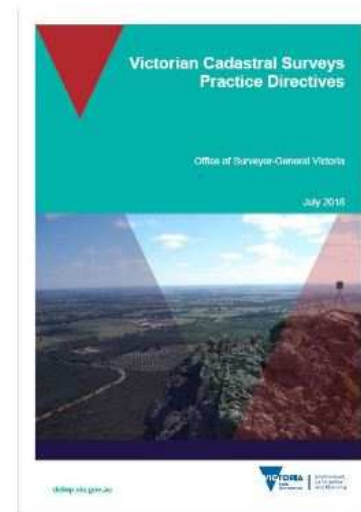
Advice will be provided to licensed surveyors and PTA candidates of amendments, alterations and additions to the linked items.

Victorian Cadastral Surveys Practice Directives

Meeting legislative requirements when undertaking cadastral surveys in Victoria.

▶ Victorian Cadastral Surveys Practice Directives

- Survey practice handbook
- Ambulatory boundaries
- Re-establishment principles
- Survey audit program
- Original plans and title plans templates
- Abstract of field records template formats





Links, Examples and Templates

[Victorian Cadastral Surveys Practice Directives, July 2018 \(PDF, 424.8 KB\)](#)

[Victorian Cadastral Surveys Practice Directives, July 2018 \(DOCX, 2.1 MB\)](#)

The following documents are examples of the various types of survey documents discussed in the practice directives and routinely prepared by licensed surveyors in Victoria. They provide guidance for the level of information and the standard of presentation that is expected for survey documents lodged at Land Use Victoria.

[Record of having re-established a cadastral boundary \(PDF, 367.2 KB\)](#)

[Abstract of field records - 'traditional' \(PDF, 114.3 KB\)](#)

[Abstract of field records - 'alternative' i.e. GNSS \(PDF, 140.5 KB\)](#)

[Supplementary abstract of field records \(PDF, 386.7 KB\)](#)

[Licensed surveyor's report template \(DOCX, 18.2 KB\)](#)

[Licensed surveyor's report - staged estates - example 1 \(PDF, 211.4 KB\)](#)

[Licensed surveyor's report - staged estates - example 2 \(PDF, 627.4 KB\)](#)

[Licensed surveyor's report - staged estates - example 3 \(PDF, 385.5 KB\)](#)

[Listing of Special Descriptions](#)

[Special Descriptions \(PDF, 163.4 KB\)](#)

Further information

For location and contact details, visit [contact us](#).



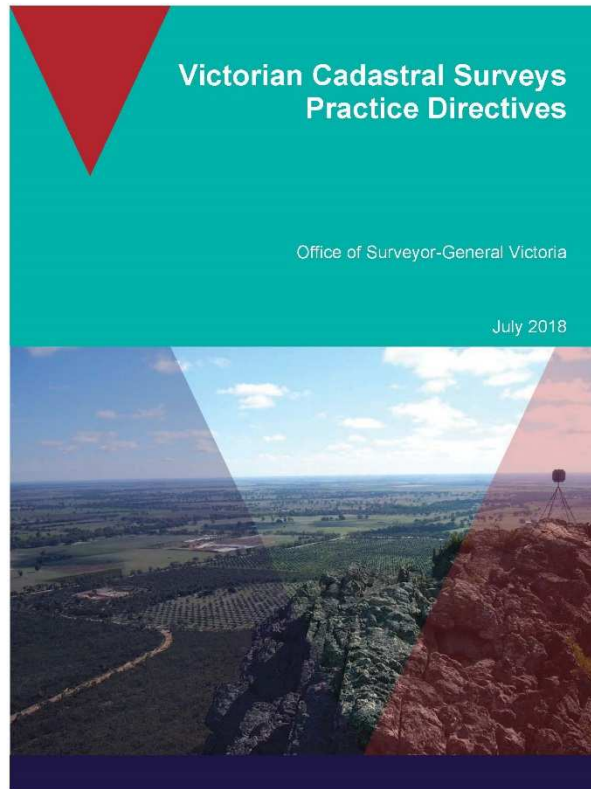
Using links 'inside' the VCSPD

Best results in the VCSPD “.docx” file

To link hold down the “Ctrl” button and right mouse click

- **You will be directed to the relevant webpage**
- **Generally, the VCSPD webpage with all the examples and templates**

Revision History?



delwp.vic.gov.au



Environment,
Land, Water
and Planning

Revision History

No revision history yet.
This page will be populated in future editions.

Report produced by:
Office of Surveyor-General Victoria
Land Use Victoria
Department of Environment, Land, Water and Planning
Phone (03) 9194 0282
Website: www.propertyandtitles.vic.gov.au/surveying



What's new or different – a summary

- 1.1 OSGV contact**
- 2.2 Transition to MGA2020**
 - Clarification of 500m for SCN connection**
 - 2.3.1 Submission of GNSS data to OSGV**
 - 2.3.2 GNSS techniques (RTK and Static) removed**
 - 2.3.3 Recommended observation times for GNSS**
 - 2.3.5 Ground distance for GNSS SCN connection**
 - 200m GNSS baseline removed**
 - 2.5.2 Relevance of SCN connection to DCM**
 - 2.6.2 PMs and PCMs listed on all survey documents**
 - 2.7 Clear indication of MGA2020 or MGA94**
- 3 Line marks no more than 200m**
 - Reasons for non-marking in LS report**



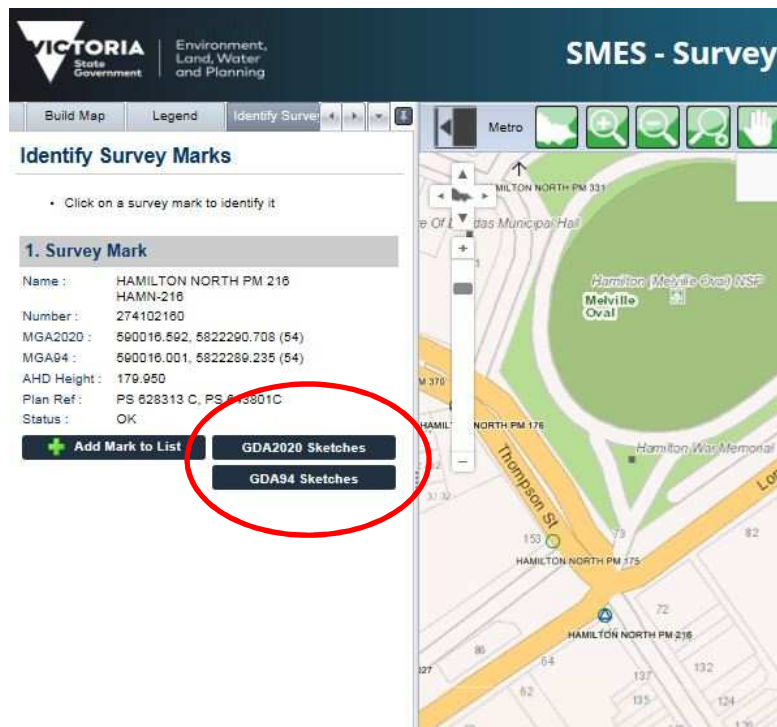
What's new or different – a summary (cont.)

