issued by the surveyors board

of queensland



#### TO: ALL HOLDERS OF THE SURVEY PLAN GUIDELINES

This Board has requested the Survey Plan Guidelines Review Committee to meet on a quarterly basis to review the Guidelines and recommend any necessary amendments.

As a result of the Committee's first meeting, a number of alterations and additions have been made to the publication. These amendments have resulted from changes in Departmental policies, additional information and minor editing.

You should insert the new amended pages attached and disregard the old pages.

A list of the amendments is also included and this should be inserted under the Revision Log at the front of your Guidelines.

P.R. TURNER SECRETARY

12.05.1989

## PREFACE

These Guidelines outline the recommended drafting practices which the Surveyors Board of Queensland believe will satisfy the requirements of the Registering Authorities.

The Guidelines indicate drafting procedures that will ensure:

- . plans submitted are suitable for the purpose of the survey
- . the property is accurately and unambiguously described so that tenure documents based on the plan will be correct
- . the survey data can be incorporated into archives as a resource for future surveys
- . survey marks placed by the survey are accurately recorded
- . the plans can be reproduced on a reduced scale without loss of clarity and quality.

These procedures support Regulation 38 of the Surveyors Regulations 1978, and are directed towards achieving consistancy in the recording of Surveys and Survey Data.

DDEGIDENT CHEVEVORS

PRESIDENT, SURVEYORS BOARD OF QUEENSLAND

ISSUED BY:

THE SURVEYORS BOARD OF QUEENSLAND P.O. BOX 477 WOOLLOONGABBA QLD 4102

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PROVISIONAL EDITION 1978 FIRST EDITION 1983 AMENDMENTS ISSUED 1984 SECOND EDITION 1988

## GENERAL

The amendments to these Guidelines are made by replacement of the applicable page (s). Each amendment page when issued is identified by a revision number, and an updated copy of this Revision Log Page will indicate all the amendments.

These guidelines cancel and replace the previous 1983 Survey Plan Manual and the Amendments issued 1984.

Damie

14th September 1988

Date

President, Surveyors Board

of Queensland

REVISION LOG

SUBJECT

PAGE

REVISION NO.

REVISION DATE

Department of Propertion of Properties

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## I.I ABBREVIATIONS - GENERAL

For use where space prevents use of full word. A limit of three consecutive letters is preferred eg. Cen.face S.F.P. or C.face S.F.P. (Not C.F.S.F.P.)

The full stops - denoting an abbreviation may be omitted.

About	Abt
Addition	Adn
Alignment Spike	A.Spk.
Alluvial Mining Claim	A.M.C.
Application Post	Appln Post
Approximately	Approx.
ARCADE	ARC.
Australian Geodetic Datum	A.G.D.
Australian Height Datum	A.H.D.
Australian Map Grid	A.M.G.
Authority to Prospect	A. to P.
AVENUE	AVE

Balance	Bal
Bank.	Bk
Bitumen	Bit.
Block	Blk
BOULEVARD	BLVD
Brick	Br.
BROADWAY	BDWY
Brook	Brook
Building	Bldg
Business Area	B.A.

Calculated	Calc.
Centre	Cen. (C)
CHANNEL	CHNL
CHASE	CH.
CIRCLE	CCL.
CIRCUIT	CCT
CLOSE	CL.

## I.I ABBREVIATIONS - GENERAL Contd

Coal Mining Lease	C.M.L.
Concrete	Conc.
Connection	Conn
Construction	Constn
Continued	Contd
Corner	Cor
County	Cty
COURT	CT
Creek	Ck
CRESCENT	CRES
	Cius
Datum Post	D.Post
Dead	Dd
Department of Freehold Land Titles	D.F.L.T.
Department of Geographic Information	D.G.I.
Departmental	Deptl
Developmental	Dev.
Diagram	Diag.
Distance	Dist.
Disturbed	Distd
Dog Spike	D. Spk.
Dredging Area	D.A.
Dredging Claim	D.C.
Dredging Lease	D.L
Drill Hole	D.Hole (D/H)
DRIVE	DR.
Easement	Emt
East	E.
Electric Light Pole	E.L.P.
ESPLANADĒ	ESP.
EXPRESSWAY	EXPWY
Extended	Extd
Fence Posts:	
Round Fence Post	R.F.P.
Square Fence Post	S.F.P.
Square Concrete Fence Post	Conc.S.F.P.

## 1.1 ABBREVIATIONS - GENERAL Contd

Fence Posts: continued	
Round Steel Fence Post ) Round Galv. Iron Fence Post ) Steel Fence Post ) Tubular Steel Fence Post )	Steel F.P. or
•	G.I.F.P.
Corner Square Fence Post	Cor S.F.P
Centre Round Fence Post	Cen R.F.P.
Centre Face Square Fence Post	Cen.Face S.F.P.
	(C.Face S.F.P.)
Fences: eg. 2 Barbed wire, 1 Plain Wire	2B.1P
FREEWAY	FWY
Foot	Ft
Found	Fd
Galvanised	Galv.
Galvanised Iron	G.I.
Gold Field Homestead	G.F.H.
Gold Mining Lease	G.M.L.
Ground	Gnd.
GROVE	GR.
Gully Trap	G/T
Headwall.	Hďwll
Hectares	ha.
HIGHWAY	HWY
High Water Mark	H.W.M.
Holding	Hldg(H.)
Identification	Ident.
Identification Survey	I.S.
Instruction	Inst.
Intersection	Intsn
Iron Pin	Pin
ISLAND	IS.
Kerb	Kb
Kilometre (s)	Km.

## I.I ABBREVIATIONS - GENERAL Contd

LAND ADMINISTRATION COMMISSION	L.A.
LANE	LA.
Leaning	Leang
Left Bank	L.Bk
Licensed Gem Claim	L.G.C.
Line Peg	L.P.
Local Government	Local Govt
Low Water Mark	L.W.M.
Main Roads Department	M.R.D.
Manhole	м/н
Market Garden Area	M.G.A.
Mark	Mk
Measurement	Mint
Metre(s)	m.
Mineral Claim	M.C.
Miners Homestead	М.Н.
Miners Homestead Lease	M.H.L.
Miner's Homestead Perpetual Lease	M.H.P.L.
Mines Department	Mines Dept / M.D.
Mines Department Plan	M.P.
Mining Lease	M.L.
Mining Tenure Freehold Lease	M.T.F.L.
Mount	Mt
Mountain	Mun
av. 13 .	
<u>Nails</u> :  Galv. Iron Nail	G.I.NaiL
Lead Head Nail	L.H.Nail
Ramset Nail	Ram.Nail
Round Head Nail	R.H.Nail
Spring Head Nail	S.H.Nail
No Original Mark	No O.Mk.
North	Nth (N.)
Number	No.

