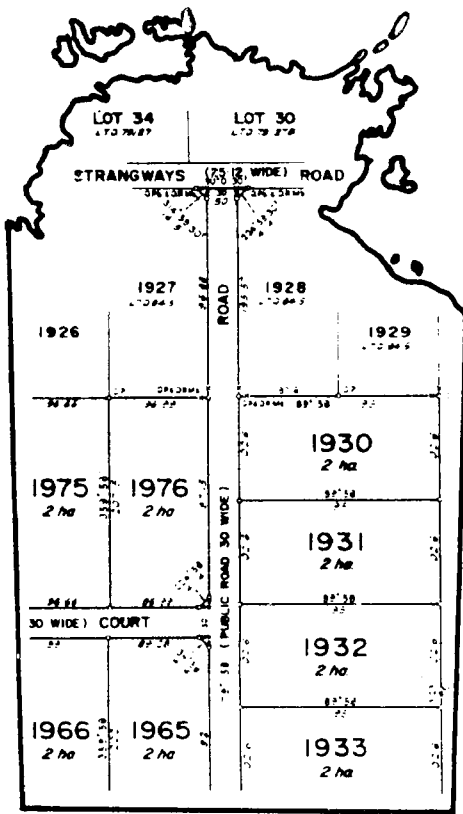


NORTHERN TERRITORY



PLAN DRAWING STANDARDS

APPROVED BY THE SURVEYORS BOARD
OF THE NORTHERN TERRITORY OF AUSTRALIA



NORTHERN TERRITORY

SURVEYORS BOARD

A GUIDE TO
PLAN DRAWING STANDARDS

Approved by the Surveyors
Board of the Northern
Territory of Australia

1986

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INTRODUCTION

These Plan Drawing Standards are a recommended guide and should be complied with to ensure that survey plans are:

- i) drawn to achieve a reasonable standard and uniformity of plan drawing;
- ii) suitable for the purpose of the survey;
- iii) unambiguous and accurate for issue of title;
- iv) an accurate record of the placement of survey marks; and
- v) capable of reproduction at a reduced scale without loss of clarity.

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1. PLAN PRESENTATION

- 1.1 Plans shall be neat, legible and accurately drawn on approved plan forms.
- 1.2 North Point shall only be oriented at 90° to the base of the plan and be of the type depicted on the specimen plans.
- 1.3 Scale shall enable details of the survey to be clearly shown. The subject of the plan must be shown to scale.

The scale shall be selected from the following ratios or multiples of ten thereof:

1:50	1:75	1:100
1:125	1:150	1:200
1:250	1 300	1:400

A bar scale shall be shown on all plans



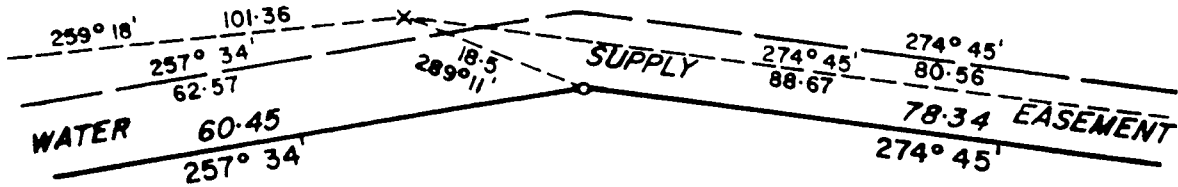
- 1.4 Not to Scale. Information measured or ranged to verify alignments need not be shown to scale. Lines should be clearly broken and proportionally represented where possible.

Reference marks and traverses may be shown not to scale to enable such information to be clearly shown on the plan.

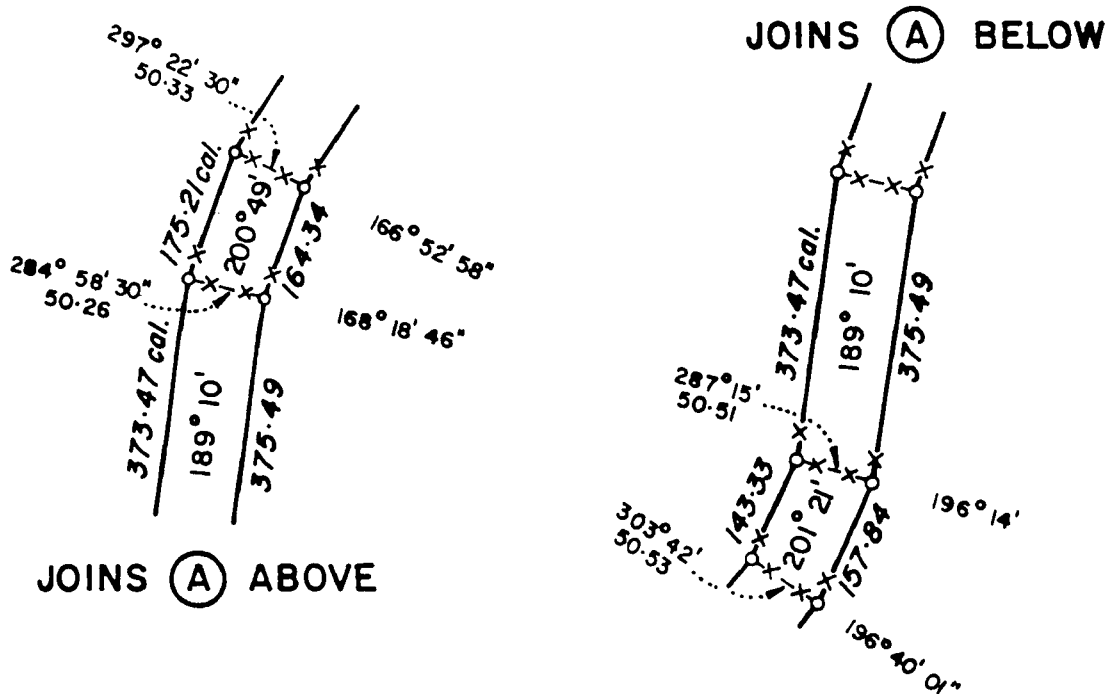
- 1.5 Plans of Town Residential Subdivisions. Scales shall be not less than 1:750.
- 1.6 Reproduction. All work shall be drawn in black waterproof ink of sufficient strength and clarity to bear half scale photographic reproduction.
- 1.7 Abbreviations, when used, shall be in accordance with Schedule 1.
- 1.8 Linework, Lettering and Symbols. Specimen plans at Schedule 3 and diagrams throughout these standards are guides to the quality of draftsmanship and plan presentation.

Linework and symbols should generally conform with those specified at Schedule 2.
- 1.9 Boundaries of subject parcels shall be emphasised in relation to other line work and shown in full lines.

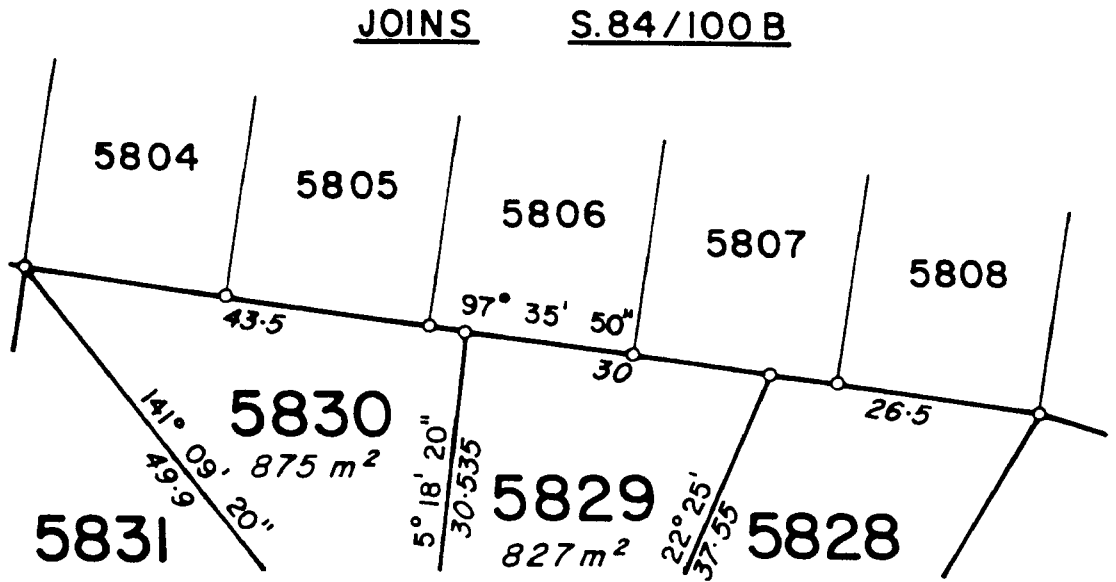
- 1.10 Traverse Lines, Easements, Road Secants, Offsets and Connections shall be shown as broken lines. Care should be taken to differentiate between relative sizes of dashes when traverse lines, easements, etc are shown together on the plan.



- 1.11 Plans to Strip form. The most westerly point of northern or southern boundaries shall be to the north of the plan. The most northerly point of western or eastern boundaries shall be to the west of the 'plan. Strips will be joined as indicated below:



1.12 Plans in a Series. Where plans join, they shall be noted as follows:



2. **HEADINGS AND TITLE PANELS**

- 2.1 Abbreviation in Headings shall not be used other than N.T., L.T.O. and EX.
- 2.2 N.T. Portions not within Hundreds shall contain a description of the locality. Localities are generally derived from Pastoral Lease names, e.g.

**N.T. PORTION 650
BOND SPRINGS LOCALITY**

Sections within Hundreds need not show the County name, e.g.

**SECTIONS 2000 TO 2005 AND
2007
SUBDIVISION OF LOT 4 OF PLAN L.T.O 65/9
HUNDRED OF STRANGWAYS**

Lots within Towns need not show the Hundred and County names. For example see 2.6 and 2.7

- 2.3 Road Openings and Closings. The heading shall be prefixed by the word "Proposed" and show enough information to locate such openings and closings, e.g.

PROPOSED ROAD OPENING
EX N.T. PORTION 1625
KOOLP INYAH LOCALITY

PROPOSED ROAD CLOSING
TODD STREET
TOWN OF ALICE SPRINGS

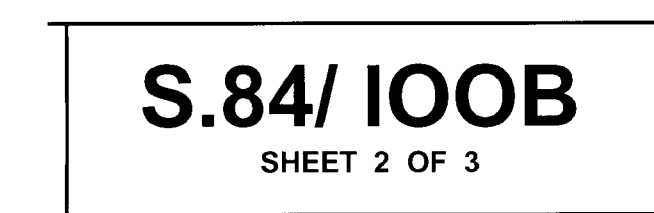
- 2.4 Part Boundary Surveys. The heading shall be shown as follows:

PART BOUNDARIES N.T. PORTION 762
MILTON PARK LOCALITY

Reference is not to be made to cardinal points.

2.5 Plans in a series. Where a survey is of a nature that requires several sheets to show all necessary information, the following is to be adopted:

Plans shall be numbered, e.g. S84/100A, S84/100B, S84/100C and each plan shall show its series number, e.g. sheet 1 of 3, sheet 2 of 3, sheet 3 of 3.



