**MAIN ROADS WESTERN AUSTRALIA**

PROPERTY MANAGEMENT DRAWINGS

ROAD AND TRAFFIC ENGINEERING STANDARD 67-08-48

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# Revision Status Record

|  |  |  |  |
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| **Page****No** | **Latest****Revision****No** | **Latest****Revision Date** | **Revision****Description/Reference** |
| 1 | 9 | 30/8/12 | ’Principal’ prefixed to Land Tenure Manager |
| 2 | 5 | 1/8/01 | General update |
| 3 | 6 | 12/7/05 | Direction Arrows included |
| 4 | 9 | 30/8/12 | Requirement changed to Dealings |
| 5 | 9 | 30/8/12 | 1.2.5 Strata Titles amended |
| 6 | 9 | 30/8/12 | 1.4 Native Title amended |
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| 16 | 6 | 12/7/05 | General update |
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| 18 | 9 | 30/8/12 | Native Title and Mining Tenements added |
|  |  |  |  |
| A1 Index | 7 | 7/1/09 | New Main Roads Logo |
| A1- 1 | 7 | 7/1/09 | New Main Roads Logo |
| A1- 2 | 7 | 7/1/09 | New Main Roads Logo |
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| A1- 7 | 7 | 7/1/09 | New Main Roads Logo |
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| A1- 9 | 7 | 7/1/09 | New Main Roads Logo |
| A1-10 | 7 | 7/1/09 | New Main Roads Logo |
| A1-11 | 7 | 7/1/09 | New Main Roads Logo |
| A1-12 | 7 | 7/1/09 | New Main Roads Logo |
| A1-13  | 7 | 7/1/09 | New Main Roads Logo |
| A1-14A  | 7 | 7/1/09 | New Main Roads Logo |
| A1-14B  | 7 | 7/1/09 | New Main Roads Logo |
| A1-14C  | 7 | 7/1/09 | New Main Roads Logo |
| A1-15 | 7 | 7/1/09 | New Main Roads Logo |
| A1-16  | 7 | 12/3/07 | Deleted |
| A1-17  | 7 | 12/3/07 | Deleted |
| A1-18 | 7 | 12/3/07 | Deleted |
| 67/08/48/02 |  |  |  |

# DEFINITIONS

|  |  |
| --- | --- |
| SLK | Straight Line Kilometre |
| MRWA | Main Roads Western Australia |
| C/T | Certificate of Title |
| AMG | Australian Map Grid |
| GDA | Geodetic Datum of Australia |
| PCG | Perth Coastal Grid |
| LGA | Local Government Authority |
| CMR | Commissioner of Main Roads |
| WAPC | Western Australian Planning Commission |
| CSD Editor  | Cadastral Survey Data Editor |

# 1. Purpose

The purpose of this document is to set the drafting standards and guidelines to ensure drawing uniformity and suitability for purpose.

# 2. Scope

These standards shall be used for all Land Dealings Plans produced within Main Roads Western Australia including those produced by consultants, for the Property Management Branch.

# 3. GENERAL

To determine land requirements for a project there must be an accurate spatial relationship between the road design model, the ground model and the cadastral background. This is achieved by professional assessment of compatible coordinate systems and the use of accurate (adjusted) cadastral digital information obtained from the Spatial Cadastral Data Base maintained by Landgate. When a cadastral model has been computed and adjusted to meet or exceed Main Roads requirements, it is referred to as a “verified cadastral model”

## 3.1 Verified Cadastral Models

This is a spatially correct representation of the cadastre. It has been mathematically adjusted, usually by least squares, to be accurate with respect to angles, distances, areas and its geographic position.

This information is used to provide an accurate base for planning and design and is the basis of Landgates Spatial Cadastral Database.

The majority of the SCDB has been upgraded to a reasonable accuracy however there may be non-critical areas of the state where the accuracies are not suitable for the preparation of Land Dealings Plans.

Main Roads seek accuracy in the order of better than **+/- 0.2m** for each point, with some critical projects requiring **+/- 0.1m**.

Consultants who interrogate points in the SCDB that affect their project area that are outside these accuracies should contact the Land Graphics Coordinator at Main Roads, Wayne Rollings. Options for upgrading can then be considered and will be completed with adjustments finalised by Landgate.