# I.I ABBREVIATIONS - GENERAL Contd

Obliterated	Obltd
Occupation	Occupn
Old	Old
Original	Orig.(O.)
Original Iron Pin	O.I.P.
Original Line Peg	O.L.P.
Original Peg	O.P.
Original Permanent Mark	O.P.M.
Original Pointer Peg	O.Ptr.
Original Reference Tree	O.R.T.
Original Survey Post	O.S.P.
Overhead	0/н
PARADE	PAR
PARKWAY	PKWY
PATHWAY	PTHWY
Peg	Peg(P)
Permanent	Perm.
Permanent Mark	Perm Mk (P.M.)
Petroleum Lease	P.L.
Petroleum Prospecting Permit	P.P.P.
Petroleum Well Location	P.W.L.
Pipeline License	P.Lic.
PLACE	PL.
Placed	Pld
PLAZA	PLZ.
Plinth	Plth
Pointer	Ptr
Portion	Por.
Power Pole	P.P.
PROMENADE	PROM.
Prospecting Area	P.A.
Purposes	Purps

QUAY

## 1.1 ABBREVIATIONS - GENERAL Contd

RLY RAILWAY Rgd Only Ranged Only Rds Reads Rec. Recreation R.P. Registered Plan Reinstd Reinstated Remns Remains Remkd Remarked Remvd Removed Renwd Renewed Reset Reset Res. Reserve Resd Reserved R.A. Residence Area R.M.C. Restricted Mining Claim R.M.P.C. Restricted Mining Purposes Claim R.Bk Right Bank R. of A. Right of Access R. of W. Right of Way RIV. (R.) RIVER RD ROAD

Section	Sec.
Sheet	Sh.
South	Sth (S.)
Special Bauxite Mining Lease	S.B.M.L.
Special Coal Mining Lease	S.C.M.L.
Special Gem Claim	s.g.c.
Special Mining Lease	S.M.L.
Special Perpetual Mining Purposes Lease	S.P.M.P.L.
Spike	Spk.
Split	Split
Standard	Stand
Star Picket	s.Pkt

Contd.....

QY

# 1.1 ABBREVIATIONS - GENERAL Contd

Station	Stn
Straightened	Strghd
Strainer	Stnr
STREET	ST
Stump	Stp
Suburban	್ಷ Subn
Surface	Surf.
Surface Area	Surf. Area (S.A.)
Surveyed	Surva
Tailings Area	T.A.
Telegraph Pole	T.P.
TERRACE	TER.
Traverse	Trav.
Underground	U/G
	·
Vacant Crown Land	V.C.L. (Vac.)
Very Old	v.old
Water Hole	W.H.
Water Right	W.R.
Watershed	W'shed
West	W.

If Upper and Lower case of word to be abbreviated is used, then use Upper and Lower case for abbreviation eg:-

RAILWAY - RLY : Railway Fence - Rly Fence;

CHANNEL AREA - CHNL AREA : Kerb and Channel - Kerb & Chnl

## 1.2 ABBREVIATIONS - COMMON TREES

Bauhinia	Bauh.	Mahogany	Mahog.
Beefwood	Beefwd	Mangrove	Mgrove
Blackbutt	Bkbutt	Messmate	Mmate
Blackwood	Blackwd	Milkwood	Milkwd
Bloodwood	Blawd	Moreton Bay Ash	M.B.Ash
Bollywood	Bollywd		
Bonewood	Bonewd	Nutwood	Nutwd
Bottle Brush	Bot. Brush		
Bottle Tree	Bot. Tree	Peppermint	Pmint
Boxwood	Boxwd	Pepperwood	Pepperwd
Brigalow	Brig.	Poplar Gum	Pop. Gum
Cabbage Gum	Cab. Gum	Quandong	Qdong
Camphorwood	Camphwd		
Candlenut	Candnt	Rosewood	Rosewd
Cheesewood	Cheesewd		
Coachwood	Coachwd	Saffron Heart	Saf. Heart
Coolibah	Coolbh	Sandalbox	Sandbox
Corkwood	Corkwd	Sandalwood	Sandwd
Cottonwood	Cottonwd	Sassafras	Sasfras
Cypress Pine	Cy. Pine	Satinwood	Satinwd
		Scrubtree )	
Dead Finish	Dd Fin.	Scrubwood)	Scrub
		Silkwood	Silkwd
Fibrewood	Fibrewd	Spotted Gum	Sp. Gum
		Stringybark	Stybk
Gum Topped Box	G.T. Box		
		Tallowwood	Tallowd
Ironbark	Ironbk	Tulipwood	Tulipwd
Ironwood	Ironwd	Turpentine	Turp.
Johnson River		Whitewood	Whitewd
Hardwood	J.R. Hardwd		
Kurrajong	Kjong	Yellowjacket	Y Jacket
		Yellowwood	Yellowd
Lancewood	Lancewd		

(Other tree names are generally shown in full)

### 1.3 ACCURACY

- 1.3.1 In the Surveyors Act and Regulations the word "accuracy" has the commonly understood meaning precise, exact, correct, in accordance with a standard and so has a wider meaning than that frequently used by surveyors when referring to accuracy of measurement.
- 1.3.2 Certification of the words used in Form 13 of the First Schedule of the Regulations "that the plan is accurate" implies a declaration that the plan is correct in every particular and is in accordance with the standards prescribed in the Regulations and Directions.

  (Vide the Directions to Surveyors 1978 Page 2 (5) .)

## 1.4 ADJOINING DESCRIPTION

- 1.4.1 All adjoining information will be shown in sloping hairline. See 'STYLES' 1.60.3 Page 51.
- 1.4.2 For all Registering Authorities the latest adjoining registered descriptions and relevant catalogue numbers are to be shown as follows:-

#### SPECIFIC SAMPLE INFORMATION

21	м.н.г. 587	ML4	16
<b>S</b> L10432	MPH31246	MP34567	RP123456
(D.G.I.)	( D.G.I.)	(MINES DEPT)	( D.F.L.T.)

Ongoing surveys involving several plans should show the most recent ajoining descriptions pertinent to that survey.

#### 1.4.3 ADJOINING EASEMENTS eg. A Emt G SL20657 RP213175 (D.G.I.) (D.F.L.T.)

- Show existing Easements and Registered Plan numbers that abutt the subject boundary.

See also 'EXISTING REGISTERED EASEMENTS' 1.31.3 - Page 41.

## 1.4.4 ADJOINING RAILWAYS

- Show Railway Name in all cases
- For Land held by the Commissioner of Railways in a Certificate of Title, the full RP. Description <u>must</u> also be shown.