Where a subject parcel cannot be completely shown at a suitable scale on one plan, the headings shall be shown as follows:

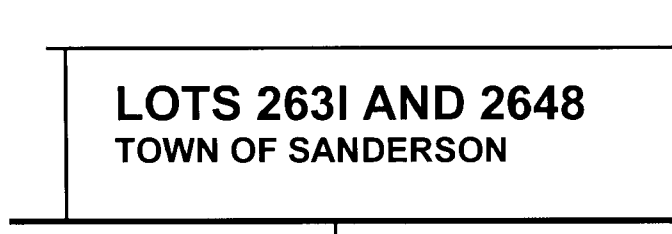
PART OF N.T. PORTION 234

Where a subject parcel can be shown to scale on one plan (A) and another plan (B) is required for enlargements, the headings shall be shown as follows:

Plan (A), N.T. PORTION 345

Plan (B), PART BOUNDARIES N.T. PORTION 345

2.6 Surveys of Crown Land. The heading shall show the subject parcel(s) and may show the parcel(s) being subdivided/consolidated where the parcel(s) can be easily described.



- 2.7 Surveys of Alienated Land. The heading shall include reference to the parcel being subdivided, e.g.

LOTS 2457 TO 2475
SUBDIVISION OF LOT 5
TOWN OF PALMERSTON

<p>LOTS 2457 TO 2475 SUBDIVISION OF LOT 5 TOWN OF PALMERSTON</p>

- 2.8 L.T.O. Plans. The heading shall show the parcel(s) being subdivided/consolidated, e.g.

SECTIONS 2345 TO 2356
SUBDIVISION OF LOT 56 OF PLAN LTO 65/49
HUNDRED OF STRANGWAYS

LOT 5723
SUBDIVISION OF LOTS 1608 AND 1609
TOWN OF ALICE SPRINGS

- 2.9 Surveyor's Certificate. The surveyor's full name and the date of completion of survey shall be shown.

- 2.10 The Draftsman's or Company Name and the date of completion of plan drawing shall be shown in the space provided.

2.11 Azimuth Block.

Part A. Where azimuth is assumed from an existing survey, the survey plan number shall be shown in the space provided. If the assumed azimuth has been adjusted, e.g. from grid to true, the conversion factor shall be shown.

AZIMUTH Assumed from... <i>S.79/87</i> Observed at

AZIMUTH Assumed from.. <i>LTO.71/13B.</i> .. <i>and adjusted by -30" of arc to obtain true bearings.</i>

Part B. Where azimuth datum is derived from an independent observation, the location of that observation and where required the latitude of the observation and source from which the latitude is derived shall be shown. If more than one observation is taken, one station only shall be nominated and shown in the Azimuth block.

AZIMUTH Assumed from
Observed at .. Δ <i>Stn.4</i>

AZIMUTH
A. Assumed from
B. Observed at Δ .. <i>Stn.4</i>
Latitude Datum.. <i>12°34'30" scaled from Noonamah 10 000 Sheet 5</i>

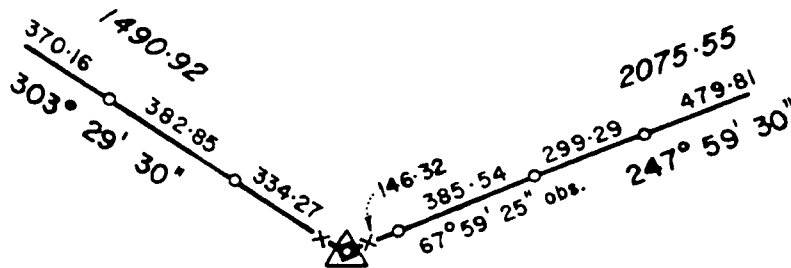
3. **DIMENSIONS**

3.1 Bearings shall be shown in upright figures and in a clockwise direction. The following use of "0" shall be adopted, e.g.

90° not 90° 00' 00"
 141° 00' 30" not 141° 0' 30"
 90° 07' 30" not 90° 7' 30".

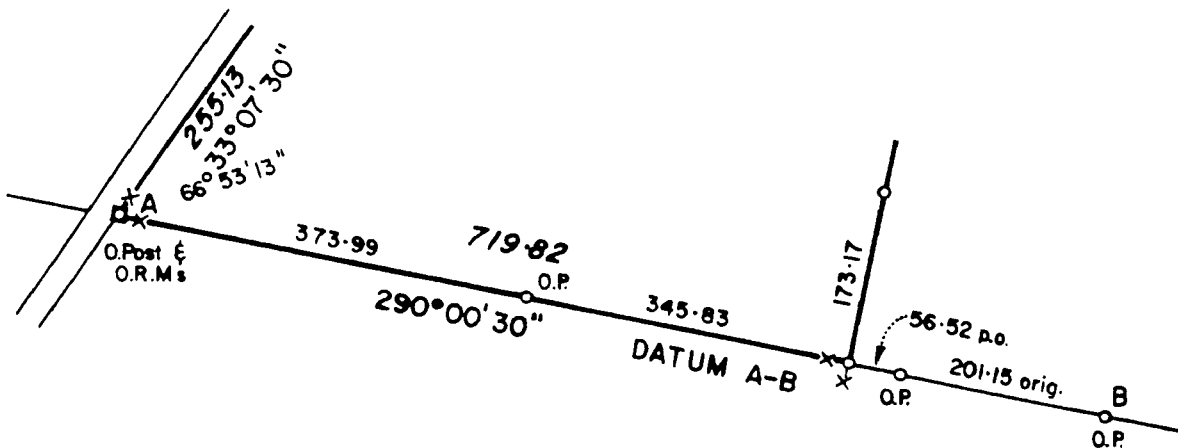
3.2 Bearing Notation. A notation shall be made on the north point of all plans denoting the type of bearing used, e.g. Grid Bearings, Grid Bearings (Berrimah Datum), True Bearings.

3.3 Observed Azimuth Datum. The observation station shall be shown as an equilateral triangle with the observed bearing recorded to one second of arc.



3.4.1 Assumed Azimuth Datum. The azimuth datum shall be shown in the title panel.

3.5 Alignment Datum shall be shown on the face of the plan and indicated by capital letters, e.g. A, B, C.



3.6 Angles. All angles shown on the plan shall be as read and in upright figures.

- 3.7 Distances. A total distance shall be shown on each boundary of a subject parcel. Total distances shall be shown in sloping figures and inside the subject parcel where possible. All other distances shall be shown in smaller upright figures.

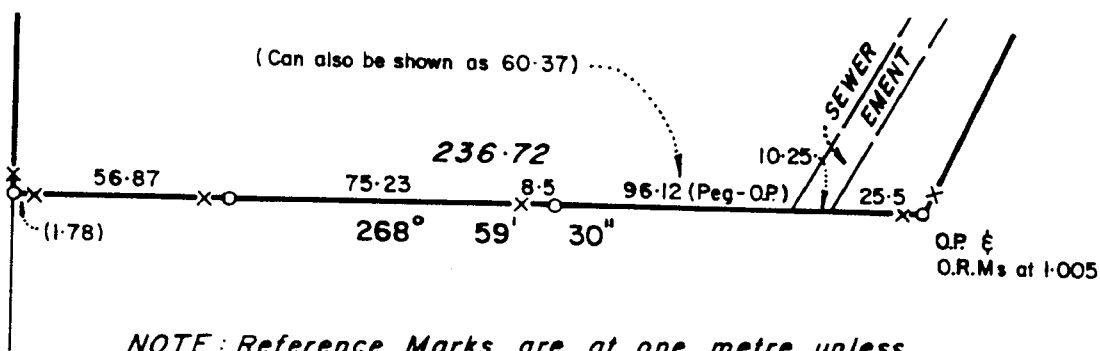
The use of "0" shall be restricted e.g.

0.75 not .75
 25 not 25.0
 45.5 not 45.50
 36.66 not 36.660

The only exception is one metre which shall be shown as 1.0

- 3.8 Intermediate Distances shall be shown to determine the location of intermediate survey marks.

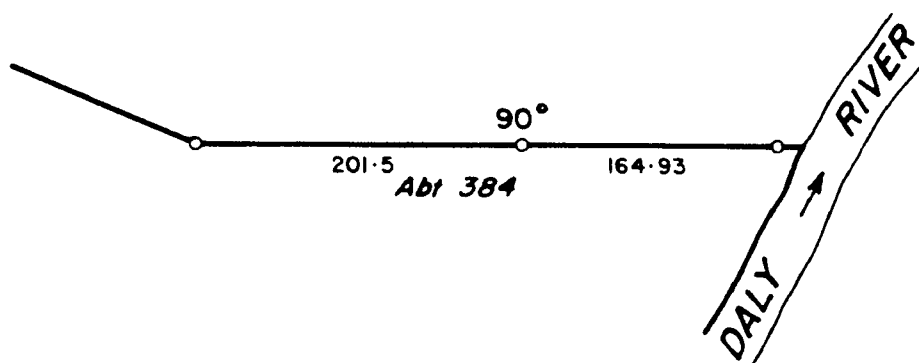
Reference marks at corners are not to be classified as intermediate marks.



NOTE: Reference Marks are at one metre unless otherwise shown.

Explanation : (1.78) is included in distance 56.87
 56.87 is distance peg - peg
 75.23 is distance peg - R.M.
 8.5 is distance R.M. - peg
 96.12 is distance peg - O.P.
 60.37 is distance peg - Easement boundary
 25.5 and 10.25 are Easement information

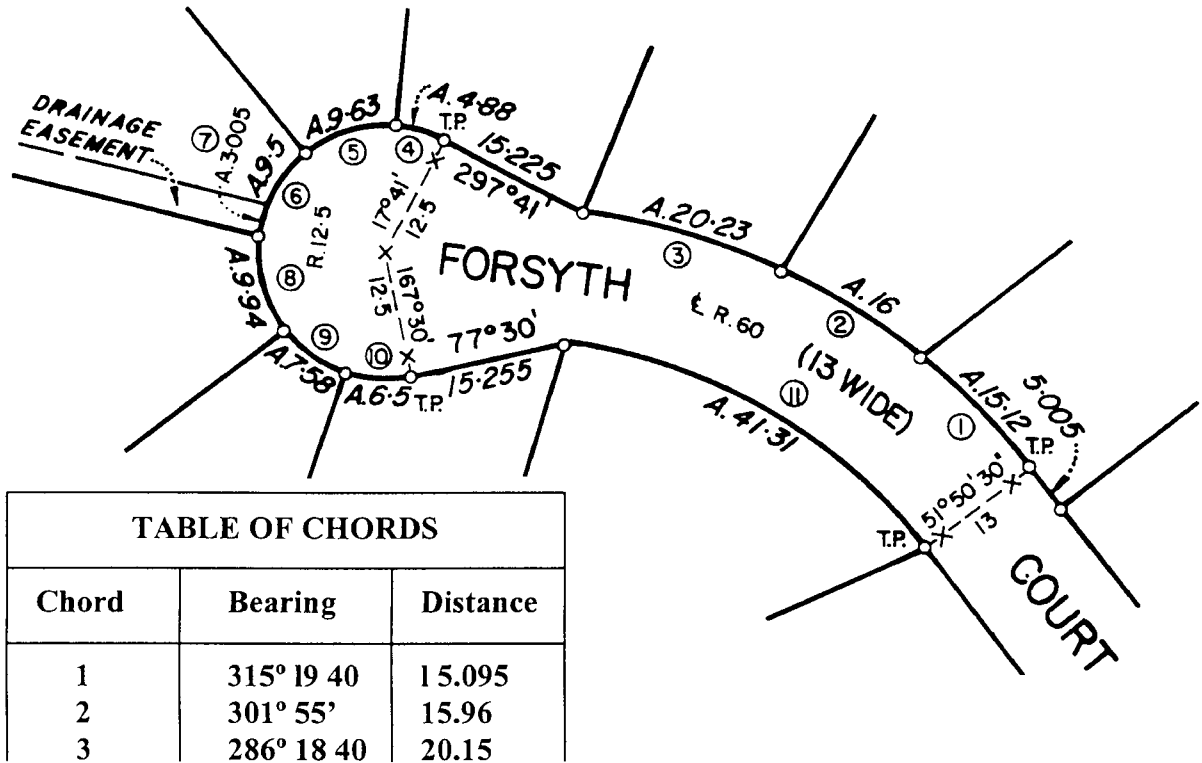
- 3.9 Distances Terminating at Water Features shall show the overall distance prefixed by the abbreviation "Abt".