This accurate model forms the basis for road design work, the determination of land requirements and the subsequent Land Dealings Plans.

## 3.2 Land Dealings Plans

Land Dealings Plans are a multi-purpose plan for Main Roads projects. The purpose of the plan is generally for the acquisition of land for road projects however, they can be to identify proposed easements, leases, land exchanges or any other matter dealing with land.

Information likely to be shown is the MRS boundary, land requirement line, land required for road, drainage basins, severed portions, roads to be closed, surplus land requirements and land available for exchange.

Sample Drawings for different types of plans are listed at Figures 1 to 11.

A1 strip plans are used for survey purposes on large projects with multiple lots and ownerships while A3 plans show individual properties, or properties with common ownership, for negotiation purposes. See Figures 1 to 9.

Specific points to note:

* It is essential that the land dealings plans be based on a verified cadastral model to ensure accurate areas and dimensions of requirements are attained.
* Drawings will be set up so SLK increases from left to right and bottom to top.
* Each area from a lot will be an individual polygon.
* The land requirement line will be broken at each intersection with a cadastral boundary.
* Cadastral lines will retain their integrity. They will not be broken at requirement lines.
* On A1 plans, the requirement line will only be dimensioned at bends or termination points.
* Properties owned by CMR and other Government Agencies do not require an individual drawing.
* For larger projects where two (2) or more A1 sheets are used, an index plan shall be prepared to show the relative position of each sheet in the project.
* In rural areas, a direction arrow and notation of nearest town should be shown. See Fig 8.
* The whole of lots affected by a land requirement is to be shown on the Land Dealings Plan either at scale, or as an enlargement.
* The basic format and text styles shall be strictly adhered to, but special annotation, which can be shown to be beneficial to the project and does not detract from the overall presentation of the plan, may be included.

### 3.2.1 Design of Road Reserve Boundaries

Special attention to planning with regards to the land requirement needs to be made early in the project design phase.

Small areas of severed land are to be avoided unless subsequent amalgamation and efficient disposal is possible.

Identification of possible land use of severed portions would greatly assist in dealings with Local Authorities and Western Australian Planning Commission (WAPC).

 Some considerations would be:

* Can the design be modified to minimise impact on property?
* Is the land necessary?
* Has the minimum amount of land been taken?
* The effect of the land requirement on the balance portion of land.
* Access to severed parcels.
* If there is a severed portion, would it be more effective to resume the whole parcel? A land exchange may be a consideration.
* To what use would any surplus land be put? eg amalgamation with adjacent properties, landscaping etc.
* Road closures and land allocation.
* Heritage issues for buildings and structures.

### 3.2.2 Crown Land

Crown land is generally subject to Native Title Claim. Where there is a requirement from Crown Land, all parties having an interest in that land must be identified.

This includes parties to Management Orders.

Mining Claims and Native Title Claimants details are to include the address for notification.

The “class” of reserve and the purpose is to be shown for all Crown reserves. ie “A”, “B” and “C” etc.

This is prefixed to the reserve symbol and number.

The Lot number of the reserve is to be shown also, as a reserve may be comprised of several Lots.

### 3.2.3 Lodged Survey

Lodged survey details (unapproved) as shown in the SCDB , shall be shown on any Land Dealings Plan as broken lines. The original lot details (as per the C/T) shall be used to describe the lot in the ownership table but the subsequent plan or diagram of survey will be noted either in the “comments” column of the table or on the drawing itself. See Fig 9.

### 3.2.4 Encumbrances

 All encumbrances shown on Deposited Plans or C/Ts are to be shown and details noted, eg caveats, mortgages, easements, rights of carriageway, mining leases etc. See Fig 5.

### 3.2.5 Strata Titles

 Strata Titles will be treated as normal subdivisions, in that the internal boundaries and lot numbers will be shown.

 If the land affected is Common Property, then the Strata Title number, name of Strata Scheme and area required will be shown in the table, along with the Body Corporate contact details.

 If an individual parcel on the Strata is affected, then also include the individual parcels C/T number and ownership.

### 3.3 Control of Access Plans

Control of access plans are required to delineate the area of C of A to show permitted access points and the type and width of access. There are three (3) stages in the plan preparation:

### 3.3.1 Plans for Gazettal

 These are A1 strip plans delineating the C of A corridor.