- 4** **RE Plans lodged through SPEAR**
Differences between title and survey to be noted
No qualifiers or disclaimers
New example
- 5.1** **Licensed Surveyor's Report title**
New template
- 5.4** **EDM calibration directives now included in the LS report section**
Non-traditional (eg. GNSS) survey techniques
- 5.5** **Crown / Special descriptions**
- 6.1.2** **New 'currency' amendments notation (SPEAR friendly)**
Survey >5yrs must have new abstract
- 6.3** **New 'traditional' abstract example**
New 'alternative' non-traditional abstract example
Supplementary abstract example
- 8** **10" precision for bearings on all lengths >30m**

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Email: surveyor.general@delwp.vic.gov.au

Previously the Deputy Surveyor-General
with direct phone line and email.
Now general office phone and email

2.2 MGA2020 preferred



Must state the ZONE

| | | | | | | |
|----------------|-------------------|-----------|-------------------------|-----------------------|----------------------|----------------|
| | | | | HAMILTON NORTH PM 216 | | |
| Nine figure | 274102160 | Status | OK | Type | SCN (GDA), SCN (AHD) | |
| Easting | 590016.592 | Northing | 5822290.708 | AHD height | 179.950 | Zone 54 |
| Latitude | -37° 44' 32.1078" | Longitude | 142° 01' 18.1121" | Ellipsoid height | 180.688 | CSF 0.99996119 |
| Hx uncertainty | 0.017 | Hx order | 3 | Vt uncertainty | 0.012 | Vt order 3 |
| Datum | GDA2020 | Plan ref | PS 628313 C, PS 643801C | | | |

SEC. 6 (1) (c) SURVEY CO-ORDINATION ACT 1958

PERMANENT MARK SKETCH PLAN

Township HAMILTON Parish North Hamilton

NOTE:— Not necessarily to Scale

(1) Measurements to be shown from the Permanent Mark to as many near-by survey marks, buildings, fence posts, hydrants, trees, &c., as practicable. Up to six such measurements are desirable.

(2) Except where verified by a Licensed Surveyor in this survey, all boundaries in this sketch plan are to be shown by broken lines. The symbols for fences, buildings, &c., to be shown on the broken lines.

(3) Description of Permanent Mark and, where possible, Crown Abutments are to be shown.