3.10 Dimensions of Curved Boundaries. Arc distances shall be shown preceded by the letter A.

The centerline radius of a curved road shall be shown within the road boundary, e.g. $\text{C} \text{ R}.60$. The radius of curved boundaries shall be shown adjacent thereto or in a suitable plan notation.

Chord bearings and distances shall be tabulated.



3.11 Survey Marks on Curved Boundaries. Only parcel corner pegs and tangent point pegs shall be shown on the plan. Intermediate pegs placed shall not be shown.

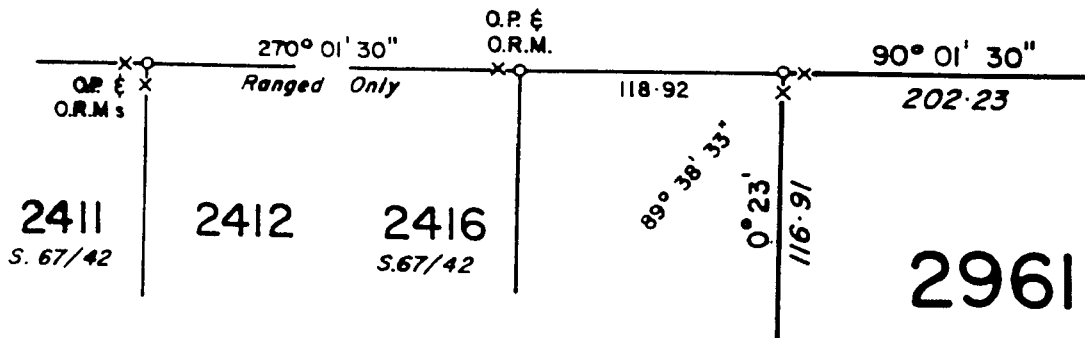
3.12 Adoption of Original Dimensions. Any bearing, distance or angle adopted from a previous survey shall be designated orig. or p.o. (per original) as the case may be.

Where existing information is used to establish a surround, the word orig. shall be shown after bearings and distances. Intermediate distances shall not be shown.

Where a line comprises existing and new work, the existing part shall be shown as orig. and the total distance as p.o.

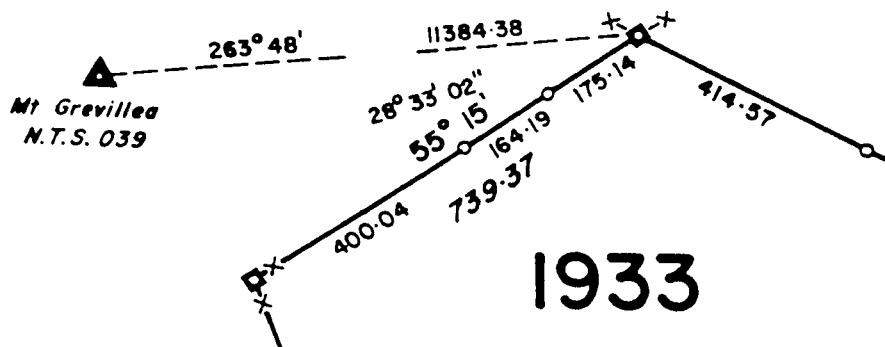
Where original bearings are adopted and rounded off or adjusted for convergence, the bearings shall be shown as p.o.

- 3.13 Ranged Only Alignments fixed by original marks but not verified by measurement shall be shown as Ranged Only.



- 3.14 Connections to Isolated or Distant Features shall be shown either on the plan (preferable) or in the locality diagram.

Connections to Control Stations shall show the relevant station name and number, and may show Geographical Co-ordinates if relevant to the survey.



- 3.15 Connections to Isolated Parcels. Areas to be surrendered or acquired from titles shall show connections by rectangular co-ordinate distances to a corner of the subject title. See example in Locality Diagrams at 5.16.
- 3.16 Alignment Offsets and Traverses. Where a boundary has been pegged by skew or parallel offsets and the offset is 5 metres or greater, all dimensions on the boundary shall be shown as calculated (cal). Information on traverses may be shown not to scale where practicable.

Where offsets are less than 5 metres, the boundary shall be treated as having been measured. Offset lines and traverses should be avoided where possible and offset marks shown by a direct connection to boundary marks.

3.17 Traverses and Road Secants. All bearings and distances shall be shown upright.

Where traverses or secants are subject to intermediate marks, only intermediate distances shall be shown.

Unmarked Traverses shall not be shown on plans. Features connected by an unmarked traverse shall show a calculated direct connection or a calculated rectangular co-ordinate connection.

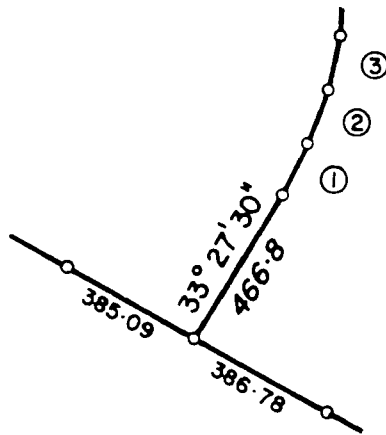
3.18 Tabulations may be used to show information where it is not possible to show such information on the face of the plan.

Lines or corners may be numbered or lettered to identify information for tabulations. The letters "I" and "O" shall not be used.

Tabulations may be used to show consecutive short boundary lines, traverses, secants, reference marks, and reference trees.

The bearings and distances of chords on curved boundaries shall be tabulated.

All information shall be shown upright.



BOUNDARY LINES		
Line	Bearing	Distance
1	29° 22' 30"	144.73
2	25° 17' 30"	145.35
3	17° 07'	145.35

REFERENCE		TREES		
Stn	Bearing	Distance	To	Mark
1	146° 20'	14.45	Cedar	A 1
6	3° 50'	5	Ironwood	A 6
8	88° 03'	16.16	Ironwood	A 8

4. SURVEY MARKS

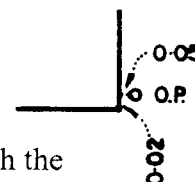
- 4.1 Symbols for all survey marks shown on plans shall be in accordance with Schedule 2.
- 4.2 Descriptions. Survey mark descriptions, e.g. O.P., O.R.M. shall be in upright letters and oriented to the base of the plan.
- 4.3 Original Survey Marks

(a) The following abbreviations shall be used on plans.

Original Concrete Post	O.C.P.
Original Concrete Block, Survey Plaque in conc.	O.C.B.
Original Wooden Post	O.Post
Original Peg or Stake	O.P.
Original Reference Mark	O.R.M.
Original Lockspit	O.L.
Original Reference Tree	O.(Type of tree)

(b) Marks found, removed, gone, renewed or replaced, that were previously recorded on plans deposited with the Surveyor-General, shall be described in accordance with the following examples:

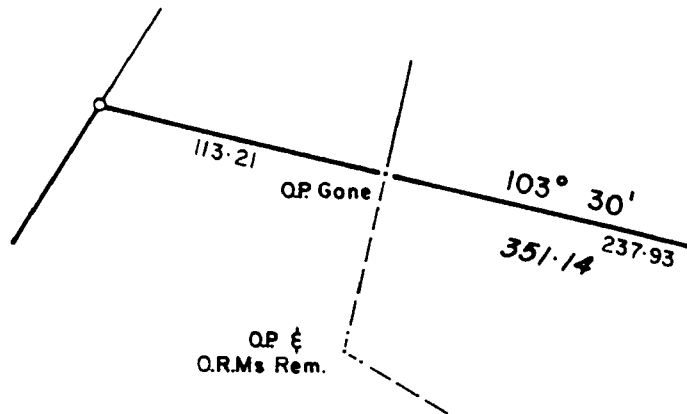
Original Peg found	O.P.
Original Peg gone	O.P. Gone
Original Peg gone and replaced by a similar or other mark	Mark Symbol only shall be shown.
Original Peg removed	O.P. Rem.
Original Peg removed and renewed	O.P.R.
Original Peg Disturbed and Adjusted	O.P.
Original Peg Disturbed	Show actual Position, e.g.



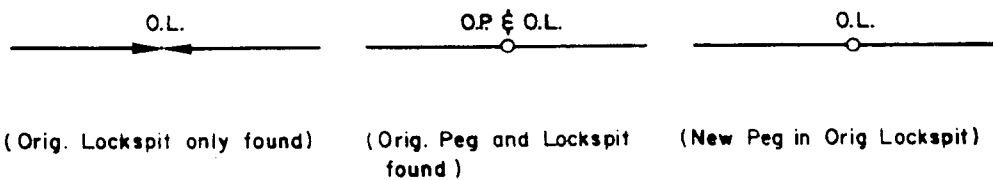
(c) Marks found that were not previously recorded on plans deposited with the Surveyor General shall be described as follows:

Concrete Post	C.P. Fd
Concrete Block	C.B. Fd
Wooden Post	Post Fd
Peg or Stake	Peg Fd
Reference Mark	R.M. Fd

- 4.4 Marks Gone or Removed. Where original survey marks are gone or have been removed, a dot shall be used to indicate the position together with the appropriate description.



- 4.5 Original Lockspits shall be shown by symbol, only if no other marks were found or placed at the time of survey.



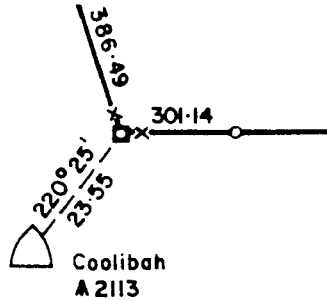
- 4.6 Reference and other Survey Marks may be described on the plan where desirable, e.g. D.H. in kerb, Mark on pipe, Nail in bitumen.

Where a reference mark is not on the alignment of or at right angles to a surveyed line, the bearing or angle and distance to the mark shall be shown.

Where R.M.s are at a uniform distance, a notation to that effect may be shown on the plan, e.g. Reference Marks are at one metre unless otherwise shown.

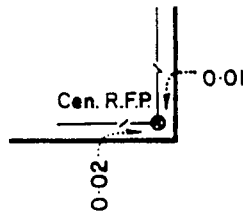
Reference Mark data may be tabulated. See tabulations at 3.18.

- 4.7 Reference Trees. Where a blazed tree is used to reference a survey mark, it can be tabulated or shown as follows:

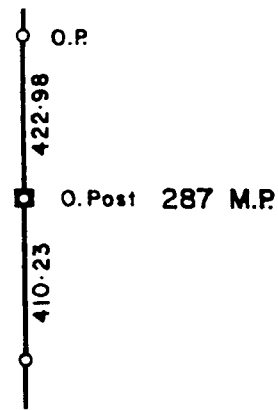
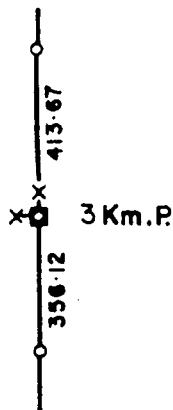


- 4.8 Fence Posts. Where a fence post is not the corner, its position may be shown diagrammatically.

For Fence Post abbreviations see Schedule 1.



- 4.9 Kilometre/Mile Posts. Posts that are described in the field book as Kilometre/Mile Posts shall be shown on the plan as such.



- 4.10 Numbering of Pegs. Numbers on pegs on long lines are to be shown on the plan.