 This plan is used for Gazettal purposes and does not show any access points. See Fig 10A.

### 3.3.2 Consent Approval Master Plan

 These drawings are the same as for Stage 1, except for being cross referenced to individual Consent Agreement plans (if any). They show any public access points eg PAWs, side roads etc.

 These plans can be added to or deleted from as necessary without affecting the proclamation. See Fig 10B.

### 3.3.3 Consent Agreements

 These are A3 plans relating to a single property, showing the position and type of access allowed. These plans can be added to or deleted from as necessary without affecting the proclamation. See Fig 10C

 These are cross referenced to the Consent Agreement Master Plan. See Fig 10B.

## 3.4 Native Title Information

Native Title information is required for new works affecting Crown land and is generally required to gain access to sites in rural areas.

The details of interested parties (claimants), are to be shown in a separate NT table on the Land Dealings plan.

## 3.5 Certificate

All Land Dealings plans prepared for Main Roads by consultants must have the certificate endorsed by the consultant’s project manager.

By signing the certificate, the consultant is certifying that they have used a verified cadastral model to Main Roads standards in conjunction with the road design to determine the new road corridor and has fully searched and obtained hard copies of the tenure details of each lot affected from Landgate

## 3.6 Mining Tenements

Land in Rural areas is quite often affected by Mining Tenements. A detailed search of Department of Minerals and Petroleum web site to provide the Tenement details is required, along with tenement boundaries.

# 4. Process for Preparing Drawings

## 4.1 General Process

Obtain verified cadastral model from Main Roads or Landgate.

 If the land affected is only a single lot or a few lots then these may be constructed from the survey graphics without using a Verified Cadastral Model, however all dimensions and areas are to be correct.

 Ensure the cadastral model is in the correct coordinate system.

 Construct the Land Requirement lines in the cadastral model.

 Search at Landgate for all relevant Certificates of Title and obtain a hard copy**.**

 Determine the number of A1 drawings required to cover the project.

 Determine the number of individual property drawing.

 The Land Graphics Coordinator will supply drawing numbers when notified of the amount required.

 Prepare A1 land requirement drawings as per Figures 5, 6 & 7.

 Prepare A1 index plan to show the position of A1 Land

 Dealings Plans in relation to the project area as per Fig 7.

 Prepare individual property drawings on A3 sheets as per Fig 6 These should be geo referenced if possible.

 Check by consultant – fill out land requirement drawing checklist and attach to relevant drawing.

 Forward preliminary plot to the Land Graphics Coordinator for audit.

 Note: this is not a check on the drawings accuracy. It is only for general standards and suitability for purpose.

 Changes made by consultant as required.

 Final hard copies and digital files sent to Land Graphics Coordinator for final audit and signing.

**Note: Unless the drawings are signed by the Land Graphics Coordinator, they are deemed preliminary. Any amendments made prior to signing will not be shown as a revision or given a revision number.**

## 4.2 Process for Preparing A1 Drawings

A1 drawings (Figs 5 and 6) and split A1 drawings (Fig 8) are created using reference files for the cadastre, index sheets and grid sheet.

This is to ensure that any changes to the Land Requirement are reflected on the drawings.

 Construct the Land Requirement line in the cadastral model, breaking it at each intersection with cadastral boundaries.

 Three (3) files are created per each split sheet, three (3) for the top and three (3) for the bottom. They are the cadastral file (**cad\*\*\*\*a.dgn**), index sheet file (**cad\*\*\*\*i.dgn**) and a grid file (**cad\*\*\*\*g.dgn**).