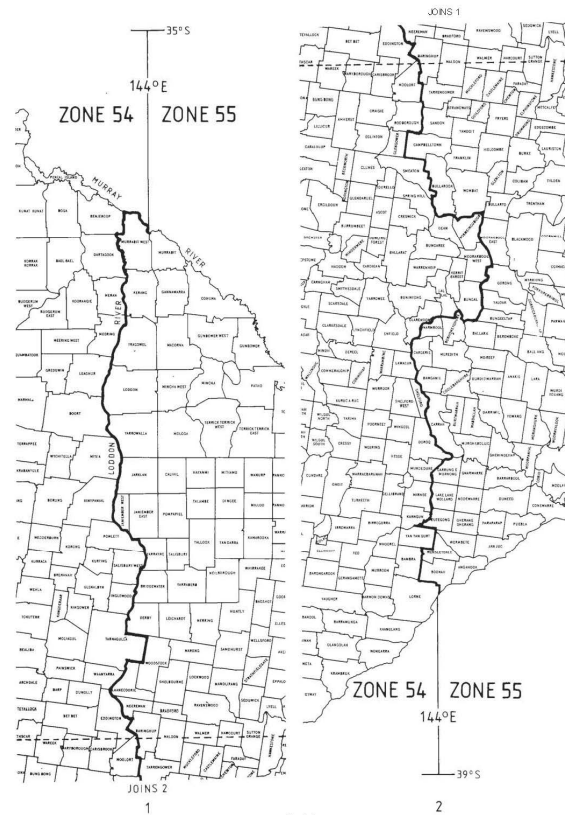
MEASUREMENTS ARE IN Feet & decimale

MGA2020 – Zones and Parishes

MGA2020

7-9

— MGA2020 ZONE BOUNDARY FOR ZONING OF BEARINGS

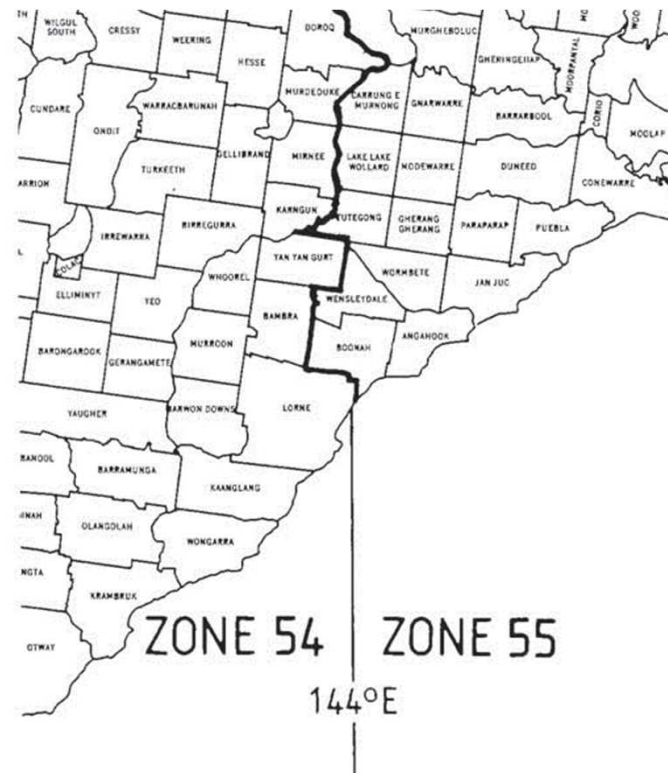


SURVEY PRACTICE HANDBOOK—VICTORIA

Fig 7.3

PART 2 6-1992

Survey Practice Handbook Victoria
Part 2 – Survey Procedures
Fig. 7.3



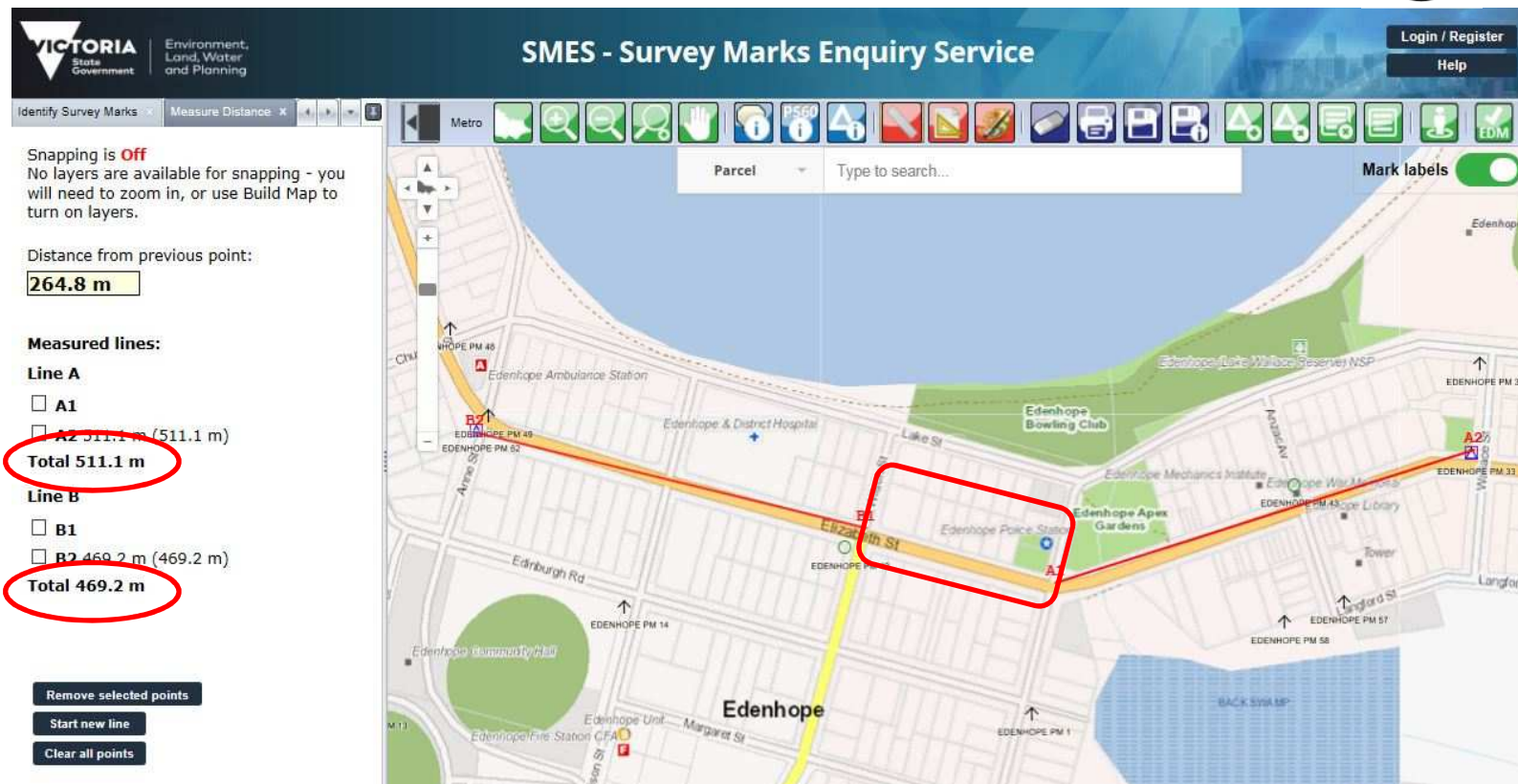
Connection to MGA

2.2 Greater than 500m radius from the survey site ☹️



Connection to MGA

2.2 500m radius from the extremities of the survey ☺



GNSS Data Logging for OSGV and SCN

Factsheet

Submitting GNSS data to OSGV

Guidelines for static and rapid-static GNSS surveys

Introduction

Survey control infrastructure is a critical component of Victoria's land registration and spatial information systems. To increase the density of Survey Control Network (SCN) marks across Victoria, the Office of Surveyor General Victoria (OSGV) has an ongoing programme of Global Navigation Satellite Systems (GNSS) measurement and readjustment of new and existing marks. To expedite the expansion of SCN marks in rapidly developing areas, OSGV encourages submission of GNSS data collected by as many surveyors as possible working with SCN and non-SCN marks.

This document provides guidance to surveyors on the capture and submission of GNSS data to satisfy OSGV's requirements for integrating static (one hour or more) and rapid-static (three to five minutes) GNSS survey data into Victoria's SCN adjustment.

Victoria's survey control infrastructure provides the realisation of the Geocentric Datum of Australia (GDA94 and GDA2020) and the Australian Height Datum (AHD71). This infrastructure includes standard Permanent Marks (PMs), deep driven High Stability Marks (HSMs), Primary Cadastral Marks (PCMs) and a network of GNSS Continuously Operating Reference Stations (CORS).

In Victoria, information about the survey control infrastructure is managed in two distinct categories – SCN marks and non-SCN marks. SCN marks are those which have accurate and reliable position and/or height information generated by the OSGV through rigorous and repeatable geodetic processes. Non-SCN marks are all other marks not within the SCN adjustment, which have coordinates and/or heights of varying levels of quality. In many areas of Victoria, there is a need for more SCN marks to support accurate and reliable positioning.

GNSS observation

To maintain the accuracy and reliability of the SCN, high integrity GNSS data is essential. To help surveyors obtain acceptable data when performing GNSS surveys using static and rapid-static positioning techniques, the following GNSS observation guidelines are recommended:

- observation duration (choose one):
 - one hour continuous GNSS observation with 5 second logging rate or less
 - two (independent) continuous GNSS observation sessions of at least three to five minutes each with 1 second logging rate, at least one hour apart
- good sky view, preferably clear sky with minimum nearby signal obstruction and multipath sources
- less than 25 km from the nearest GNSS CORS; however, for short (three to five minute) sessions more than 25 km from a GNSS CORS, increase the observation duration by one minute per additional 5 km
- ensure GNSS antenna is held stationary throughout the entire survey using a tripod for one hour sessions or a bi-pod for short (three to five minute) sessions
- measure the antenna height from the permanent mark to the antenna reference point – the antenna reference point can be the base of the antenna or a marking on the side of the antenna, which makes it important that either the vertical or slope antenna height measurement type and the specific antenna reference point are all noted.

These recommendations are closely aligned with the Inter-governmental Committee on Surveying and Mapping (ICSM) Standard for the Australian Survey Control Network Special Publication 1 (SP1) Guideline for Control Surveys by GNSS.

Submitting data

GNSS data must be accompanied by a completed GNSS booking sheet, including:

- the PM name and nine figure number
- GNSS antenna model and type
- measured antenna height
- the start and end times of the GNSS observation.

The observed GNSS data can be submitted in raw data format or RINEX format. The data should be compressed to reduce the file size and submitted via the Survey Marks Enquiry Service (SMES) or emailed to smes.support@delwp.vic.gov.au.

GNSS booking sheets are available from the DELWP website (www.delwp.vic.gov.au/Property-and-land/titles/Geodesy/Victoria's-geodetic-infrastructure).