5. GENERAL

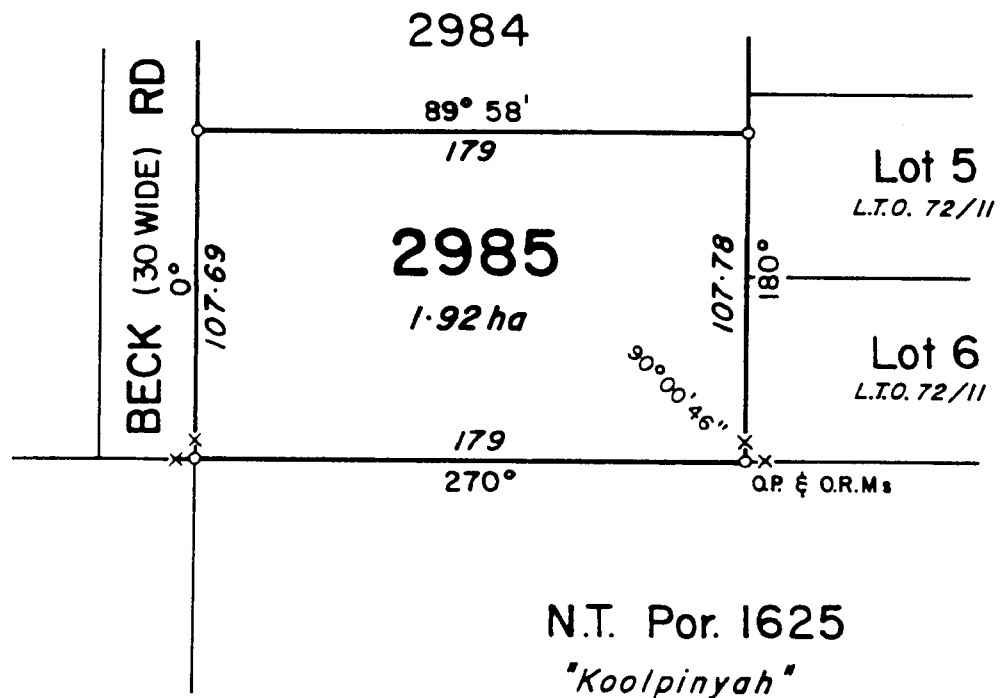
5.1 Parcel Descriptions. Lot, Section and Portion numbers shall be shown upright and oriented to the base of the plan.

5.2 Abuttals of subject parcels shall be shown together with their relevant plan number.

Abuttals of different classification to the subject parcel shall be shown by prefixing the parcel number by its classification.

Where the abuttal is a pastoral lease, only the parcel description and pastoral lease name shall be shown.

Important natural features in close proximity to a subject boundary not shown in the field book may be shown on the plan from other available data.



5.3 Areas shall be shown in sloping figures, parallel to and below the parcel number wherever possible.

- 5.4 Area of Surrender/Acquisition. A notation shall be shown on the plan stating the total area to be surrendered/acquired from a title if that area is not already shown on the plan, e.g.

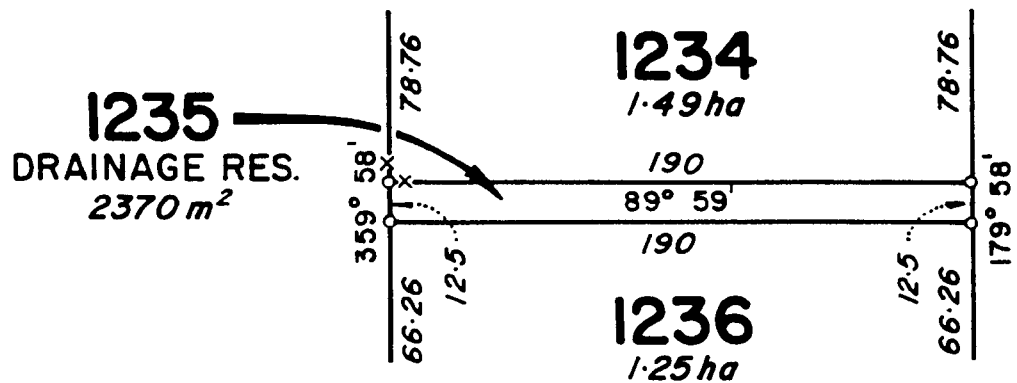
Area to be surrendered/acquired from Lot 2 (C.L.T. 37) is 1.52 ha.

For example of Road Acquisition see Roads at 5.6.

- 5.5 Reserves. On L.T.O. plans only the type of reserve as specified in the Planning Instrument shall be shown directly under the relevant parcel number.

A notation shall be shown on the plan that the reserve will vest in the Service Authority specified in the Planning Instrument, e.g.

Drainage Reserve (Lot. 1235) is vested in the Darwin City Council.



- 5.6 Roads. Road names shall be shown in upright capitals. Where roads have yet to be named, provision should be made for future addition to the plan.

Road widths shall be shown where the road serves as an abuttal and the width is not immediately obvious from information already shown on the plan. Where a road is subject to widening, the overall width of the road shall be shown.

Where "road" is being created, the area shall be designated on the plan as either

- (i) PROPOSED ROAD OPENING, to be shown on plans of acquisition proposals or where Proposed Road Opening is the subject of the plan, or
- (ii) PUBLIC ROAD or PUBLIC ROAD (WIDENING), to be shown in all other cases.

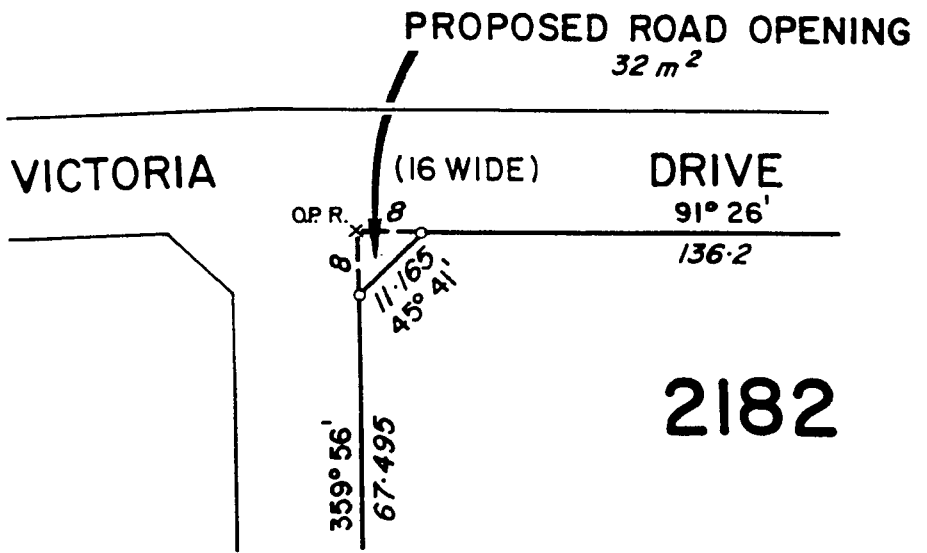


DIAGRAM (i)

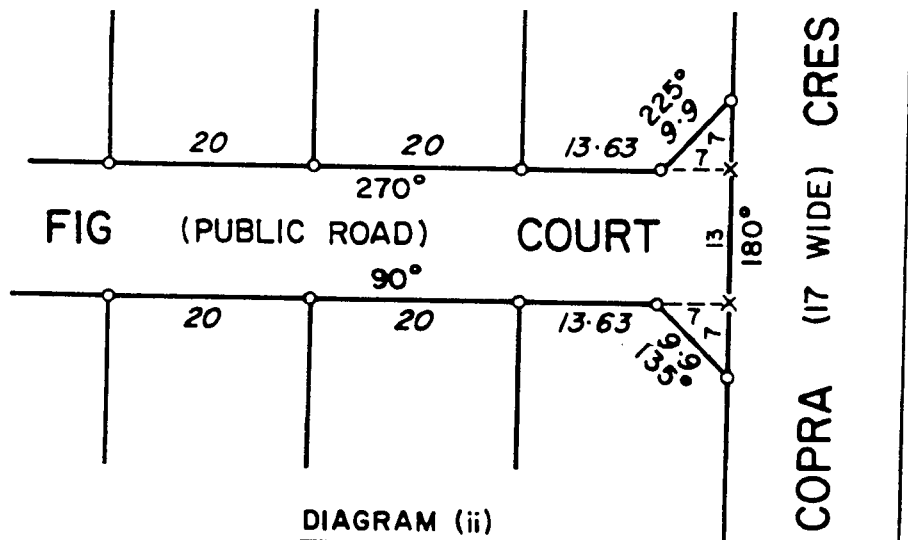


DIAGRAM (ii)

On plans of acquisition proposals, the area of the road to be acquired shall be shown on the plan. The area of each acquisition shall be shown either:

- i) on the face of the plan (see diagram (i) on page 22),
- ii) in a notation, e.g.

Area of road to be opened ex Lot 924 (now Lot 2182) is 32m²; or

- iii) in a schedule.

SCHEDULE OF ROAD ACQUISITIONS		
EX LOT	AREA	BALANCE PARCEL DESCRIPTION
11 of L.T.O. 71/13B	807 m ²	Sec. 1815
12 of L.T.O. 71/13B	778 m ²	Sec. 1814
13 of L.T.O. 71/13B	951 m ²	Sec. 1813
14 of L.T.O. 71/13B	778 m ²	Sec. 1812
15 of L.T.O. 71/13B	778 m ²	Sec. 1811
16 of L.T.O. 71/13B	778 m ²	Sec's 1804 & 1810

On plans showing PROPOSED ROAD CLOSING the area of the road to be closed shall be shown where appropriate for future disposal.

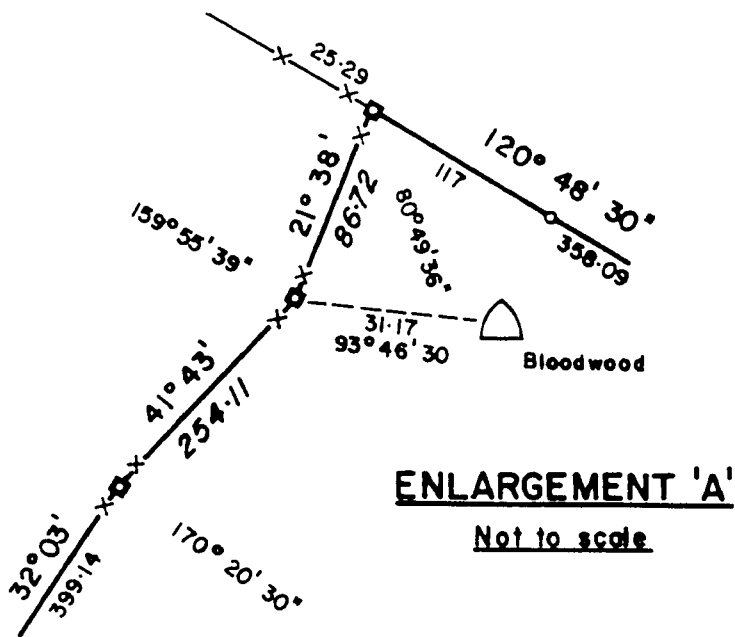
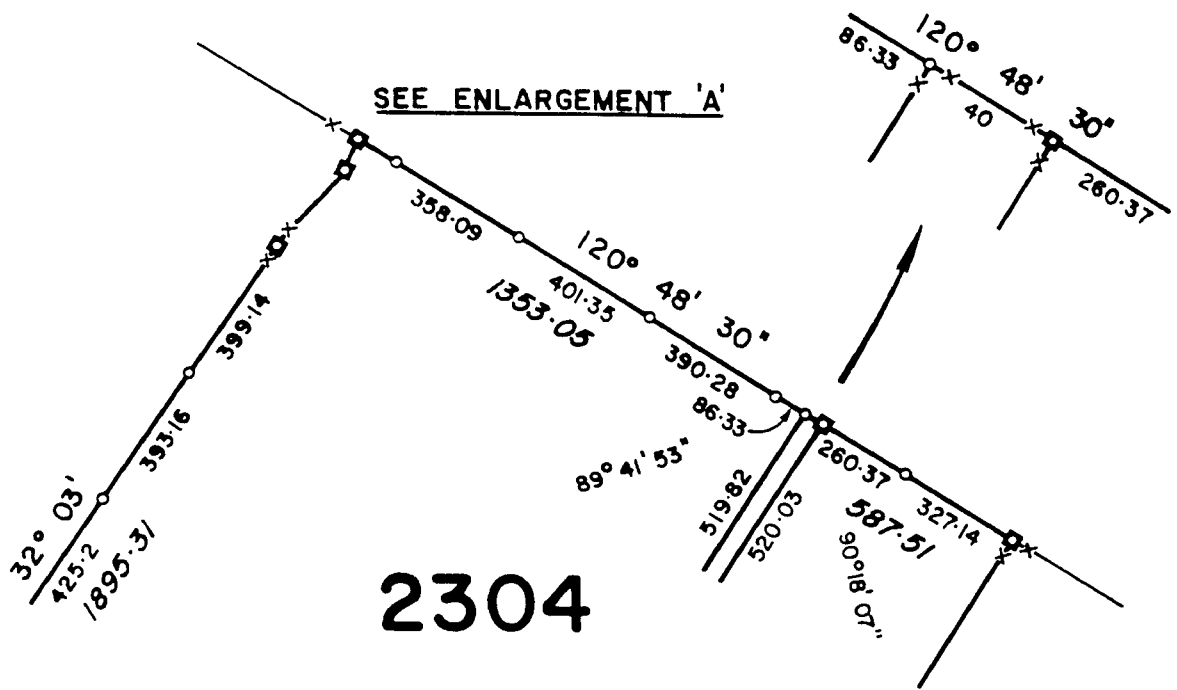
L.T.O. Plans only shall show that Public Road will vest in the Territory, even though the road may be within a Municipality, e.g.