## 1.4.5 ADJOINING BUILDING UNITS OR GROUP TITLE PLANS

In addition to adjoining Lot on Plan descriptions the adjoining registered Building Units Plan Number or adjoining registered Group Title Plan Number must also be shown eg.

2

RP264458

RP238671

This information is obtainable from the reverse side of the Department of Freehold Land Titles plan form.

### 1.4 ADJOINING DESCRIPTION Contd

### 1.4.6 ADJOINING MINES DEPT. DESCRIPTIONS (FOR MINES DEPT. ONLY)

- All existing and underlying Tenures are to be shown.
- Provided the Mining Tenure is available by reference to a "Lot on Plan", then the "Lot on Plan" description only will suffice.
- See also 'MINES DEPARTMENT SPECIMEN PLAN' Page 151

## 1.5 ALIGNMENT OFFSETS

Offset lines should be avoided if possible.
Offset marks should be referenced as a direct connection from corners.

See also 'CORNER REFERENCES' 1.22.6 - Page 31

### 1.6 ALTERATIONS/ADDITIONS/AMENDMENTS

# 1.6.1 FOR <u>DEPT. OF GEOGRAPHIC INFORMATION AND</u> DEPT. OF MINES

- . Before a plan is "REGISTERED" any alterations will be effected by erasure and corrections and additions shown in black. In most cases this will entail the return of the plan to the Surveyor.
- . Once the plan is "REGISTERED" any alterations or additions will be effected by "crossing out" and amending in red. In these cases the plan will be suitably endorsed with a qualifying statement signed by the designated Officer.

### 1.6.2 FOR DEPT. OF FREEHOLD LAND TITLES

1.6.2.1 Before a plan is registered any amendments will either entail return of the plan to the Lodger for amendment by the Surveyor, or amendment of the plan by the Surveyor in the Department of Freehold Land Titles.

A certificate of amendment will be endorsed on the plan by the Licensed Surveyor.

CL1C	meemed on	veyor.		
e.g.	Amendments	in red by me	on(I	Pate)
			• • • • •	Licensed Surveyor

1.6.2.2 In the case of an amendment being made by a Body Corporate registered as a Surveyor, the amending certificate must be signed by the Surveyor who must specify that he/she is a "Licensed Surveyor and Director".

	Contd.	٠							٠	
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## 1.6 ALTERATIONS/ADDITIONS/AMENDMENTS Contd

1.6.2.3 Where a company has signed a plan, the amendments to the front of a plan should be signed by a Licensed Surveyor-Director with the following certificate:( "Amendments in red by .. (Company Name).. on ...."
( Signature of Licensed Surveyor-Director.
( Licensed Surveyor, Director.

No seal is required.

1.6.2.4 Where a company has changed its name after signing a plan, the certificate for amendment should be as follows:

( "Amendments in red by ..(Company Name).. on ....."
( formerly ...(Former Company Name)..."
( Signature of Licensed Surveyor-Director
 Licensed Surveyor, Director

1.6.2.5 No corrections or amendments are to be made to any plan, by any Surveyor other than the Surveyor who signed the plan (or another Licensed Surveyor authorised by him/her by letter to the Registrar or by the Surveyors Board or a Licensed Surveyor who has taken over the practice of the original Surveyors).

## 1.7 A.M.G. CONNECTIONS

Whenever any survey has been connected to a co-ordinated point on the Australian Map Grid (AMG), the co-ordinates can be tabulated.

See also 'CO-ORDINATES' 1.21 - Page 26.
'CORNER INFORMATION DIAGRAMS A & B' - Pages 34 & 35

### 1.8 AREAS

## 1.8.1 CALCULATED

Parcels of land which are to exhibit a calculated area will be deduced by closure and adjustment (preferably Bowditch) and shown -

- 1.8.1.1 In square metres to the nearest square metre where the parcel is less than one hectare.
- 1.8.1.2 In hectares to four significant figures.
- 1.8.1.3 Where land is of very small extent (less than one square metre) and of high value (inner city area), area may be shown to not more than one decimal point.

#### AREAS Contd 1.8

#### EXAMPLE INVOLVING MULTIPLE LINE AREAS : 1.8.2

1.8.2.1 By computation and adjustment, information from the computer is:

> 184.4746378 ha gross area 20.5822597 ha and road area

. by subtraction the nett area is 163.8923781 ha

184.48 ha . Plan presentation will be 20.58 ha Rd 163.9 ha

(NOTE: The 'Gross' is an addition of the 'Nett' and Road, rounded as above)

#### 1.8.2.2 If the road was existing and

CASE 1 . in imperial units, say 50ac 3r 17p

. calculate gross area as in 1.8.2.1

. conversion of imperial road area

20.5805 ha (vide 1.20-Page 25) gives . calculation provides a 'nett' area of 162.8941378 ha

. plan presentation will be 184.4805 ha 20.5805 ha Rd

163.9 ha

(NOTE: The 'Gross' is an addition of the 'Nett' and Road)

1.234 ha CASE 2 . in metric units say

> 164.134 ha . plan presentation will be 1.234 ha Rd 162.9 ha

(NOTE: The 'Gross' is an addition of the 'Nett' and Road)

#### BALANCE 1.8.3

Where a balance area is to be adopted, the new nett area is determined by <u>SUBTRACTING</u> the surveyed area (rounded as prescribed) FROM THE EXISTING NEIT AREA of the parcel. NOTE: There is no rounding of this resulting area.

#### Example involving multiple line areas

by survey lot 4 is created:

85.1.17 1.8.3.1 existing plan shows 4.3.11 Rd 80.2.6

4.19 ha

. convert existing areas to metric (vide 1.20 34.5425 ha - Page 25) 1.9501 ha Rd 32.5924 ha

## I.8 AREAS Contd

### 1.8.3 BALANCE Contd

. by subtraction the new nett deduces 28.4024 ha

. plan presentation will be 30.3525 ha 1.9501 ha Rd

28.4024 ha Bal

(Note: The "Gross" is an addition of the "Balance" and Road)

1.8.3.2 . existing plan shows 158.534 ha

2.134 ha Rd 156.4 ha

. by survey lot 4 is created: 1234m<sup>2</sup>

. by subtraction the new nett deduces 156.2766 ha

. plan presentation will be 158.4106 ha 2.134 ha Rd 156.2766 ha Bal

(Note: The "Gross" is an addition of the "Balance" and Road)

### 1.8.4 IMPERIAL EXCLUSIONS

Where the area of original exclusions (surveyed roads, reserved roads or road reservations) are imperial, these are converted to the nearest square metre.