Processing and validation

After GNSS data is submitted, preliminary checks will be performed to ensure that all essential information has been captured. In order to integrate the GNSS measurements within the SCN, the submitted GNSS data will be processed with the surrounding GNSS CORS. When the GNSS data is processed, the baselines are added to the SCN dataset and verified using a rigorous least squares adjustment process. This process ensures that the GNSS data conforms to a standard level of quality, and produces rigorous SCN mark coordinates and uncertainty estimates that can be added to SMES.

Submitting GNSS data to OSGV

Your assistance is appreciated

OSGV appreciates any GNSS data submitted for processing and integration in the Victorian SCN adjustment. This collaborative approach by surveyors and OSGV will enhance the Victorian SCN and establish SCN marks where they are most needed.

Booking sheet

GNSS field booking sheet template

The following is a sample booking sheet template for submitting Global Navigation Satellite Systems (GNSS) field data

| Observation notes | | GNSS field booking sheet | | | |
|-------------------|------------------------------|-----------------------------|--|-------|--|
| Location | | GPS (UTM/Easting) | | Datum | |
| Unit | Receiver type, serial number | Antenna type, serial number | | | |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |

| Mark name (i.e. parish name PM XXX) | Receiver | Start time | Antenna HT method | | |
|-------------------------------------|----------|------------|-------------------|----------|---------|
| Nine figure number | Antenna | End time | Metres | Checked? | DEC: FT |
| XXXX | 11A | 00:00 | 0.00 | | BON/BAM |
| XXXX | 11B | 00:00 | 0.00 | | BON/BAM |
| XXXX | 11C | 00:00 | 0.00 | | BON/BAM |
| XXXX | 11D | 00:00 | 0.00 | | BON/BAM |
| XXXX | 11E | 00:00 | 0.00 | | BON/BAM |
| XXXX | 11F | 00:00 | 0.00 | | BON/BAM |
| XXXX | 11G | 00:00 | 0.00 | | BON/BAM |
| XXXX | 11H | 00:00 | 0.00 | | BON/BAM |
| XXXX | 11I | 00:00 | 0.00 | | BON/BAM |

Antenna height method:
BON (Bottom of notch, i.e. slant measurement)
BAM (Bottom of antenna mount, to Ref. Pt. or top of pillar)

Comments

The diagram illustrates two methods for measuring antenna height. On the left, labeled 'BON', a tripod-mounted antenna is shown with a vertical line indicating the measurement from the bottom of the antenna's notch to a reference point. On the right, labeled 'BAM', a similar setup is shown, but the measurement is taken from the bottom of the antenna mount to the reference point. The reference point is marked as 'Ref. Pt.' on the ground.

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MGA by GNSS

2.3.3 Survey Control for MGA bearing datum

- 2 independent observations at each control point (RTK at least 1 min. duration and 20 min. apart)
- Horizontal difference less than 0.05m between the two observations

Minimum 200m baseline removed

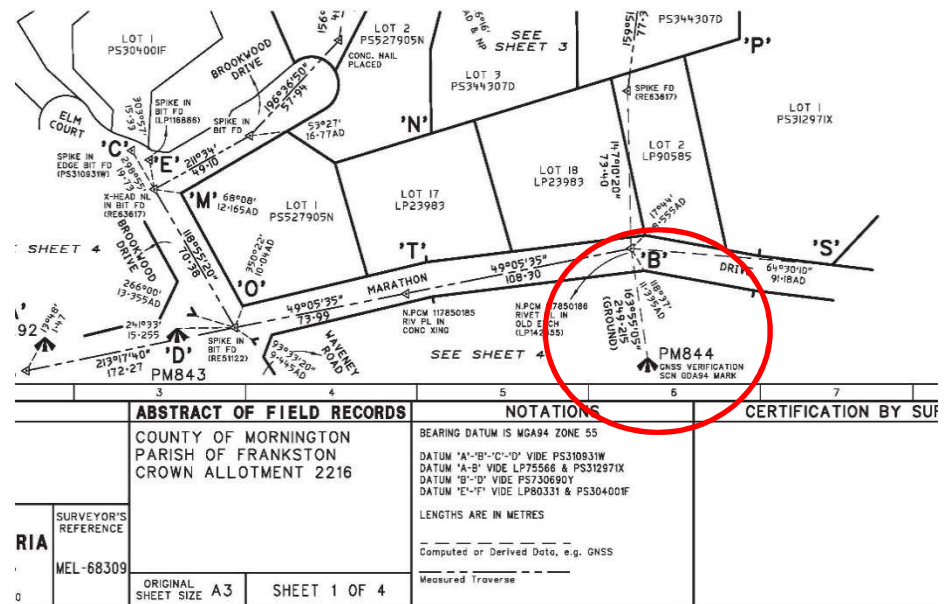
Key requirement 20" accuracy

2.3.4 Agreement with SCN mark better 0.10m (horiz.)

Verifies correct setup of equipment, e.g. geoid model, transformations
If variation >0.10m

- connect to another SCN mark
- advise Geodesy OSGV
- encourage data logging for Geodesy analysis

2.3.5 GNSS connection to SCN marks must be shown as GROUND distances on abstract



**2.5.1 New or unregistered PMs to be registered in SMES
A PM sketch must be prepared**

2.6.1 Many marks noted and numbered as PCMs are not suitable.

- Drill holes to be at least 10mm deep with wings
- Etches not less than 3mm deep and with 50mm wings
- Steel posts, pipes and rods 600mm long
- No marks in bitumen

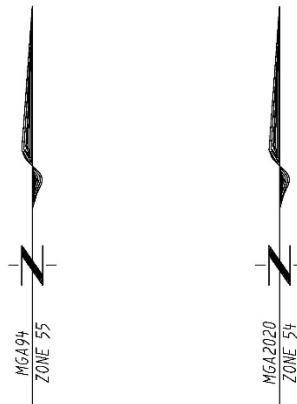
**2.5.2 Every PM and PCM connected to MUST be
& listed on all survey documents
2.6.2 (abstract, RE Plan & licensed surveyor's report)**

Example only

PMs AND PCMs CONNECTED TO:

| | |
|-----------------|--|
| Frankston PM844 | South-west corner of Old Mornington Road and Waveney Road |
| Frankston PM845 | South-west corner of Old Mornington Road and Daveys Bay Road |
| PCM117850082 | Rivet in concrete wall near Daveys Bay Yacht Club |
| PCM117850083 | Rivet in sewer manhole in CA2216 north of Lot 4 PS344307D |
| PCM117850084 | Rivet in top of concrete kerb at bend in Brookwood Drive |

- 2.7 All survey documents must ensure the full projection name, e.g. MGA2020, and zone, e.g. 54, are shown.**