Public Roads are vested in the Territory.

5.7 Enlargements shall be clearly defined as such and the relevant scale shown.

Where more than one enlargement is used on a plan, each enlargement shall be identified e.g. Enlargement A, Enlargement B.

Arrows shall not be used to indicate the position of enlargements except in minor cases. In such cases, identification and scale need not be shown.



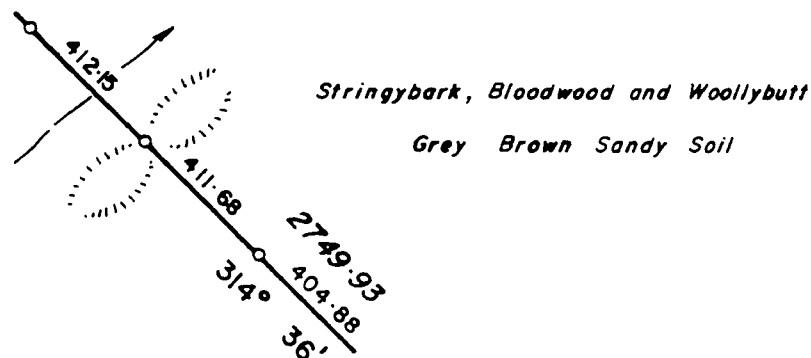
- 5.8 Arrowing of Information. To preserve clarity, an arrow may be used to indicate the position of information. Where possible, the information should be written parallel to the line in question
- 5.9 Water Features. Names of rivers, seas and lakes shall be shown in sloping capitals and other water features in sloping upper and lower case.

Water features, where accurately located, shall be shown in full lines and labelled as the case maybe, e.g. H.W.M., L.W.M., Top of Bank etc. Where not determined accurately, broken lines shall be used.

An arrow shall be shown to denote the direction of flow of any watercourse.

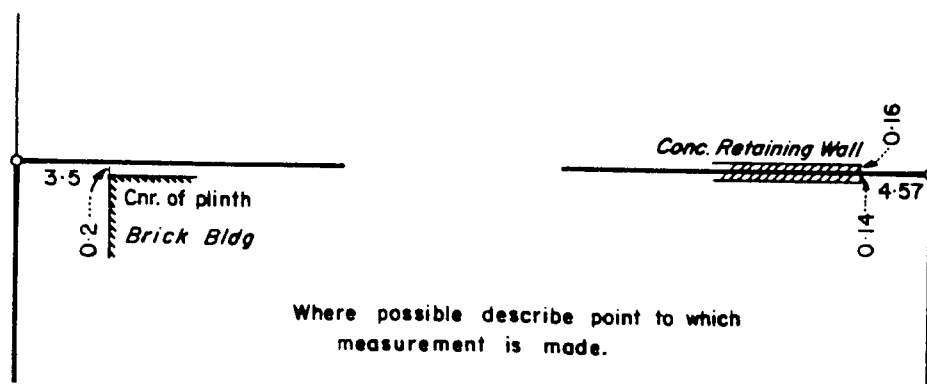
Offset distances from surveyed boundaries to river banks etc. shall not be shown on the plan.

- 5.10 Topographical Features. Land/flora classification and topographical features shall be shown in sloping upper and lower case single stroke lettering and should be oriented to the base of the plan wherever possible.

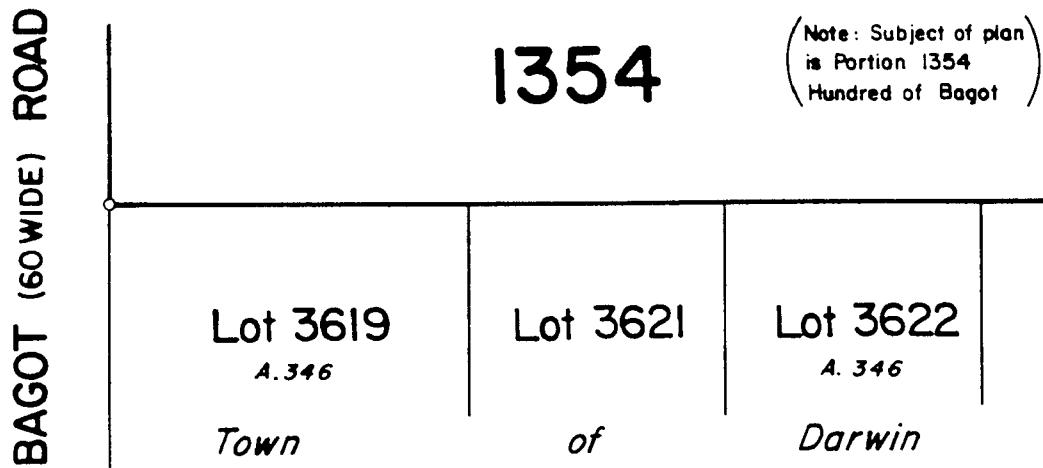


- 5.11 Improvements on or near the line of survey shall be shown on the face of the plan.

Distances to improvements on or near the line of survey are to be shown on the plan if they are of sufficient accuracy to enable the improvements to be used as reference marks.



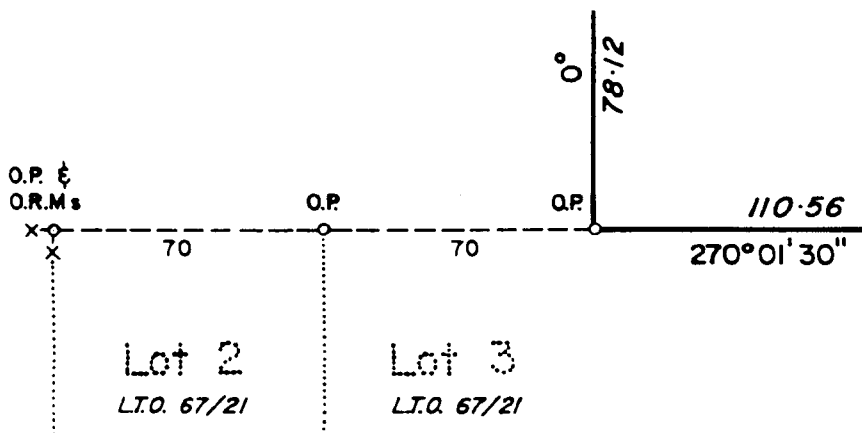
- 5.12 Towns, Hundreds, Counties and States shall be identified by name where necessary. Boundary symbols shall not be shown.



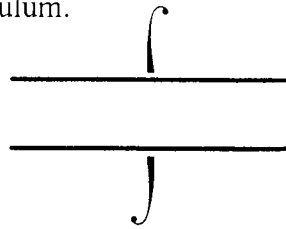
- 5.13 Reference to Superseded Plans. Where a new plan supersedes part or all of an existing plan, a note to that effect shall be shown in the top left corner of the plan.

Supersedes Dia 358 and part of O.P. 1278 and S81/021

- 5.14 Superseded Parcels. Numbers and boundaries of superseded parcels shall only be shown where no other information is available to identify the subject survey. The superseded parcel numbers and boundaries shall be shown in dotted figures and dotted lines, respectively.



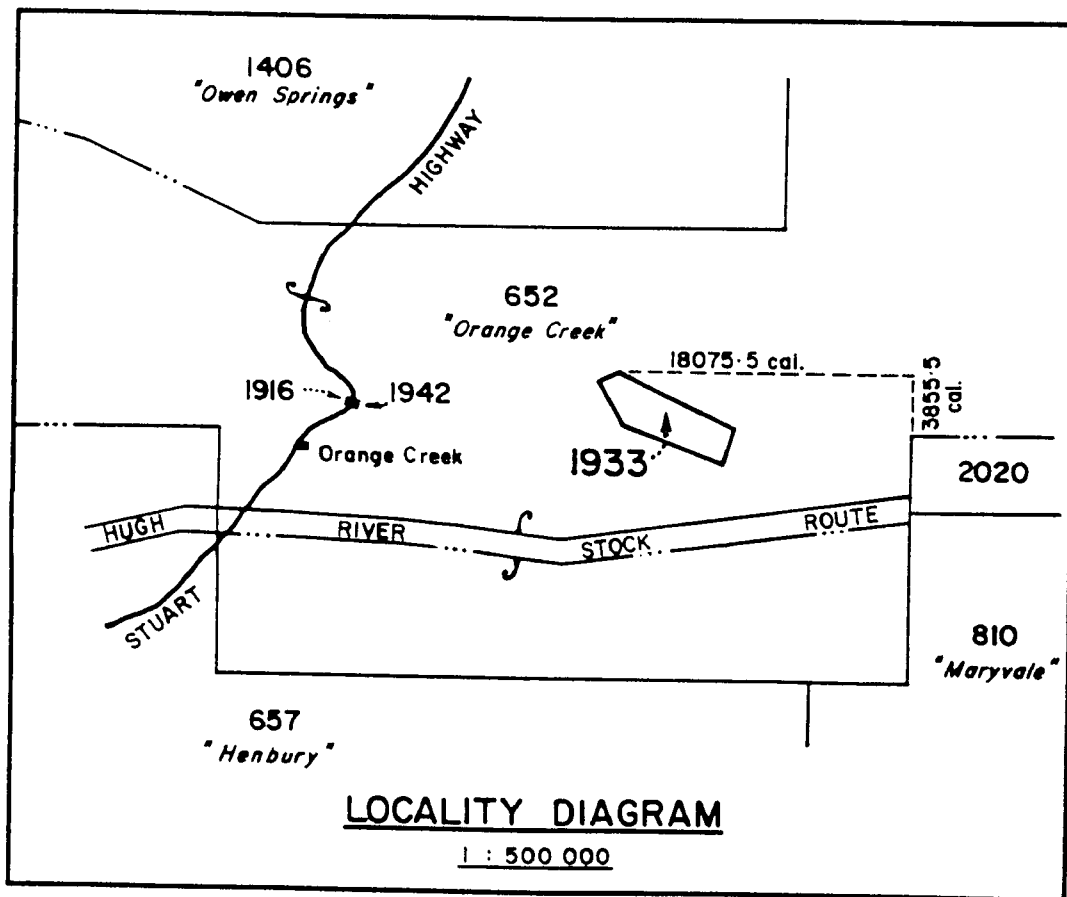
- 5.15 Vinculum. Where a parcel is severed by a road or other feature, the severences shall be tied together with a vinculum.