### 1.8.5 CROWN RESUMPTIONS

See also D.G.I. requirements for Crown Resumptions from freehold land when action is to proceed by plan and Proclamation to be registered in the Dept F/H Land Titles.

See also 'CONVERSIONS' 1.20 - Page 25 and 'VINCULUMS' 1.64.3 - Page 53

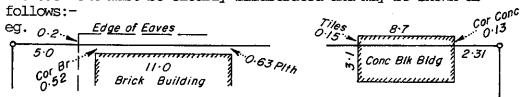
## 1.9 BEARINGS

- 1.9.1 Bearings are shown upright on face of plan, sloping in all tabulations, & in a clockwise direction for completed blocks.
- 1.9.2 Bearings to be shown in degrees, minutes & seconds, rounded off as appropriate & reduced to the meridian of the survey.
- 1.9.3 It is preferable that the following use of '0' be adopted. eg.  $270^{\circ}0'$ ,  $270^{\circ}03'$ ,  $270^{\circ}00'30"$  Note that  $270^{\circ}00'00"$  is to be avoided.

See also 'DIMENSIONS' 1.29 - Page 38 and 'RANGED ONLY AND READS BEARINGS' - 1.50 - PAGE 47.

## 1.10 BUILDINGS

1.10.1 Encroachment must be clearly illustrated and may be shown as follows:-



Other improvements such as bridges, dams, mine shafts, etc., may be shown if connected to in course of survey.

## 1.10 BUILDINGS Contd

1.10.2 When classified as a reference mark (immovable object), connections thereto may be shown "on face" or tabulated in required manner.

See also 'CORNER REFERENCES' 1.22.6 - Page 31

## I.II CALCULATED LINES

- 1.11.1 Calculated Lines are those lines derived by computation from existing, registered survey information. A calculated line is generally between surveyed corners.
- 1.11.2 Show as broken lines (abt 12mm long) with computed bearings and distances, and the word 'Calc'.
- 1.11.3 If appropriate to tabulate, show 'Calc' outside column.

  See also 'LINEWORK' 1.38.9 PAGE 43

## 1.12 CANCELLED BOUNDARIES

- 1.12.1 These are boundaries rendered redundant by the new survey and are shown by broken lines of about 6mm lengths.
- 1.12.2 Once cancelled they are no longer shown on future plans.

D.F.L.T.) : Not

: Not shown unless rerun

DGI ) : <u>If rerun</u> - tabulate in "TRAVERSES ETC"

column.

MINES DEPT. : Shown with all dimensions on face or

tabulated in "TRAVERSES ETC" column -

original indicated.

See also 'LAPSED BOUNDARIES' 3.8 - Page 142 'LINEWORK' 1.38.8 - Page 43.

### 1.13 CENTRE LINES

#### 1.13.1 ROAD CENTRE LINES

. D.F.L.T. : Nothing shown

. DGI and MINES DEPT :

(When shown -

indicate as follows) :

g. |----/5

#### 1.13.2 RAILWAY CENTRE LINES

Connections to 'Rly &' are to be shown either on face or by tabulation in the "TRAVERSES ETC" column.

## 1.14 CERTIFICATES

The Surveyor's CERTIFICATE is to be in accordance with either Form 13 Part A of the First Schedule under Regulation 38(2)(j) or Form 13 Part B of the First Schedule under Regulation 29 of the Surveyors Regulations 1978-1987.

#### CERTIFICATE

1.14.1	! , John William BROWN hereby certify that ! have surveyed the land comprised in this plan personally and
	that the plan is accurate, that the said survey was performed in accordance with the "Surveyors Act 1977" and the "Surveyors Regulations 1978" and that the said survey was completed on
	Date 30-2-88 Licensed Surveyor
	<u>CERTIFICATE</u>
1.14.2	hereby certify that
	Date .30:2:88 Licensed Surveyor
	CERTIFICATE
1.14.3	J.W. BROWN SURVEYS PTY LTD  hereby certify thatthe. Company has surveyed the land comprised in this plan. by Robert Ellis JUNIOR, Licensed Surveyor for whose work the company accepts responsibility that the plan is accurate, that the said survey was performed in accordance with the "Surveyors Act 1977" and the "Surveyors Regulations 1978" and that the said survey was completed on 26 / 1 / 88.  Director & Licensed Surveyor COMMON SEAL  Director
	Date 30 · 2 · 88

## 1.14 CERTIFICATES Contd

#### CERTIFICATE

I, .... John William BROWN hereby certify 1.14.4 that ..... I personally has/have made this plan pursuant to Regulation 29 of the Surveyors Regulations 1978 and that the plan is accurate. Dinon 30.2.88 Licensed Surveyor Date

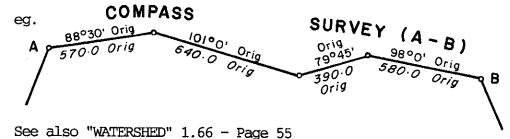
#### CERTIFICATE

I, .... John William BROWN..... hereby certify that I/the 1.14.5 Company have made this plan pursuant to Regulation 29 of the Surveyors Regulations 1978, that the plan is accurate and compiled from plan..... in the \*Department of Mines, Brisbane. (\*Substitute or add "Department of Geographic Information" or "Dept of Freehold Land Titles" where applicable). Date. 30. 2. 88

- 1.14.6 Surveyors name must be shown in full. The Surveyor should be registered at time of survey and signing of the plan.
- 1.14.7 If the Surveyor signs his responsibility for another person, the qualifications of that person must be shown in full eq. Surveying Technician, Surveying Graduate or Surveying Associate.
- 1.14.8 If responsibility for survey is accepted by a company, the plan must be signed under the Company Seal by two directors. one of whom must be a Licensed Surveyor. The designation of the signatories should be shown.
- 1.14.9 The date of signature must not precede the date of completed survey. The plan must be signed prior to lodgement for sealing with the Local Authority.
- 1.14.10 ALL NOTATIONS ETC AND SIGNATURES MUST BE IN BLACK INK -See 'INK' 1.35 - Page 42.

#### 1.15 COMPASS SURVEY

When parts of the boundary of a block have been previously surveyed by compass, these boundary lines should be noted by the term 'COMPASS SURVEY' on face.