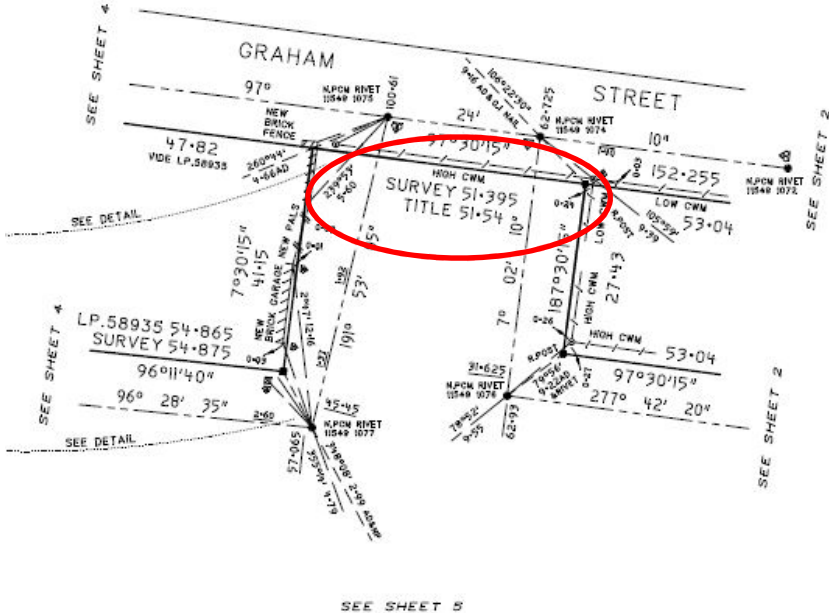




Marking of Lot Boundaries

- 3 (a) Direct marking of corners where practical.
Line pegs no greater than 200m apart.
Surveyors to use their professional judgement in determining inter-visibility and distance between pegs.
- (b) Offset and boundary line extension marks to be used to mark boundaries where it is impractical or inappropriate to mark the actual corner.
- (c) If a boundary is “Not Marked” the licensed surveyor’s report must include details of why not.

4 Where surveyed dimensions differ to title, both to be shown



4 No Qualifiers or Disclaimers

This practice has generally ceased in the past few years but all are reminded that they are not to be used.

This was similarly reinforced by the SRBV in early April 2018 (via ISV, CSV and SSSI) in the context of plans of surveys not submitted for registration.

Disclaimers such as that below are unacceptable.

“This plan is of an identification / re-mark survey only and as such is not registered by the Registrar of Titles. Subsequent registered or other surveys in this area may affect the boundary definition shown on the plan. Any differences so caused to the boundary definition shown on this plan are beyond the control of XYZ Surveyors Pty Ltd who accept no responsibility for such differences.”

Regulation 16, Surveying (Cadastral Surveys) Regulations 2015 clearly states that an RE Plan must be lodged within 60 days and the certification (SPEAR) accords with Schedule 2 of the regulations.

5 Licensed Surveyor's Report

The licensed surveyor's report template is available at the front page of the Vic. CSPD webpage

[Record of having re-established a cadastral boundary \(PDF, 367.2 KB\)](#)

[Abstract of field records - 'traditional' \(PDF, 114.3 KB\)](#)

[Abstract of field records - 'alternative' i.e. GNSS \(PDF, 140.5 KB\)](#)

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[Listing of Special Descriptions](#)

[Special Descriptions \(PDF, 163.4 KB\)](#)

Licensed Surveyor's Report cont.

The template generally details the headings required to be covered.

Under each heading a brief description of the content is provided.

Other headings and/or sub-headings may be added as appropriate.

LICENSED SURVEYOR'S REPORT

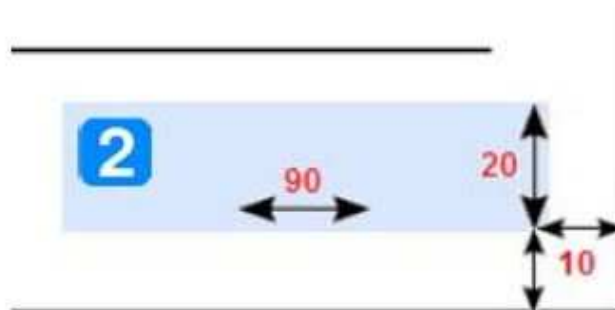
| | |
|--|---|
| PLAN NUMBER: | For many surveys a Plan Number will be known. This is to be included. |
| SURVEYOR: | Licensed surveyor's name. |
| SURVEYOR'S REFERENCE: | |
| PURPOSE: | E.g. Subdivision, Application under section "xx" TLA, Crown Survey, Re-establishment Survey, ... |
| CROWN DESCRIPTION OF LAND: | Attention is to be paid to the Crown description. The Parish must be included. If the description is a Portion, rather than Allotment, the correct term must be used. If a special Crown description applies and is still current ensure it is used. |
| MUNICIPALITY: | |
| TITLE: | List all relevant title references whether freehold, Crown folios, lease hold or general law deed. |
| APPURTENANT EASEMENTS, ROAD ABUTTALS: | State if any easements are appurtenant to the land and describe the easement purpose and if applicable, the origin. If a Government road is an abuttal, state same here. Justify any road abuttal not known to title by providing evidence under the <i>Road Management Act 2004</i> , or proclamation of a public highway in a Victorian Government Gazette, or any other relevant documentation. |
| ENCUMBRANCES: | A statement to the effect that specifies if existing easements are shown in accordance with title, or not. Reference to be made to any easements appropriated in the current plan. |
| SURVEY INFORMATION USED: | A comprehensive list of surveys is to be included. |
| SURVEY INFORMATION PERUSED: | A comprehensive list of surveys is to be included. |
| DATUM RELATIONSHIPS: | This may be broken into sub-headings reporting on: MGA Connection Specify if the survey is on MGA bearing datum and the Zone. Explain the derivation and comparisons between the survey findings and the SCN marks. Quote which SCN marks were used to derive the bearing datum. If GNSS used to establish the datum, include verification comparisons. All distances reported on must be ground distances. |

5.3 SPEAR Technical Note 4 is to be adhered to in regard the layout of the licensed surveyor's report.

5.3 SPEAR requirements

The survey company/firm/organisation details or logo must be positioned so that the requirements of SPEAR Technical Note 4, available at www.spear.land.vic.gov.au/spear/pages/applicants/how-do-i-set-up-my-plan-templates.shtml, are accommodated. This is to allow the insertion of the digital signature. Please note: a blank space of 90mm x 20mm must be allocated in the bottom right hand corner of each sheet as shown below.

Company information and page numbering can be included in the footer of the first and subsequent sheets, but it must continue to satisfy the above requirement.



5.4 NON-TRADITIONAL SURVEYING EQUIPMENT AND TECHNIQUES

- **Accommodates current and emerging technologies**
- **Equipment types and models**
- **Capturing field data**
- **Validating and checking field measurements**
- **Processing and analysis of data (software)**
- **Portraying different methodologies on the abstract and how these are integrated**
- **Full details to be provided in LS report**

Licensed Surveyor's Report cont.