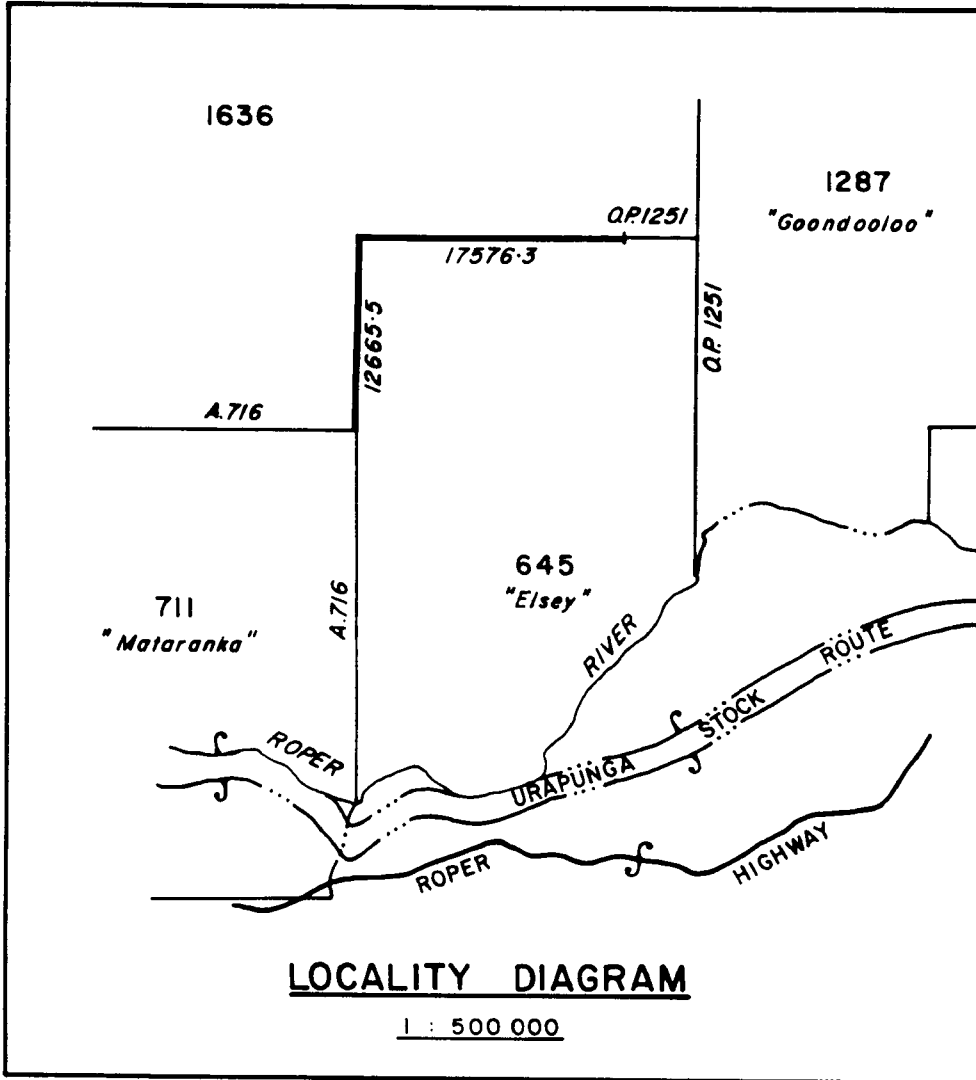


- 5.16 Locality Diagram. Plans of isolated surveys shall show a locality diagram and can be used to show surveyed or calculated connections. See also Connections to Isolated Features at 3.14 and 3.15.

Surveys of rural parcels where only part of a boundary is surveyed, shall show a locality diagram, e.g. Pastoral Leases. The diagram shall emphasise the surveyed line and show total distances. See diagram on Page 28.

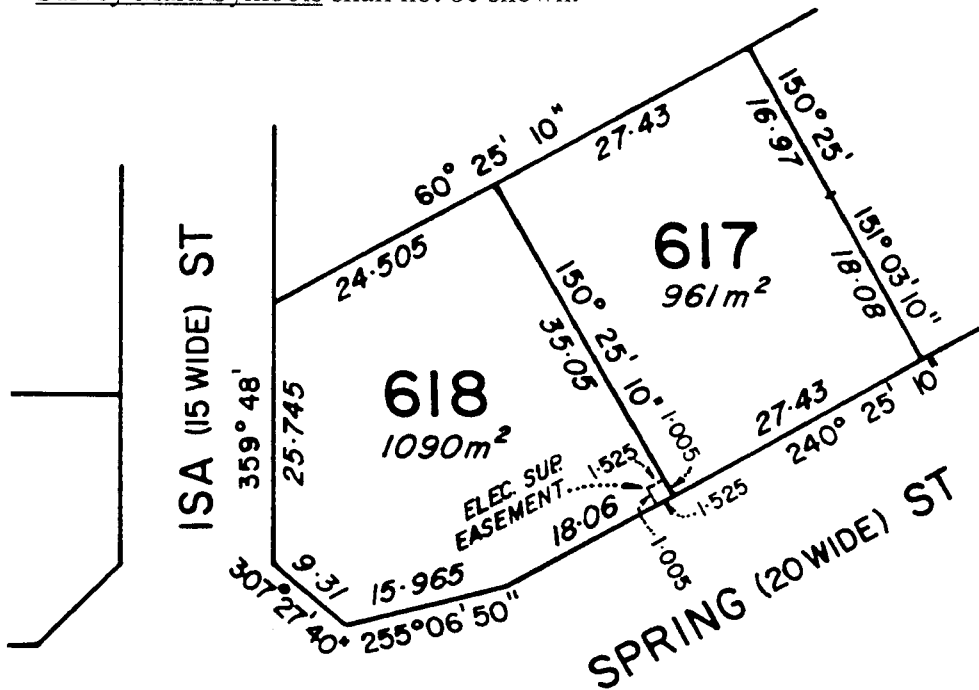
Locality Diagrams should generally be compiled from the 1:500,000 cadastral map series of the Northern Territory.





6. COMPILED PLANS

- 6.1 Bearings, total distances and areas shall be shown. The terms orig. and p.o. shall not be used.
- 6.2 Bearings shall be adjusted to a common azimuth datum where relevant, with the adjustment details recorded in the azimuth block.
- 6.3 Survey Mark Symbols shall not be shown.



- 6.4 Surveyor's Certificate. The surveyor's certificate shall be as shown in the following example.

SURVEYOR'S CERTIFICATE	
I, <u>JOHN.. WILLIAM.. SMITH</u>	
hereby certify that the survey represented on this plan was compiled from plans S81/312, S82/012 and LTO 84/099	
.....
Licensed Surveyor	Date

7. EASEMENTS

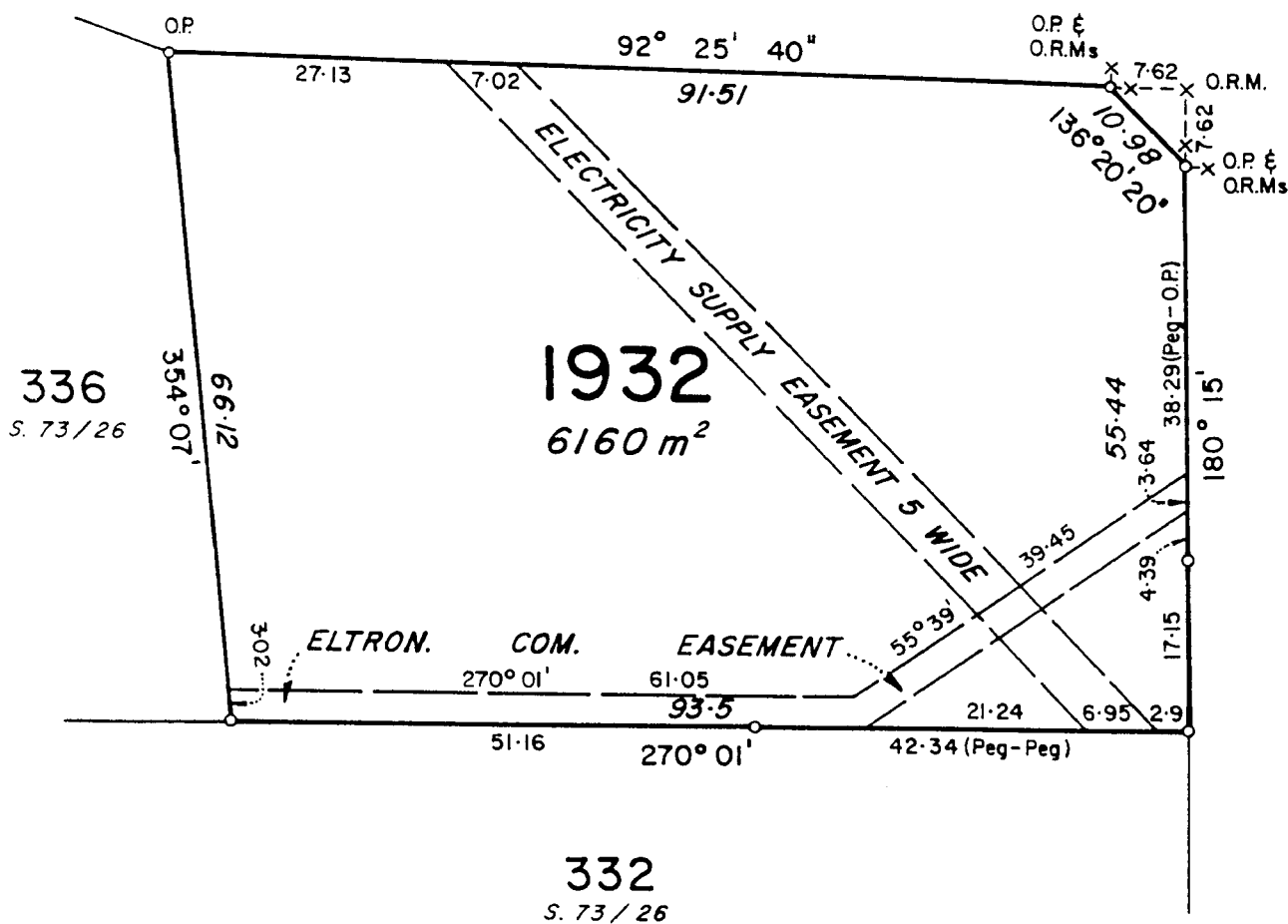
7.1 Boundaries shall be shown by broken lines

7.2 All dimensions shall be in upright figures.

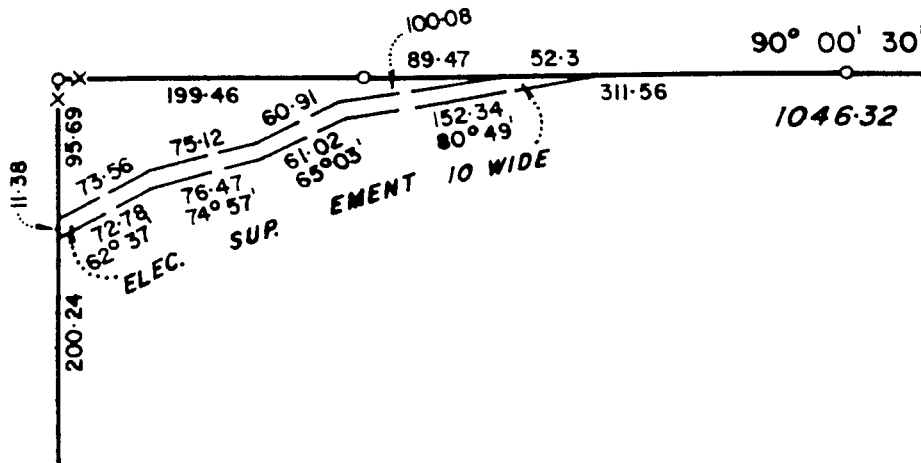
7.3 Easement cuts shall be shown on each parcel boundary. The dimensions shown on the plan should be the minimum r required to avoid ambiguity and to allow that easement to be fixed in the field.