## 1.16 COMPILED PLANS (Plans without Field Survey)

Vide Regulation 29 of the Surveyors Regulations 1978

See D.G.I. REQUIREMENTS 2.1.4 - Page 59 and Example Plans
11 to 14 on Pages 76-80.
MINES DEPARTMENT REQUIREMENTS 3.5 - Page 141
DEPT F/H LAND TITLES REQUIREMENTS 4.11 - Page 163

## 1.17 COMPUTER ASSISTED DRAFTING

- . This method of plan preparation must follow the same guidelines as set out in this manual.
- . The presentation of lettering styles will vary to those recommended on page 51 to accommodate the commercial C.A.D. packages available.
- . The <u>size and boldness</u> of the text however must comply with the objective for clarity of information when plan is reproduced at a reduced scale.

See also 'STYLES' 1.60 - Page 50

## 1.18 CONNECTIONS TO DISTANT POINTS

Reads Bearings to Lighthouses, Beacons, T.V. Towers etc. can be shown on face or entered in the "TRAVERSES ETC." column if the plan is crowded.

## 1.19 CONSOLIDATED TITLE

#### Definition:

A Consolidated Title contains a number of individual parcels of land for which separate Titles can issue upon request.

See DGI Example Plan No. 4 - Page 69 & No. 38 - Page 104

### 1.20 CONVERSIONS

Conversion factors to be adopted are as follows :-

- . Links to Metres: LKS x 0.201168
- . Distances to be converted to 3 decimal places
- . Perches to Square Metres : Per. x 25.29285264
- . Acres to Hectares: Acre x 0.404 685 64
- . Areas to be converted to the nearest square metre.
- . (40 perches = 1 rood; 4 roods = 1 acre)

See also 'AREAS' 1.8 - Page 19
'METRIC DOCUMENTATION' 1.43.7 - Page 45
'ORIGINAL DIMENSIONS' 1.47 - Page 46

### 1.21 CO-ORDINATES

#### 1.21.1 <u>Co-ordinated Corners</u>

Co-ordinates for corners may be shown on a plan provided that the origin of those Co-ordinates (ie. Permanent Mark shown on DGI Form 6) together with a connection to that Permanent Mark are shown.

#### 1.21.2 <u>Co-ordinates - Permanent Marks</u>

All co-ordinates (except those scaled) shown on the face of Survey Plans must clearly identify the origin station/s.

Co-ordinates which may be shown on plans may be classified into four categories, depending upon their method of derivation.

1.21.2.1 A.M.G. Co-ordinates result from a Geodetic Adjustment of Australia - AGD 84 - Primary.

Supplementary Section from: Surveying and Land Information Group (eg ZZQLD001) and Department of Geographic Information (eg. BRISCON)

- 1.21.2.2 Provisional A.M.G. Co-ordinates result from a suitable adjustment technique applied to a local control system, the position and orientation of which has been established by connections to control stations with A.M.G. Co-ordinates.
- 1.21.2.3 Approximate A.M.G. Co-ordinates result from simple un-adjusted connections, traverses, radiations etc. from existing control stations with A.M.G. or Provisional A.M.G. Co-ordinates.
- 1.21.2.4 <u>Scaled A.M.G. Co-ordinates</u> are co-ordinates that have not been obtained by computational methods but by careful scaling from a Published Map.

#### 1.21.3 <u>Presentation of Co-ordinates</u>

Co-ordinates may be presented in a panel on the face of the plan, as illustrated hereunder:

#### 1.21.3.1 A.M.G. Co-ordinates

Example:

### A.M.G. CO-ORDINATES - A.M.G. - 84

STATION	EAST	NORTH	ZONE	
GRAVATT SM 40337	455 031 - 799	7 019 023 · 527	56	

## 1.21 CO-ORDINATES Contd

### 1.21.3.2 Provisional A.M.G. Co-ordinates

Example:

# PROVISIONAL A.M.G. CO-ORDINATES - A.M.G.-84 CAIRNS - CORMORANT PASS REEF MAPPING

STATION	EAST	NORTH	ZONE
PM 46307	439 572 - 255	7 256 243 · 661	56

#### 1.21.3.3 Approximate A.M.G. Co-ordinates

Example:

#### APPROXIMATE A.M.G. CO-ORDINATES - A.M.G. - 84

STATION	EAST	NORTH	ZONE
PM 21899	500 301 · 361	6 974 239 - 173	56

### 1.21.3.4 Scaled A.M.G. Co-ordinates

Example:

#### SCALED A.M.G. CO-ORDINATES

STATION	EAST	NORTH	ZONE
PM 20657	457 200	7 624 520	56
1		1	

1.21.4 For provisional and approximate A.M.G. Co-ordinates the descriptions and values of the points from which these co-ordinates were derived, together with the associated computations and accuracies should form part of the survey records.

\$ee also 'A.M.G. CONNECTIONS' 1.7- Page 19 and
'CORNER INFORMATION' DIAGRAMS A & B - Page 34 & 35

### 1.22 CORNER INFORMATION

- 1.22.1 Corner information deals with the methods of presentation on the face of the plans for:-
  - . CORNER MARKS i.e. <u>ORIGINAL</u> Corner Marks and <u>NEW</u> Corner Marks
  - . CORNER REFERENCES i.e. <u>ORIGINAL</u> Reference Marks (& Occupation) and <u>NEW</u> Reference Marks (& Occupation)
  - . NOTATIONS

### 1.22.2 GENERAL GUIDELINES

- 1.22.2.1 Information marking the corner (ie Monument at the corner) should be written first, and information referring to Reference Marks and/or Occupation should be written in order of proximity after the corner mark.

  (See Diagrams "A" and "B" Pages 34 & 35)
- 1.22.2.2 It is preferred that Occupation references are determined "square" from the principal lines run (eg. Stn 3 Diagrams "A" & "B" Pages 34 & 35), except where a bearing and distance is required to avoid ambiguity. (eg. Stn 23 Diags. "A" & "B" on Pages 34 & 35)
- 1.22.2.3 Corner information should generally be shown as in Diagram "A" Page 34 (ie "on face") provided plan can be reproduced at a reduced scale without loss of clarity, otherwise the Tabulated method as in Diagram "B" Page 35 should be used. A mixture of "on face" and Tabulated presentation is to be AVOIDED.
- 1.22.2.4 The word "found" (fd) written after a mark eg. Peg fd, Pin fd etc. denotes a mark at a surveyed position with no origin or cadastral connection shown on a registered plan or an identification survey lodged in a Registering Authority.
- 1.22.2.5 THE METHODS OF PRESENTATION ARE INFLUENCED BY THE PRIORITY TO ENSURE CLARITY OF INFORMATION IS MAINTAINED UPON REDUCTION AND REPRODUCTION OF THE PLAN.

## 1.22.3 CORNER MARKS

1.22.3.1 Refers to Survey Marks and/or Branded Occupation recovered, placed or adopted <u>AT</u> the corner **eg**. **Pegs**, **Pins**, **Survey Posts**, **Star Pickets**, OR, Survey Marks recovered or placed in occupation at the corner to represent the corner. **eg**. Nail in Cen RFP; Ramset in Br Wall; Screw in Conc.