5.5 SPECIAL CROWN DESCRIPTIONS

Office of Surveyor-General Victoria

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SPECIAL DESCRIPTIONS LISTING

| Code | VOTS Database Name / VicMap Database Name | Plan Presentation Note: Parish code to be listed on OP plans only (not on Title Plans) |
|-------|--|---|
| 2007A | Alberton, At: Parish of Alberton East ALBERTON, AT (ALBERTON EAST) | COUNTY: BULN BULN PARISH: ALBERTON EAST AT ALBERTON (2007A) SECTION: CROWN ALLOTMENT: |
| 2042A | Raymond Island, At: Parish of Bairnsdale RAYMOND ISLAND, AT (BAIRNSDALE) | COUNTY: TAMIL PARISH: BAIRNSDALE AT RAYMOND ISLAND (2042A) SECTION: CROWN ALLOTMENT: |
| 2209A | Hawthorn, At: Parish of Boroondara HAWTHORN, AT (BOROONDARA) | COUNTY: BOURKE PARISH: BOROONDARA CITY OF HAWTHORN (2209A) SECTION: CROWN ALLOTMENT: |
| 2287A | Scotchmans, At: Parish of Buninyong SCOTCHMANS, AT (BUNINYONG) | COUNTY: GRANT PARISH: BUNINYONG AT SCOTCHMANS (2287A) SECTION: CROWN ALLOTMENT: |
| 2478A | Footscray, City of: Parish of Cut-Paw-Paw FOOTSCRAY, CITY (CUT-PAW-PAW) | COUNTY: BOURKE PARISH: CUT-PAW-PAW CITY OF FOOTSCRAY (2478A) SECTION: CROWN ALLOTMENT: |
| 2478B | Footscray, City of: At Yarraville: Parish of Cut-Paw-Paw FOOTS CITY, AT Y/VILLE (CUT-PAW-PAW) | COUNTY: BOURKE PARISH: CUT-PAW-PAW AT YARRAVILLE CITY OF FOOTSCRAY (2478B) SECTION: CROWN ALLOTMENT: |
| 2478C | West Footscray, At: Parish of Cut-Paw-Paw W/FOOTSCRAY, AT (CUT-PAW-PAW) | COUNTY: BOURKE PARISH: CUT-PAW-PAW AT WEST FOOTSCRAY (2478C) SECTION: CROWN ALLOTMENT: |
| 2478D | Yarraville, At: Parish of Cut-Paw-Paw YARRAVILLE, AT (CUT-PAW-PAW) | COUNTY: BOURKE PARISH: CUT-PAW-PAW AT YARRAVILLE (2478D) SECTION: CROWN ALLOTMENT: |

I:\V\LSA\ISA Procedures\Crown Description\Special Descriptions\Special Descriptions_OSVG Listing 15-05-2018.docx

Office of Surveyor-General Victoria

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| Code | VOTS Database Name / VicMap Database Name | Plan Presentation Note: Parish code to be listed on OP plans only (not on Title Plans) |
|-------|---|---|
| 2541A | Essendon, At: Parish of Dousta Galla ESSENDON, AT (DOUTTA GALLA) | COUNTY: BOURKE PARISH: DOUTTA GALLA AT ESSENDON (2541A) SECTION: CROWN ALLOTMENT: |
| 2541B | Essendon, City of: Parish of Dousta Galla ESS. CITY (DOUTTA GALLA) | COUNTY: BOURKE PARISH: DOUTTA GALLA CITY OF ESSENDON (2541B) SECTION: CROWN ALLOTMENT: |
| 2541C | Hawstead, At: Parish of Dousta Galla HAWSTEAD, AT (DOUTTA GALLA) | COUNTY: BOURKE PARISH: DOUTTA GALLA AT HAWSTEAD (2541C) SECTION: CROWN ALLOTMENT: |
| 2796A | Brunswick, City of: Parish of Jika Jika BRUNSWICK, CITY (JIKA JIKA) | COUNTY: BOURKE PARISH: JIKA JIKA CITY OF BRUNSWICK (2796A) SECTION: CROWN ALLOTMENT: |
| 2796B | Carlton, At: Parish of Jika Jika CARLTON, AT (JIKA JIKA) | COUNTY: BOURKE PARISH: JIKA JIKA AT CARLTON (2796B) SECTION: CROWN ALLOTMENT: |
| 2796C | Clifton Hill, At: City of Collingwood: Parish of Jika Jika CLIF/HILL, AT COLL. (JIKA JIKA) | COUNTY: BOURKE PARISH: JIKA JIKA CITY OF COLLINGWOOD AT CLIFTON HILL (2796C) SECTION: CROWN ALLOTMENT: |
| 2796D | Northcote, City of: Parish of Jika Jika NORTHCOTE, CITY (JIKA JIKA) | COUNTY: BOURKE PARISH: JIKA JIKA CITY OF NORTHCOTE (2796D) SECTION: CROWN ALLOTMENT: |
| 2796E | North Fitzroy, At: Parish of Jika Jika NTH FITZROY, AT (JIKA JIKA) | COUNTY: BOURKE PARISH: JIKA JIKA AT NORTH FITZROY (2796E) SECTION: CROWN ALLOTMENT: |

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Office of Surveyor-General Victoria

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| Parish Code | VOTS Database Name / VicMap Database Name | Plan Presentation Note: Parish code to be listed on OP plans only (not on Title Plans) |
|----------------|--|---|
| 3730A | Rosebud, At: Parish of Wannaeue ROSEBUD, AT (WANNAEUE) | COUNTY: MORNINGTON PARISH: WANNAEUE AT ROSEBUD (3730A) SECTION: CROWN ALLOTMENT: |
| 5514A | East Melbourne, At: City of Melbourne EAST MELB., AT (CITY OF MELB.) (City of Melbourne proclaimed by Letters Patent Vic. 25 June 1847) | COUNTY: BOURKE PARISH: MELBOURNE NORTH CITY: MELBOURNE AT EAST MELBOURNE (5514A) SECTION: CROWN ALLOTMENT: |
| 5514B | West Melbourne, At: City of Melbourne WEST MELB., AT (CITY OF MELB.) (City of Melbourne proclaimed by Letters Patent Vic. 25 June 1847) | COUNTY: BOURKE PARISH: MELBOURNE NORTH CITY: MELBOURNE AT WEST MELBOURNE (5514B) SECTION: CROWN ALLOTMENT: |
| 5514C | Melbourne, City of: Parish of Melbourne North CITY OF MELB., (MELB. NORTH) (City of Melbourne proclaimed by Letters Patent Vic. 25 June 1847) | COUNTY: BOURKE PARISH: MELBOURNE NORTH CITY: MELBOURNE (5514C) SECTION: CROWN ALLOTMENT: |
| 5514D | Melbourne, City of: Parish of Melbourne South CITY OF MELB., (MELB. SOUTH) (City of Melbourne proclaimed by Letters Patent Vic. 25 June 1847) | COUNTY: BOURKE PARISH: MELBOURNE SOUTH CITY: MELBOURNE (5514D) SECTION: CROWN ALLOTMENT: |
| 5311 | City of Geelong GEEELONG (CITY OF) TP Note: City of Geelong proclaimed by Act 13 Vic. No. 40 | COUNTY: GRANT PARISH: CORIO CITY: GEEELONG (5311) SECTION: CROWN ALLOTMENT: |
| 5603 | Township adjoining the City of Northcote NORTHCOTE (ADJ. CITY OF) TP Note: Township proclaimed in Government gazette 1951 p.7122. | COUNTY: BOURKE PARISH: JIKA JIKA TOWNSHIP ADJOINING THE CITY OF NORTHCOTE (5603) CROWN ALLOTMENT: |