* Open the blank index file and reference the cadastral file to it.
* Place index cells (GRA1\_T) for the top and (GRA1\_B) for the bottom section of the drawing sheet along the cadastral model in the preferred layout, allowing a small overlap.
* Open the grid design file and reference the index sheets to it, merge the reference file and generate the grids. Reference the cad to it and put the match lines in each overlap area. Aligning them to cadastral boundaries where possible. Delete the index sheets from the grid file and detach the cad reference file.
* Create a drawing file.
* Place the A1 drawing cell at 0 degrees and at the required scale.
* Reference the cad, index and grid files in the same order each time – cad (ref 1), index (ref 2) and grid (ref 3).
* Rotate cad reference file to match the A1 sheet. (Use a corner of the index or grid sheet as the rotate origin so you know where it is). Clip, bound and move it to fit on the A1.
* Rotate the grid reference file the same angle from the same point as the cad file and clip bound and move them to fit in the A1 top section.
* Repeat for the bottom half, the reference files being cad (ref 3), grid (ref 4).
* Clip bound the cadastral file along the match lines for the top half, leaving a gap around the cad, between the sheet edge.
* Repeat for the bottom half.
* Drawing one layout is complete. Repeat for each A1 drawing.

# 5. Drafting Standards

## 5.1 Drawing Sheet Sizes

Standard A series drawing sheet sizes shall be used. Standard Property Management drawing sheet cells are available on request.

Consultants preparing drawings shall include their own letterhead and include the draftsman’s full name and date.

## 5.2 Title Block Information

The following information shall be included in the title block:

|  |  |  |
| --- | --- | --- |
| DESCRIPTION | HEIGHT | FONT |
| Drawing Number ( A1 ) | 10.0 | 64 |
| Drawing Number ( A2, A3 ) | 7.0 | 64 |
|  |  |  |
| Drawing Type ( A1, A2, A3 ) | 5.0 | 27 |
|  |  |  |
| Road Name ( A1, A2, A3 ) | 5.0 | 27 |
|  |  |  |
| Land Requirement ( A1, A2 ) | 3.5 | 27 |
| Land Requirement ( A3, ) | 2.5 | 27 |
| Drawing Description ( A1, A2 ) | 3.5 | 27 |
| Drawing Description ( A3, ) | 2.5 | 27 |
| S.L.K. ( A1, A2 ) | 3.5 | 27 |
| S.L.K. ( A3, ) | 2.5 | 27 |
| Local Authority ( A1, A2, A3 ) | 2.5 | 27 |
|  |  |  |
| M.R.W.A. File Number ( All sheet sizes ) | 2.5 | 27 |
| Job Number ( All sheet sizes ) | 2.5 | 27 |
| Signatories ( If amended ) | 2.5 | 27 |

When using Microstation cells, select the “*fill single enter data fields*” command. The text attributes have been pre-set.

## 5.3 Text

 C/T and survey graphic dimensions shall be parallel to the relevant cadastral line and be inside the lot where possible.

 Dimension text shall be parallel to the line being dimensioned.

 Road names and watercourses shall be parallel to and inside, the feature.

 Grid text shall read from the bottom and right of the drawing sheet.

 All other text shall be parallel to the sheet boundary.

|  |  |  |
| --- | --- | --- |
| **DRAWING CONTENT** | **HEIGHT** | **FONT** |
| Main Road Name | 5.0 | 27 |
| Secondary Road Name | 3.5 | 27 |
| Lot Numbers | 3.5 | 33 |
| Reserve Numbers | 3.5 | 27 |
| Water Features | 3.5 | 33 |
| Lot Details (C/T, Ownership, Caveats, and other encumbrances)  | 2.5 | 27 |
| Areas | 2.5 | 33 |
| Survey Dimensions *in brackets ( )* | 2.5 | 33 |
| Land Requirement Dimensions | 2.5 | 27 |
| Matchline Information | 3.5 | 27 |
| Grid Annotation | 2.5 | 27 |

## 5.4 Linework

 All linework shall be black when plotted.

 Text is not to be obscured by lines. Where this would occur, the line shall be broken or preferably, the text moved.

 Where Land Requirement lines match existing cadastral boundaries, the Land Requirement line shall not be shown.

 Where a Land Requirement line joins an existing cadastral point, no dimension is to be shown.

## 5.5 Dimensioning

 The land requirement will be dimensioned along and perpendicular to existing cadastral boundaries.

 Dimensions should be clear of cadastral lines.

 In remote areas, or where no cadastral boundaries exist, coordinates may be used to locate the land requirement.

 Dimensions are to read from the bottom and right of the drawing sheet.

 Dimensions are to be one element, ie extension and join line and number.