(The type of nail can be shown if indicated in the survey records eg. Clout, Jolt Head, Ramset, Spring Head etc).

## 1.22 CORNER INFORMATION Contd

## 1.22.4 ORIGINAL CORNER MARKS

1.22.4.1 When the <u>origin</u> of the mark recovered at the corner is <u>known</u> (ie recorded on a previously registered survey), the mark is classified as "original" and shown by the abbreviation "O".

eg. OP; OSP; O Nail in Cen RFP; ORamset in Br Wall; O Screw in Conc

- 1.22.4.2 When the origin of the mark recovered at the corner is known but is not evident on the plan being drawn (this applies particularly to MINES DEPT) the mark may be identified by the addition of the catalogue number of the plan of origin.
- 1.22.4.3 When the <u>origin</u> of the mark recovered at the corner is <u>unknown</u> (ie no previous cadastral connection on a registered plan or Identification Survey) the mark should be classified as being "<u>found</u>".

eg. Peg fd ; Screw in Conc fd etc.

1.22.4.4 When there is no original survey mark or evidence of any type remaining at the position of the previously surveyed corner, the term "No O Mk" is used.

(See also New Corner Marks 1.22.5 - Page 30)

The term "No Mk" is never shown on a plan.

1.22.4.5 When the original corner mark has become inaccessible since the original survey and hence is not able to be connected to, the term "not fd", suitably qualified is used.

eg. OP not fd OD/H not fd (in deep fill); (under conc) etc.

1.22.4.6 When <u>remains</u> of a survey mark or evidence of a survey mark position is found at the corner, the following terms may be used where applicable.

eg. Remns OP; OP hole; Remns OSP; OSP hole etc.

(See also New Corner Marks 1.22.5 - Page 30)

1.22.4.7 When an existing survey mark is found disturbed and that same mark is <u>reset</u> in the original corner position, the following terms may be used where applicable.

eg. OP distd OSP lying out etc.

The term "replaced" should NOT be used.

## 1.22 CORNER INFORMATION Contd

### 1.22.4 ORIGINAL CORNER MARKS Contd

1.22.4.8 When an existing survey mark or remains thereof is removed at time of survey, and is replaced by a new mark of the same type, the Term "renewed" is used.

eg Remns OP OP burnt Butt OSP etc.

The term "replaced" should NOT be used.

1.22.4.9 When an existing survey mark or remains thereof is removed at time of survey, and is replaced by a new mark of a <u>different</u> type, the term "<u>removed</u>" is used and the new mark quoted.

eg. OP remvd ; Butt OSP remvd etc.

### 1.22.5 NEW CORNER MARKS

1.22.5.1 When there is no survey mark or the existing survey mark is removed, and a new mark placed at the <u>original</u> corner, the new mark is quoted and the term "<u>placed</u>" is used.

eg. No O Mk OSP hole etc.

NB "Peg pld" and "Survey Post pld" etc are only shown on face of plan when placed at an <u>original</u> corner. These pegs are included in the listing of "New Pegs" shown in the statement on face of plan even though they are placed at an original corner.

eg. Peg placed at Stns 3-9, //- 15 and 19 etc.

(See also 'NOTATIONS' 1,22.9 - Page 33)

1.22.5.2 When the survey establishes new corners, the survey marks placed at these corners are shown by statement on face. (also vide Regulation 34 of the Surveying Regulations)

eg. <u>Peg placed at stars 2, 9-11</u>; <u>Peg placed at all new corners</u>; <u>Survey Post placed at all new corners</u>; <u>at Stars 4,7,11-14</u>

If new survey marks placed are <u>branded</u>, this information must also be quoted in statement on face.

eg. <u>Peg branded ( $\Lambda$ ) placed</u> <u>Branded Peg placed</u> etc. at Stns 2,5,7, II-I3 at all new corners

Survey Post branded (A 3) placed at Stns 1-4,5,9 and 13

#### CORNER INFORMATION Contd 1.22

#### NEW CORNER MARKS 1.22.5 Contd

1.22.5.3 Variations such as "Peg pld in cairn of stones, Peg driven flush, Plastic or Concrete Peg placed, Star Picket pld" etc must be indicated either "on face" or by statement.

> The term "No Mark pld" suitably qualified may be used if appropriate.

No Mk pld (in swamp)

No Mk pld (inaccessible)

etc.

1.22.5.4 Occupation adopted as new corner. (When impracticable to place a Peg or Post) If a new corner is established at which occupation exists, eg. Fence Post, Walls, Buildings, Poles, Man Holes or any such immovable object, the position of the occupation is referenced from the corner.

> Cen RFP 0.35 0.6W

Cor Br Bldg

C face SFP 0.02 N 0.05 E , 220°15',2.657

etc.

1.22.5.5 When Nails, Screws etc are placed as a new survey mark in occupation to establish the corner, the occupation is referenced.

> Nail In RFP Ramset in Cor Br eg. Cen 0.015\$ Cor Br 0.12W

Nail in Cen RFP at Stns 1,4,6-9

etc.

(shown at corner on face)

(statement on face)

1.22.5.6 If occupation is adopted as the new corner and is branded, this must also be quoted.

> eg. N.E. Cor SFP (AR)

Cen RFP (A 2) at Stns 2,3,5-8

etc.

(shown at corner on face)

(statement on face)

#### 1.22.6 CORNER REFERENCES (Reference Marks)

- 1.22.6.1 Refers to REFERENCE MARKS (eg. Iron Pins, Permanent Survey Marks, Spikes, Nails, Screws, Star Pickets, Broad Arrows, Drill Holes, Pointer Pegs, Marks on Poles, Branded Trees, MRD/Bench Marks etc) OR OCCUPATION (eg. Fence Posts, Walls, Buildings, Poles, Man Holes, Gully Traps or any such immovable objects) which are placed or connected to in the course of the survey.
- 1.22.6.2 THESE MARKS ARE IN ADDITION TO THE MONUMENT DENOTING THE CORNER. ALL CONNECTIONS WILL BE FROM THE CORNER TO THE REFERENCE MARK OR OCCUPATION.
- 1.22.6.3 REFERENCE MARKS may be shown on the face of the plan. Where space does not permit, references may be shown by diagram or in the "REFERENCE MARKS" Column.