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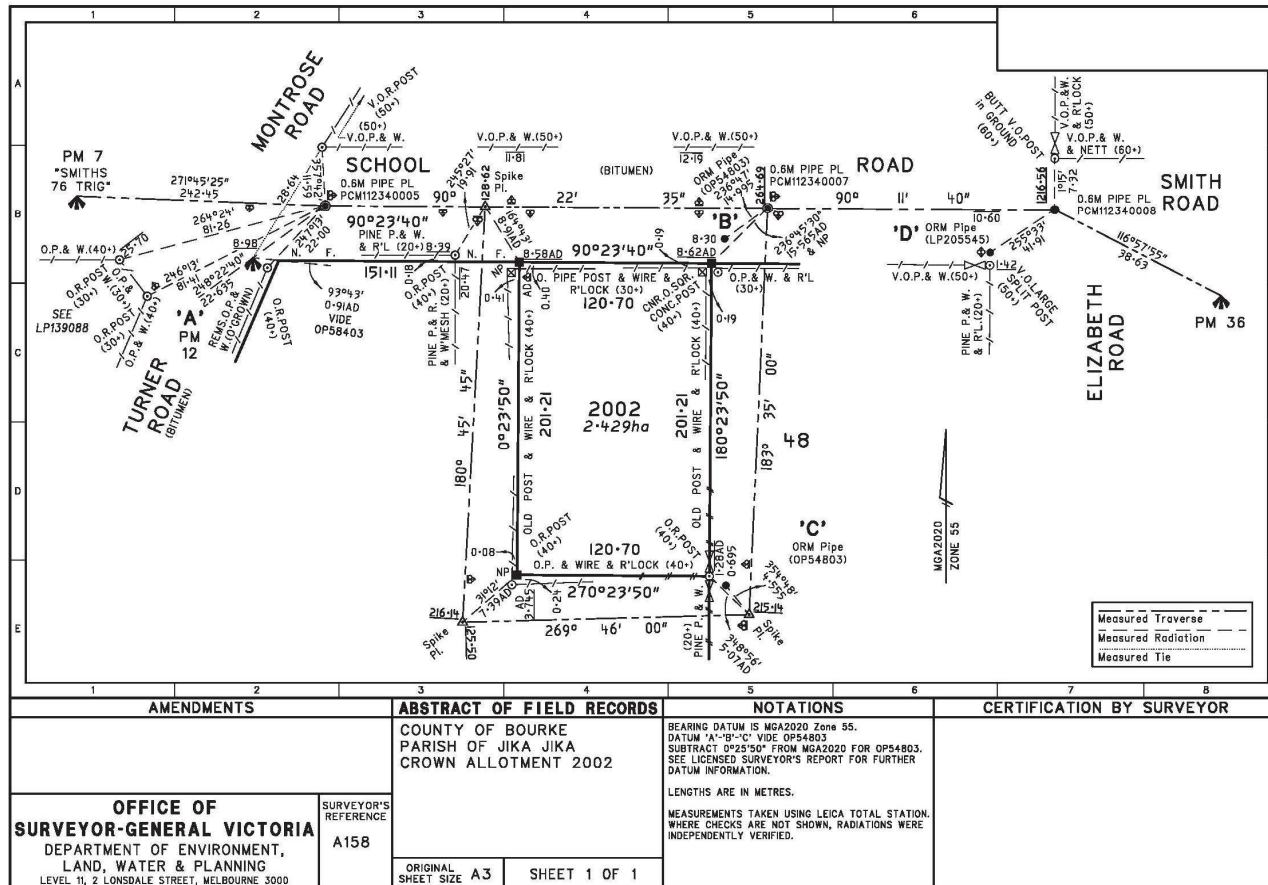
Abstract of Field Records

6.1.2 Currency conditions for abstract

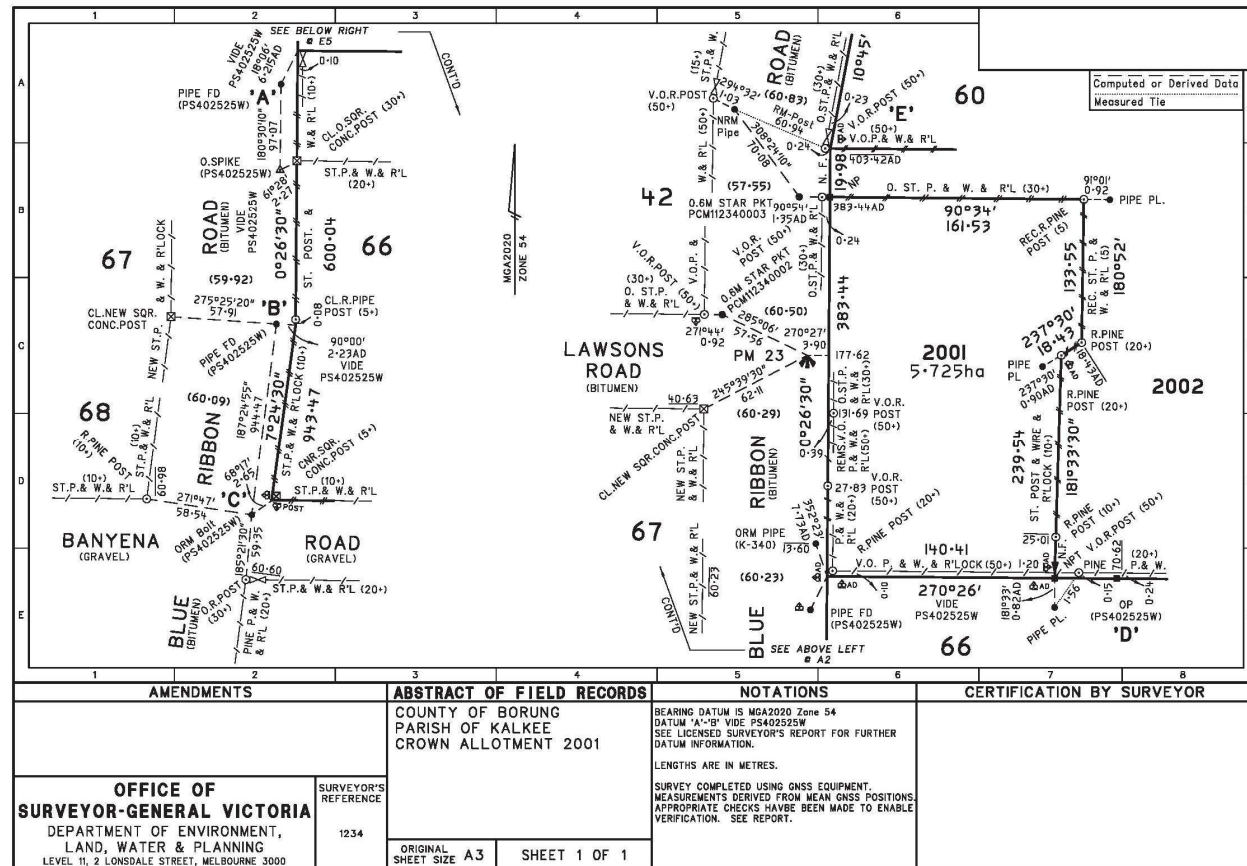
- Date of survey to be less than 2 years prior to lodgement
- 'Life' of survey extended to 5 years if 'currency conditions' attested to and addressed in LS report
- If **minor** changes and abstract edited include amendments notation:
e.g. some marks noted as gone
- If **significant** changes and can't attest to 'currency conditions', full amendment of abstract required and discussion in LS report
- If survey >5 years old, re-survey and new abstract