7.4 Information within an easement should be kept to a minimum to accommodate hatching for title purposes.

7.5 Common Easement Areas. Where two or more easements cut across one another, dimensions are not required to define the common areas.



7.6 Widths need not be shown on a plan unless required for clarity.



7.7 Notation. A notation shall be shown on the plan stating the specified Service Authority or party in whose favour the particular easement is intended, e.g. The Electricity Supply Easement is in favour of the Power and Water Authority.

Where an easement on title is to be perpetuated, the type of easement shall remain unchanged and continue to be in favour of the party expressed in that title and such interest should be noted on the survey plan.

7.8 Easement Descriptions should be written parallel to the easement wherever possible.

The following easement descriptions should be adopted where appropriate:

<u>Type of Easement</u>	<u>Abbreviation</u>
Access	Access
Sewerage	Sewer.
Water Supply	Water Sup.
Drainage	Drain
Electricity Supply	Elec. Sup.
Electronic Communications	Electron. Com.
Energy Supply	Energy Sup.
General Service (for all of the purposes of the above)	Gen. Serv.

Where a combination of services share the same land, the easement description shall identify each service, e.g. Drainage and Sewerage Easement, Water Supply and Drainage Easement, Water Supply and Electricity Supply Easement.

PLAN DRAWING STANDARDS

ABBREVIATIONS OF WORDS

About	Abt
Ampersand	&
Approximately	Approx
Arc	A.
Avenue	Ave
Bitumen	Bit.
Boulevard	Blvd
Boundary	Bdy
Brick	Br.
Building	Bldg
Calculated	cal.
Centre Line	Ⓞ
Certificate of Title	C.T.
Circle	Circ
Circuit	Crc
Close	Clse
Concrete	Conc.
Concrete Block	C.B.
Corner	Cor
Court	Ct
Creek	Ck
Crescent	Cres
Datum Post	D. P.
Diagram Book	Dia. Bk.
Drainage	Drain.
Drill Hole	D.H.
Drill Hole and Wings	D.H. & W.
Drive	Dr
Easement	Ement
East	E.
Electricity	Elec.
Electronic Communications	Eltron. Com.
Enlargement	Enlgt
Excluding or Out of	ex
Extractive Mineral Lease	E.M.L.

Fence Posts:	
Fence Post	F.P.
Round	R.
Square	Sq.
Steel	S.
Wooden	W.
Centre	Cen.
Corner	Cor
Field Book	F.B.
Folio	Fol.
Found	Fd
Galvanised Iron	G.I.
Gardens	Gdns
General Service	Gen.Serv.
Grove	Grve
Hectare	ha
High Water Mark	H.W.M.
Highway	Hwy
Homestead	H.S.
Hundred	Hd
Island	Is.
Kilometre	km
Kilometre Post	km P.
Lands Titles Office	L.T.O.
Laneway	Lane
Latitude	Lat.
Longitude	Long.
Low Water Mark	L.W.M.
Mark	Mk
Mile Post	M.P.
Mineral Lease	M.L.
Mount	Mt
North	N.
North-east	N.E.
North-west	N.W.
Northern Territory	N.T.
Northern Territory Survey	N.T.S.
Number	No.
Observed	obs.

SCHEDULE 1

- 34 -

Original	orig.
Original Concrete Block	O.C.B.
Original Concrete Post	O.C.P.
Original Lockspit	O.L.
Original Peg	O.P.
Original Plan	O.P.
Original Post	O.Post
Original Reference Mark	O.R.M.
Overhead	O/H
Parade	Pde
Part	Pt
Pastoral Lease	P.L.
Pathway	Path
Permanent Survey Mark	P.S.M.
Per Original	p.o.
Point	Pt
Place	Pl
Portion	Por.
Power Pole	P.P.
Proposed	Prop.
Radius	R.
Railway	Rly
Reference Mark	R.M.
Removed	Rem.
Reserve	Res.
Right-of-Way	R.O.W.
River	R.
Road	Rd
Saint	St
Section	Sec.
Sewerage	Sewer.
South	S.
South-east	S.E.
South-west	S.W.
Square metres	m ²
Station	Stn
Stock Route	S.R.
Street	St
Tangent Point	T.P.

SCHEDULE 1

Terrace
Township Book
Trigonometrical
Underground
Variable
Volume
Water Hole
West
Wide
Yards (Stock)




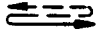
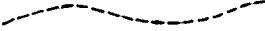
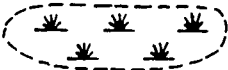
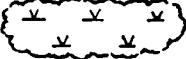








Tce
T.Bk.
Trig.
U/G
Var.
Vol.
W.H.
W.
Wd
Yd.

LINEWORK AND SYMBOLS

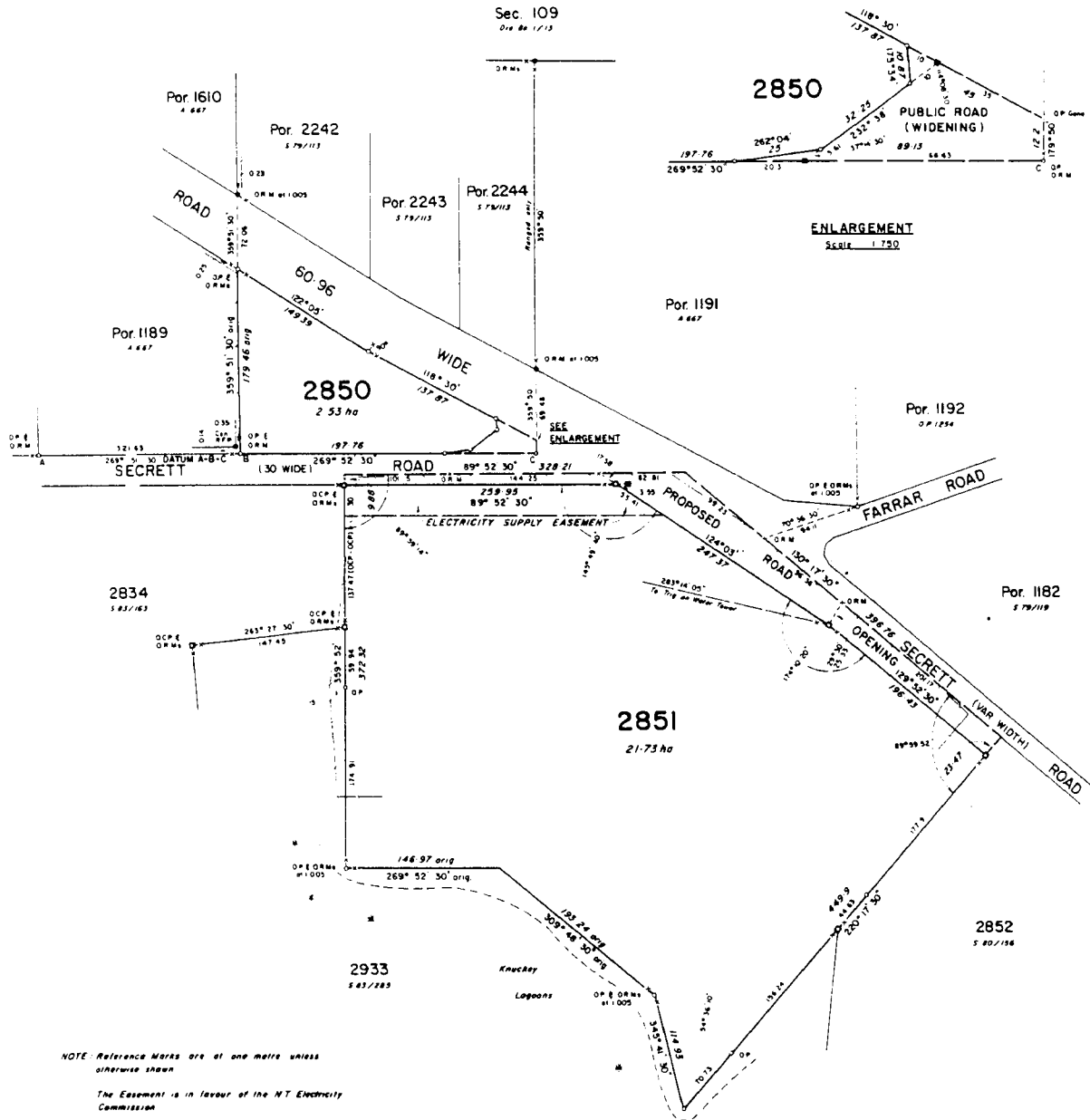
BOUNDARY LINES	SYMBOL	LINE WEIGHT
SUBJECT		0.5
ADJOINING		0.35
TRAVERSE , SECANT		0.25
EASEMENT		0.35
SUPERSEDED		0.35
RAILWAY		0.35
FENCE (On Boundary)		0.25
FENCE (Not on Boundary)		0.25
UNSURVEYED		0.35
GAZETTED TOWN		0.5
HUNDRED		0.5
COUNTY		0.5
STATE		0.5

Note: The above is a recommended format for line thickness. It may be varied if clarity of plan will benefit.