EXCEPTION: PERMANENT MARKS: Show in separate column headed "PERMANENT MARKS". (See Diagrams "A" & "B" - Pages 34 & 35)

## 1.22 CORNER INFORMATION Contd

### 1.22.7 ORIGINAL REFERENCE MARKS & OCCUPATION

1.22.7.1 When the origin of the Reference Marks recovered at the corner is <a href="known">known</a> (ie recorded on a previously registered survey, enabling the true position of the existing corner to be re-established) the mark is classified as "Original" and shown as such by the abbreviation "O".

eg. OIP; ORT; O Nail in Cen RFP; O Screw in Conc etc.

When the  $\underline{\text{origin}}$  of the mark recovered away from the corner is  $\underline{\text{unknown}}$ , the mark should be described by "found"

eg. Pin fd ; Nail in Bit fd etc.

1.22.7.2 When it is evident the original reference mark is missing or destroyed, the following terms are used.

eg. OIP gone ; ORT gone etc.

Connections are shown on the plan if recorded in the field records.

1.22.7.3 When the original reference mark has become inaccessible since the original survey, and hence is not able to be found, the term "not fd" suitably qualified is used.

eg. OIP not fd , O Nail in Cen RFP not fd etc.

1.22.7.4 When the <u>remains</u> of an original reference mark or evidence thereof is found the following terms are used.

eg. ORT hole Remns OIP etc.

1.22.7.5 When the existing reference mark is found disturbed or out of position, and that <u>same</u> mark is <u>reset</u> in the original position, the following terms are used.

eg. OIP distd of OSPkt lying out etc.

The term "replaced" should NOT be used.

1.22.7.6 When an original reference mark is removed at the time of survey, and is replaced by a new mark of the <u>same</u> type, the term "<u>renewed</u>" is used.

eg. OIP distd , OPM damaged etc.

The term "replaced" should NOT be used.

## 1.22 CORNER INFORMATION Contd

## 1.22.7 ORIGINAL REFERENCE MARKS & OCCUPATION Contd

1.22.7.7 When an original reference mark is removed at the time of survey and replaced by a new mark of a <u>different</u> type, the term "<u>removed</u>" is used and the new mark quoted.

eg.

OIP remvd PM pld O Ptr remvd Pin pld

etc.

## 1.22.8 NEW REFERENCE MARKS & OCCUPATION

1.22.8.1 When new Reference Marks are placed or established during the course of the survey, the new Reference Marks are shown either on face or tabulated in the "REFERENCE MARKS" Column.

EXCEPTION: New Permanent Marks: Show in separate column headed "PERMANENT MARKS".

The new references to Occupation are shown on face unless a survey mark has been placed in or on the Occupation.

eg. Screw in N.E. face Br Pillar Cor Br 0.75 E Nail in Cen RFP Cen RFP 18091', 1·31

etc.

In these cases the survey mark (ie Screw, Nail) takes priority over the occupation and is thus treated as a Reference Mark.

1.22.8.2 When showing <u>NEW</u> Reference Marks by the method of <u>tabulation</u>: no referral to mark is shown on face.

## 1.22.9 **NOTATIONS**

- 1.22.9.1 Notations on face of plan are used in situations where
  - . A Survey establishes new corners.

(See also NEW CORNER MARKS 1.22.5 - Page 30)

- Space for clear presentation of information "on face" is limited.
- . When the marking of a number of corners have been treated in the same manner.

#### 1.22.9.2 EXAMPLES

<u>Peg\_placed\_at</u> Stns 3-9, ||-|5 Survey Post branded (AR) placed

at all new corners.

<u>Peg\_branded</u> placed at all new corners

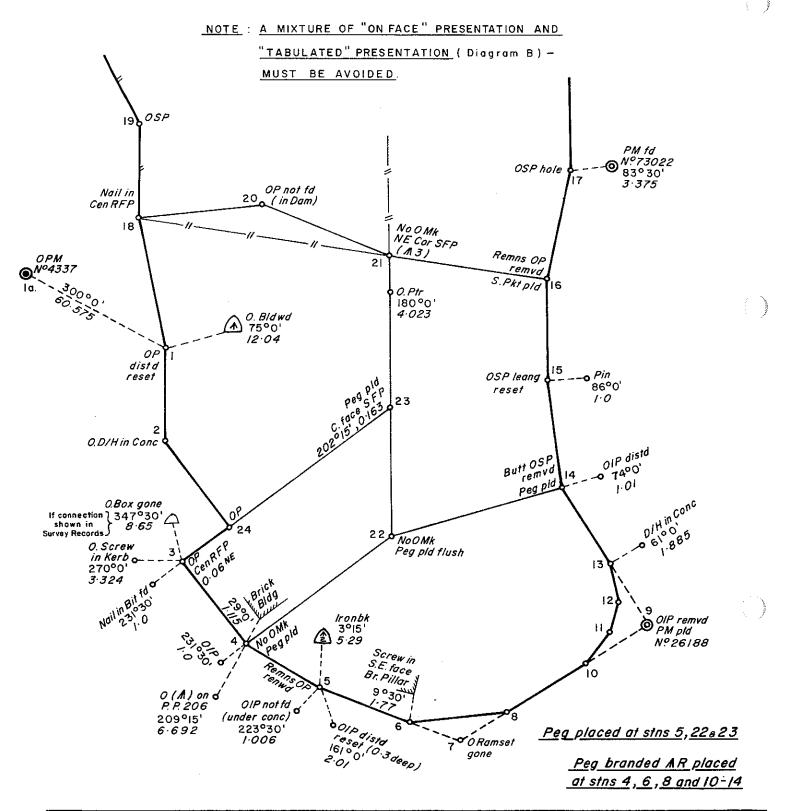
Cen RFP (A R) at Stns 2,3,5-9 & 12

Nail in Conc placed at Stns 1,4,6,9-12

Iron Pin placed at Stns 1-7,9-12

etc.

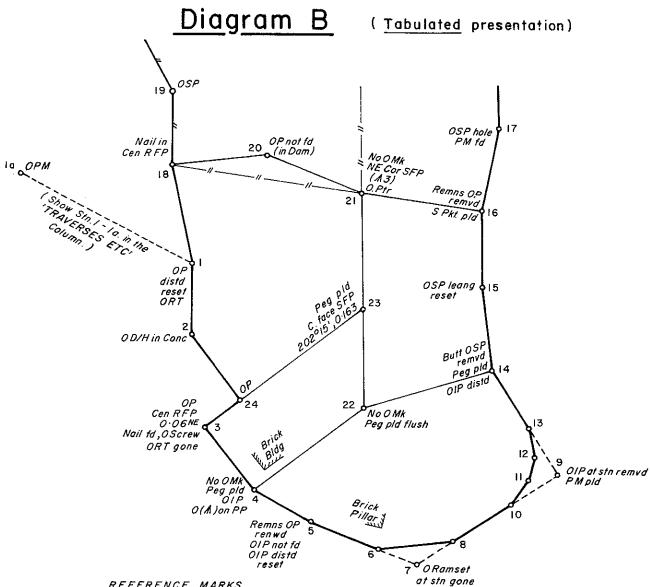
## Diagram A (On face presentation)



<u>PERMANENT MARKS</u>: When co-ordinates have been established, these may be treated as follows for 'On face' presentation:

STN	EAST	NORTH	ZONE		
OPM 4337	723 659 · 96	7 657 837 81	57		

( Enter in 'A.M.G. CONNECTIONS' tabulations.)