| AMENDMENTS |
|--|
| This abstract of field records correctly represents the occupation and features existing on <i>[insert date]</i> , and the survey has been brought up to date. |

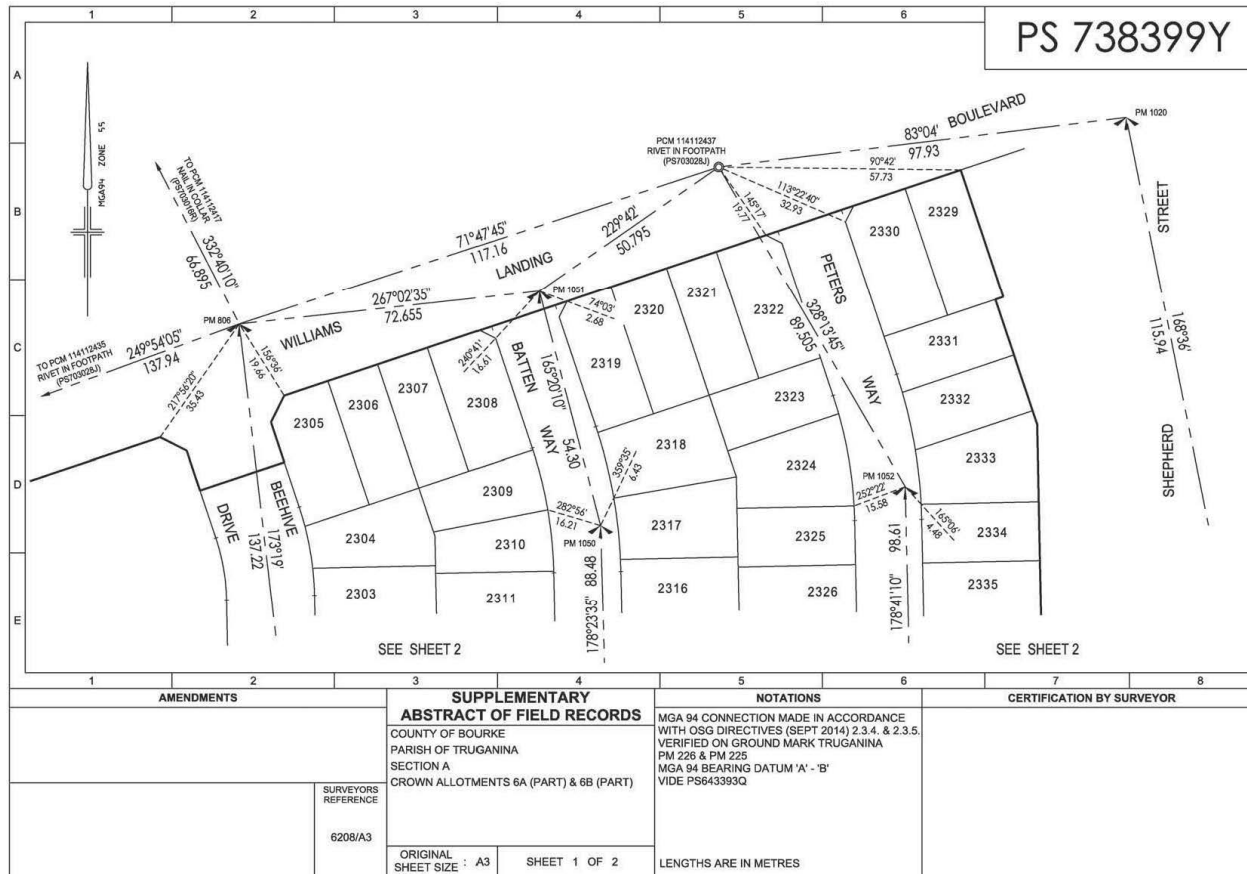
Abstract of Field Records – 'Traditional' example



Abstract of Field Records – ‘Alternative’ example



Abstract of Field Records – Supplementary example



Must be:

- **no more than every 12 months**
- **valid for the date(s) and entirety of the survey**

e.g.

- **Date of Survey – May 2017**
- **EDM calibration in LS report – Jun 2018**
 - need details immediately preceding May 2017

8 Precision of dimensions

| Measurement | Unit/s to be used | Precision |
|--------------------------------------|---|---|
| Length | | |
| Less than 500 metres | Metre | Correct to the nearest 0.01 metre, except where circumstances require greater precision, then correct to the nearest 0.005 metre. |
| 500 metres and up to 5000 metres | Metre | Correct to the nearest 0.01 metre |
| Over 5000 metres | Metre | Correct to the nearest 0.1 metre |
| Bearings of Lengths | | |
| Less than 30 metres | Degrees (°) and minutes (') of arc | Correct to the nearest minute of arc |
| Over 30 metres | Degrees, minutes and seconds (") of arc | Correct to the nearest 10 seconds of arc |
| Area | | |
| Less than 100 square metres | Square metre | Correct to the nearest 0.1 square metre |
| 100 square metres and less than 1 ha | Square metre | Correct to the nearest square metre |
| 1 hectare and up to 10000 hectares | Hectare | Correct to four significant figures (e.g. 1.234 ha) |
| Over 10000 hectares | Square kilometre | Correct to four significant figures (e.g. 1.234 km ²) |

QUESTIONS?