**Dimension Geometry:** shall be set to the following:

Terminator = default

Terminator width = 1.1

Terminator height = 0.367

Minimum leader = 2.0

## 5.6 Match Lines

 Match lines are to be placed at the end of each strip on split A1 plans.

 Where possible, they will be along cadastral boundaries. This is to avoid lots being segmented.

 The match line will not totally obscure the underlying cadastral boundary. It should be stopped short so the cadastral boundary is still visible.

 If no cadastral boundary is available, they will be perpendicular to the road reserve.

 Show sufficient cadastre past the match lines to provide clear continuity

## 5.7 Decimal Places

 Areas of less than 1 hectare shall be shown in square metres (m2).

|  |  |
| --- | --- |
| Land Requirement Dimension | 0.1 |
| C/T Distances | 0.01 |
| Areas ( Hectares ) | 0.0001 |
| Areas ( Metres2 ) | 1 m2 |

## 5.8 Bar Scales

Bar scales shall be placed along the right hand side of the sheet

Bar scales shall be in the same format as shown in the attached figures 1-10.

## 5.9 Grids

Grids are not necessary, but are beneficial in remote areas.

If they are shown, the following should apply:

 Grid spacing is relevant to scale, ie 1:1000 - 100 m grid, 1:2000 - 200m grid.

 Grid annotation shall be read from the bottom and right of the drawing sheet.

 Coordinates are not to be truncated, ie the full value is to be shown.

 The horizontal datum shall be noted in the title block eg GDA94, AMG84, PCG94, etc

## 5.10 Patterning/Shading

 The land required for road widening or associated purposes, shall be identified using a grey shading fill (preferred) or suitable pattern that shall be clearly visible at a reduced scale to A3.

 A grey shade of colour value 72 (RGB values 195, 195, 195)shall be used when identifying a requirement by shading.

 Each land requirement area from a lot shall be an individual polygon.

 The pattern is to be “associative”, ie the pattern is dynamic and will change when the polygon is changed.

## 5.11 Direction Arrows

Direction arrows are used on Regional drawings to show what the nearest town is and the direction to that town. Each A1 sheet shall have one at each end of the sheet.

The A3 shall have one showing the nearest town.

## 5.12 Amendments

In the event of a drawing being amended after the initial issue:

*Note: “Initial Issue” means it has been signed by the Land Graphics Coordinator and has been Approved by Main Roads personnel.*

 The nature of the amendment along with the amendment number, shall be noted in the amendment block.

 An amendment triangle with amendment number shall be placed next to the

 relevant amendment.

 The original signatories’ names will be typed in the relevant section in place of the signature.

 The drawing number will be suffixed with the relevant amendment number, eg 9960‑123-1

 If the drawing was “Approved” then *“This drawing is an amendment of the Approved drawing …................”* shall be put along the bottom of the sheet.

 See figures 2 and 12.

## 5.13 Reference Files

All project based A1 drawings will have the cadastre and index sheets attached as reference files.

A split drawing sheet comprises of 4 reference files:

Cadastral model x 2

Index Sheets x 2

Grid x 2 (optional)

See [11.2 Process for Preparing A1 Drawings](#_11.2_Process_for)

# 6. Digital Data

## 6.1 Software

Microstation is the preferred drawing package used for Land Dealings Plans.

## 6.2 Design File Format

 All supplied design files will be in Microstation ‘dgn’ format.

 To maintain consistency with all design files in Property Management, create the file by using **Seed2d\_v8 for v8 Microstation.**

 There shall be a new design file for each drawing, ie one drawing per design file.

 The design file shall be named as per the drawing number but with no hyphens and prefixed with a “d”, **eg d9960123.dgn**

 Amended design files shall have a hyphen and amendment number as part of the name, eg **d9960123-1.dgn**

 The design file shall have the following attributes:

|  |  |
| --- | --- |
| **Global Origin :** | 200 000 mE , 6 000 000 mN |
| **Working Units :** | 100 mu , 10 su |
| **Font Library :**  | MRWAFONTS.RSC |
| **Fonts :**  | 27 upright |
| 33 italic |
| 64 univfill |
| **Cell Libraries :** | drg sheets.cel |
| rdov8.cel |
| **Seed Files :**  | Seed2dv8.dgn |
| Seed2dpcg.dgn\_ |
| **Plot Configuration File :** | HPGL2CA0AUTOCAD.CFG |
| **Colour Table :** | color\_tbl\_v8\_2012.tbl |