FEATURE	SYMBOL
CONCRETE POST	
CONCRETE BLOCK	
WOODEN POST , PEG , STAKE	
REFERENCE MARK	
FENCE POST	
REFERENCE TREE	
LOCKSPIT	
DATUM POST	

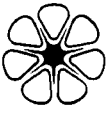

FEATURE	SYMBOL
SUN OBSERVATION STATION	
CONTROL STATION	
ASTRO-FIX STATION	
TIDAL FLOW (Solid line indicates downstream)	
TRACK	
SWAMP	
MANGROVE	
VEGETATION	
HILLS	
EMBANKMENT OR STEEP BANK	
WATERHOLE , WELL , BORE	  
PIPELINE	
BUILDING	

Supersedes part of A.667

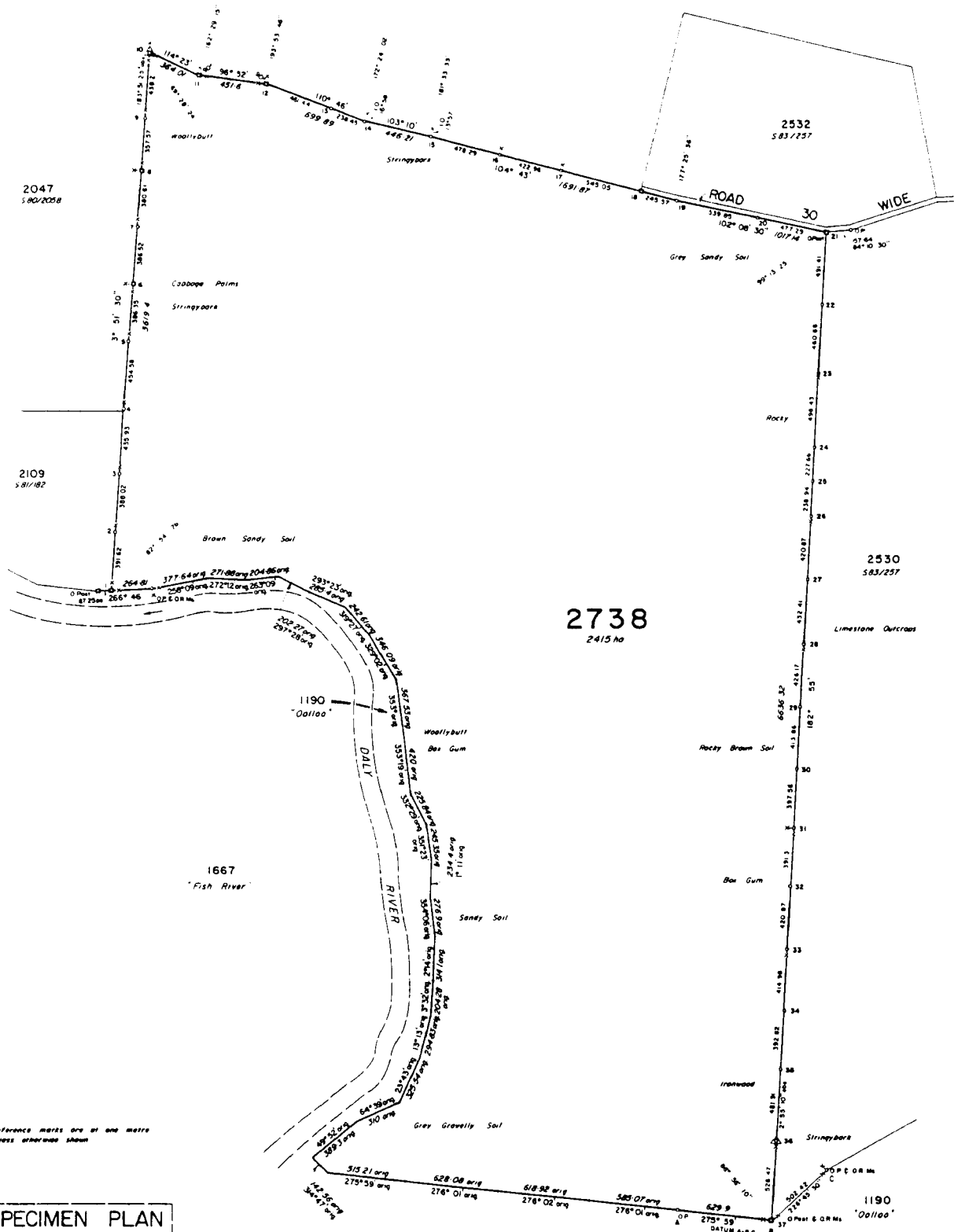


NOTE: Reference Marks are of one metre unless otherwise shown
 The Easement is in favour of the NT Electricity Commission
 Area of road to be opened as Por 1114 (now Sec 2851) is 1.59 ha

SPECIMEN PLAN

 Department of Lands Northern Territory	JOHN WILLIAM SMITH hereby certify that the survey represented on this plan was carried out by me or under my immediate supervision and was completed on 1. 4. 1984 and that this survey has been executed in accordance with the Licensed Surveyors Act and the Directions thereunder.	Field Book S. 84/174 Drawn Moonlight Drafting P/L 21 11 85 Examined	 Grid Beamings Berrimah Datum	LEGEND Concrete Post Concrete Block Peg or Wooden Post Reference Mark Lockspot Fence Post	SECTIONS 2850 AND 2851 HUNDRED OF BAGOT
	Licensed Surveyor Date	Map Reference			
SURVEY APPROVED	Date	Date	Date		

Supersedes part of S.81/182 and S.80/205B



NOTE Reference marks are of one metre UNLESS OTHERWISE SHOWN

SPECIMEN PLAN



JOHN WILLIAM SMITH
 hereby certify that the survey represented on this plan was carried out by me or under my immediate supervision and was completed on **21. 11. 1985** and that this survey has been executed in accordance with the Licensed Surveyors Act and the Directions thereunder

Licensed Surveyor Date

SURVEY APPROVED

Surveyor-General Date

Field Book
S. 84/250
 Drawn
Moanighi Drafting P/L
 21. 11. 85
 Examined

Map Reference



True Mid Bearings

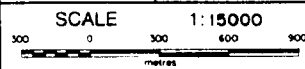
AZIMUTH

Assumed from **S. 80/205B**

Observed at

- LEGEND**
- Concrete Post
 - Concrete Block
 - Peg or Wooden Post
 - × Reference Mark
 - Lockpost
 - ⊗ Fence Post

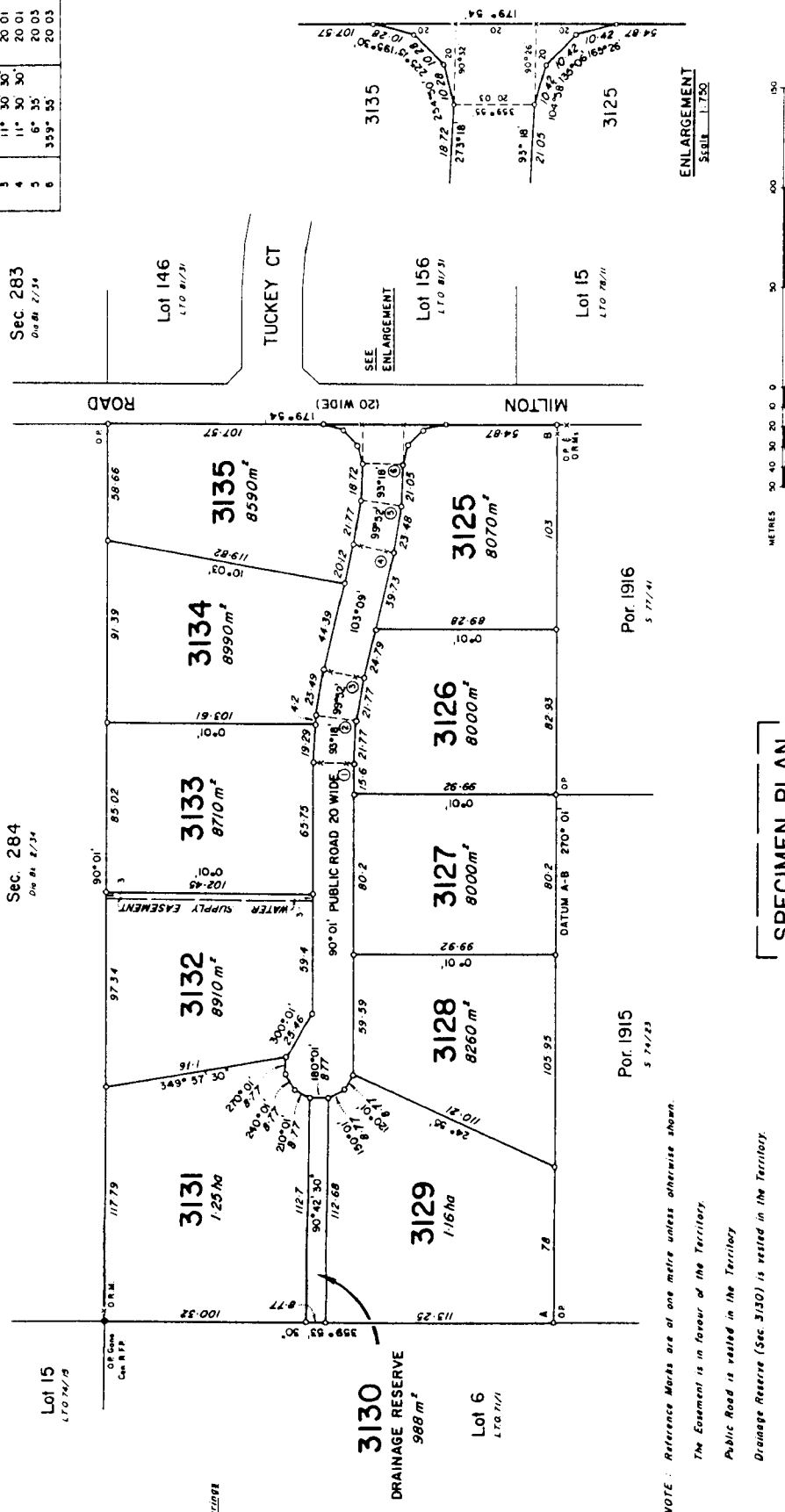
N.T. PORTION 2738
OOLLOO LOCALITY



S. 84/250

Supersedes part of L.T.O. 71/1

Line	Bearing	Distance
1	1° 39' 30"	20.01
2	6° 35'	20.03
3	11° 30' 30"	20.01
4	11° 30' 30"	20.01
5	6° 35'	20.03
6	359° 55'	20.03



ENLARGEMENT
SCALE 1:750

SPECIMEN PLAN

SURVEYOR'S CERTIFICATE
I, **JOHN WILLIAM SMITH** hereby certify that the survey registered on this plan was carried out by me or under my immediate supervision and is certified to be correct in accordance with the provisions of the Licensed Surveyors Act and the Regulations thereunder.

Licensed Surveyor: _____ Date: _____

L.T.O. REGISTRATION
Lodged on: _____ at _____
Instrument Number: _____ at _____
Registered on: _____
by me: _____
Registrar-General: _____

CONSENT OF PROPRIETOR OF REGISTERED INTEREST(S)
Consent is hereby given to the proposed subdivision as depicted hereon.
Signed: _____ P/A 29899
Avalon and New Zealand Banking Group Limited.

SUBDIVISION APPLICATION TO THE REGISTRAR-GENERAL
While hereby applying for registration in section 101 of the Real Property Act, for issue of new titles in accordance with the subdivision hereon:
R S Sully (Director) Date: _____
B D Eeles (Secretary) Date: _____

S.D.S. PTY LTD
Registered Proprietor(s)
CT Volume 78 Folio 97
Volume 45 Folio 68

SURVEY APPROVAL
I, **PETER JOHN WELLS**, the Surveyor-General, being satisfied that Part V of the Planning Act has been complied with, approve the survey under section 49(2) of the Licensed Surveyors Act:
(i) acknowledge on behalf of the Service Authorities designated in the vesting of the Service Statements shown hereon, and (ii) accept on behalf of the Service Authorities specified in the adoption of section 99 of the Planning Act and section 1 of the Control of Roads Act.

Surveyor-General: _____ Date: _____

SECTIONS 3125 TO 3135
SUBDIVISION OF LOT 7 OF PLAN L.T.O. 71/1
Hundred of Bagot

AZIMUTH
A Assumed from S. 77/4/1
B Observed at Moonlight Graving Pit, L. 84

SCALE 1:1500
Drawn by: **Mooney Graving Pit**
L. 84

L.T.O. 84/53
SHEET 1 OF 1

NOTE: Reference Marks are of one metre unless otherwise shown.
The Easement is in favour of the Territory.
Public Road is vested in the Territory.
Drainage Reserve (Sec. 3130) is vested in the Territory.

Sec. 283
Ord. 81, 27/34

Sec. 284
Ord. 81, 2/34

Lot 15
L.T.O. 74/5

Lot 6
L.T.O. 71/1

Lot 146
L.T.O. 81/31

Lot 156
L.T.O. 81/31

Lot 15
L.T.O. 78/11

Por. 1916
S. 77/4/1

Por. 1915
S. 74/23