## 6.3 Design File Layout

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ELEMENT** | **COLOUR** | **LEVEL** | **WEIGHT**  | **STYLE** |
| Cadastral Boundary | 0 | 1 | 0 (0.25) | Full |
| Lodged Survey | 0 | 2 | 0 (0.25) | Broken (No 3) |
| Easement (Unsurveyed) | 0 | 1 | 0 (0.25) | Broken (No 5) |
| Text | 2 | 6 | 0 (0.25) | Full |
| Land Requirement | 3 | 3 | 2 (0.50) | Full |
| Match Line | 1 | 4 | 2 (0.50) | Full |
| Administrative Boundary eg Local Authority | 3 | 8 | 2 (0.50) | Linear Pattern |
| Grid Elements | 3 | 40-49 | 0 (0.25) | Full |
| Water Features | 1 | 9 | 0 (0.25) | Full |
| Patterning | 0 | 10 | 0 (0.25) | Full |
| Dimensions | 6 | 5 | 0 (0.25) | Full |
| Shading (shape) | 72 | 10 | 0 (0.25) | Full |
| Control of AccessDrawing Sheet and Title block | 50 | 720 | 3 (0.70)various | FullFull |

# 7. Auditing of Plans AND MODELS

A full scale hardcopy of the plans shall be supplied to the Land Graphics Coordinator for auditing of presentation standards prior to final approval. Any corrections shall be marked on the plans and returned for correction and final plotting.

All verified cadastral models are to be forwarded for audit of compliance to the accuracy standard. It is advisable to complete this prior to preparation of the Land Dealings Plans.

It is the responsibility of the consultant to ensure that all tenure and survey details are correct as they will not be checked by Main Roads.

# 8. Drawing Numbers

These shall be supplied by the Land Graphics Coordinator, Property Management section, upon notification of the amount required.

Land Dealings, Control of Access and Miscellaneous plans shall be numbered as **YYRA‑XXX :**

With **YY** being the year (ie **96)**; **RA** being the Branch number (ie **60** for Property Management) and **XXX** - drawing number.

In the case of an amendment, the drawing number shall be suffixed with an amendment number eg **9960-123-1**.

# 9. Data Submission

## 9.1 Plans

Preliminary plans for checking may be sent folded in the mail.

Final submissions will be original plots, at scale and unfolded.

The drawings will be signed in the appropriate areas by the appropriate people.

The person signing the certificate is responsible for the accuracy of all technical detail shown on the plan.

## 9.2 Electronic Data

Design files and cadastral models may be supplied on CD or via email.

All files associated with the drawings will be supplied. eg reference files used to create the drawings - cadastral model and grid files.

The digital files will be named as follows:

* Cadastral file **cad\*\*\*\*a.dgn**
* Index Sheet file **cad\*\*\*\*i.dgn**
* Grid file **cad\*\*\*\*g.dgn**
* Drawing **d0060\*\*\*.dgn**

# Contacts

The key contact for Drawings and Cadastral Models is Wayne Rollings.

For further information, please contact any of the following people in Property Management Branch .

## Land Tenure Section

**(Verified cadastral backgrounds, land dealings plans, boundary survey, road closures and Control of Access Drawings)**

|  |  |  |
| --- | --- | --- |
| Principal Land Tenure Manager |  Frank Lyons | (08) 9323 4168Mobile 0419 908 665 |
| Land Administration Manager |  Richard Wolski | (08) 9323 4207Mobile 0447 885 070 |
| Land Graphics Coordinator |  Wayne Rollings | (08) 9323 4580 |
| Land Survey Manager |  Richard Delany | (08) 9323 5491Mobile 0428 341 692 |
| Land Assembly Manager | Nick Kitin | (08) 9323 4358Mobile 0477 398 290 |

Facsimile to (08) 9323 4600

# Index to Sample Drawings

[**Figure 1**](http://trimwebdrawer/webdrawer/webdrawer.dll/webdrawer/rec/5930582) Standard A3 Land Dealings plan.

[**Figure 2**](http://trimwebdrawer/webdrawer/webdrawer.dll/webdrawer/rec/5930583)Standard A3 Land Dealings / Exchange of Land plan.

[**Figure 3**](http://trimwebdrawer/webdrawer/webdrawer.dll/webdrawer/rec/5930584)Standard A3 Land Dealings / Surplus Land plan.

[**Figure 4**](http://trimwebdrawer/webdrawer/webdrawer.dll/webdrawer/rec/5930585)Standard A3 Land Dealings / Easement plan.

[**Figure 5**](http://trimwebdrawer/webdrawer/webdrawer.dll/webdrawer/rec/5930586)Standard A1 Land Dealing Plan.

[**Figure 6**](http://trimwebdrawer/webdrawer/webdrawer.dll/webdrawer/rec/5930587)A3 Land Dealings plan referenced to A1 (Fig 5)..

[**Figure 7**](http://trimwebdrawer/webdrawer/webdrawer.dll/webdrawer/rec/5930589)A1 Land Dealings index plan. (Reduced to A3)

[**Figure 8**](http://trimwebdrawer/webdrawer/webdrawer.dll/webdrawer/rec/5930592)Standard A1 split Land Dealings plan with amendment.

(Reduced to A3)

[**Figure 9**](http://trimwebdrawer/webdrawer/webdrawer.dll/webdrawer/rec/5930593)Standard A1 Rural Land Dealings plan. (Reduced to A3)

[**Figure 10A**](http://trimwebdrawer/webdrawer/webdrawer.dll/webdrawer/rec/5930595)Standard A1 Control of Access plan for Gazettal. (Reduced to A3)

[**Figure 10B**](http://trimwebdrawer/webdrawer/webdrawer.dll/webdrawer/rec/5930597)Standard A1 Control of Access Consent Agreement Master plan.

(Reduced to A3)

[**Figure 10C**](http://trimwebdrawer/webdrawer/webdrawer.dll/webdrawer/rec/5930598)Standard A3 Control of Access Consent Agreement

[**Figure 11**](http://trimwebdrawer/webdrawer/webdrawer.dll/webdrawer/rec/5930599)Signing Protocol

# Land Dealings PLAN Checklist

|  |
| --- |
| **DRAWING No:** |
|  |
| **Drawing Component** | **Correct** | **Incorrect** | **Amended** |
| **Title Block** |  |  |  |
| Drawing Number |  |  |  |
| Road Name |  |  |  |
| Description |  |  |  |
| S.L.K. |  |  |  |
| Local Authority |  |  |  |
| Drawing Type |  |  |  |
| File Number |  |  |  |
| Scale |  |  |  |
| Client Title Block |  |  |  |
| **Legend** |  |  |  |
| Land Required  |  |  |  |
| Land Surplus |  |  |  |
| Boundary to be Surveyed |  |  |  |
| Standard Truncation Note |  |  |  |
| Control of Access to be Proclaimed |  |  |  |
| **Notes** |  |  |  |
| Dimensions and Areas Subject To urvey |  |  |  |
| S.L.K. Note |  |  |  |
| Cadastral model Reference |  |  |  |
| Horizontal Datum |  |  |  |
| **Drawing** |  |  |  |
| Road Names |  |  |  |
| Lot and Reserve Numbers |  |  |  |
| Abutting Lot Numbers |  |  |  |
| C/T Numbers |  |  |  |
| Ownership |  |  |  |
| Caveat / Caveator |  |  |  |
| Easements |  |  |  |
| Vesting of Reserves |  |  |  |
| Purpose |  |  |  |
| Areas Required or Surplus |  |  |  |
| C/T Dimensions |  |  |  |
| Land Requirement Line |  |  |  |
| Land Requirement Dimensions |  |  |  |
| North Point |  |  |  |
| Matchlines |  |  |  |
| Direction Arrows to Towns |  |  |  |
| Grids (optional) |  |  |  |
| Amendment Number nNnnNnNumberumbers/Triangles/Signatures |  |  |  |
| Lodged Survey |  |  |  |
| Native Title Claimants |  |  |  |
| Mining Tenements |  |  |  |
| **Digital File** |  |  |  |
| Seed File |  |  |  |
| Working Units |  |  |  |
| Design file name |  |  |  |
| To be attached to the relevant drawing. |