REFERENCE MARKS

		LALAUL	MANNO	
STN	ΤΟ	REMARKS	BEARING	DIST.
/	O Bldwd	Λ	75°0'	12.04
3	Nail fd	in Bit	231°30′	1.0
	O Screw	in Kerb	270°0'	3·324
	O Box gone ( If connection	shown in	347°30' survey records	, 8.65
4	OIP		231°30'	1.0
	Cor Br Bldg		29°0′	1.115
	0 (1)	on P.P.206	209°15'	6.692
5	OIP not fd	under conc	223°30′	1-006
	OIP reset	0-3 deep	16100'	2.01
l i	lronbk	1/2	3°15'	5.29
6	Screw	in SE face Br. Pillar	9°30'	1.77
/3	D/H	in Conc	61°0'	1.885
14	OIP distd	'	74°0'	1.01
/5	Pin		86°0'	1.0
21	0 Ptr	!	180°0'	4.023

Peg branded AR placed at stns 4 , 6 , 8 and 10-14

#### Peg placed at stns 5,22 & 23.

	PERMANENT MARKS						
PM	BE	ARING	DIST	Nº			
10-0	OPM a	t stati	T ion	4337			
9 -	PM a.	t stati	ion	26/88			
17 - 1	РМ 83	3°30'	3.375	73022			

DEDMANENT MARKS

( NOTE: For Tabulations - listings are consecutive, showing all marks referenced from the station. All reference marks for a station MUST BE KEPT TOGETHER and shown listed at their progressive distances from the station.)

#### **PERMANENT MARKS:**

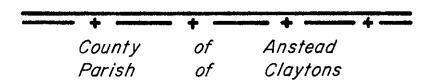
When co-ordinates have been established, these may be treated as follows for 'Tabulated' presentation:

PERMANENT MARKS				A.M.G. CO-ORDINATES (A.M.G. 84)		
PM	BEARING	DIST	Nº	EAST	NORTH	ZONE
laOPM	at stati	I ОП <b>I</b>	4337	723 659 96	7 657 837 81	57
( Add to existing 'PERM. MARK' tabulation in a suitable format. )						

### 1.23 COUNTY BOUNDARY

1.23.1 County boundaries are shown outside and as close as possible to the subject block and are never broken for dimensions.

eg.



- 1.23.2 County boundaries are not to be shown in the middle of the roadway if both sides of the road are shown.
- 1.23.3 If the opposite side of the road is not shown, the County boundary may be shown in the road, as close as possible to the subject block, but not within the subject block.
- 1.23.4 Show County boundary in middle of Creek or River if space permits. Show County boundary on opposite side of Creek or River to the subject block if space is limited.
- 1.23.5 For D.G.I., a plan should be in one County ONLY (Except plans of Pastoral Tenure. See Example Plan 11 on Page 77)

See also 'LINEWORK' 1.38.11 - Page 43, 'STYLES' 1.60.7 - Page 50 & Example Plans.

## 1,24 CURVED BOUNDARIES

 ${\underline{\mathtt{NOT}}}$  accepted by DGI and Dept. of Freehold Land Titles.

For Mines Department show measurements for ARC and RADIUS.

1,25 DATUM

DATUM

1, 90°02'

Show thus - eg.

DATUM

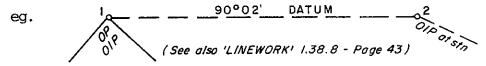
25.763

257.632

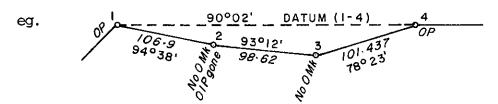
DATUM

257.632

1.25.1 For cancelled boundary or traverse.



1.25.2 Where there are insufficient marks for a datum on one line, the following may be adopted.



### 1.25 DATUM Contd

- 1.25.3 When datum is an offset line, show "DATUM" on boundary if offset line can be omitted.
- 1.25.4 When datum is obtained by observation for meridian, show "DATUM BY OBS" on appropriate line.
- 1.25.5 When more than one plan is drafted from the one set of survey records and the DATUM line is located on one plan only, the following note should be shown on all plans.
  - eg. This is one of ...... plans (....Catalogue N.s.....) from the one survey. For DATUM see plan......

See also 'SHEET NUMBERS' 1.57 - Page 49.

## 1.26 DEPTH RESTRICTIONS

- 1.26.1 Tenures restricted to a Depth are to be shown in the Title Block
  - eg. Lot 6 (to the depth of 30m from the surface only)
- 1.26.2 For Dept. of Freehold Land Titles plans in Strata, the height restriction is to be shown in the Title Block and <u>referred to A.H.D.</u>
- 1.26.3 Any proposed subdivision in Strata should be referred to the Surveyor-in-Charge, Dept. of Freehold Land Titles.

See also 'DGI Requirements'—
Example Plans 42 & 43 - Pages 108 & 109
'MINES DEPT. REQUIREMENTS' 3.9.5 - Page 145
'DEPT. OF FREEHOLD LAND TITLES REQUIREMENTS' Example Plan No. 4 - Page 179

## 1.27 DESCRIPTION OF COUNTRY

. DGI : See DGI SPECIMEN PLAN ... Page 65

. MINES DEPT : Not required except for natural features.

. DEPT. OF FREEHOLD LAND TITLES : Not required

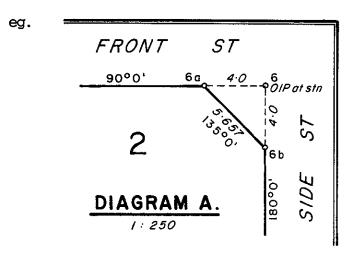
See also 'FEATURES' 1.32 - Page 41

## 1.28 DIAGRAMS

- . On face of plan show eg. SEE DIAGRAM A
- . Block number repeat on diagram.
- . Roads and Streets, if subject on plan, are shown hairline on diagram.
- . Enclose all diagrams in a border to separate from rest of plan (straight lines preferred).

#### 1.28 DIAGRAMS Contd

- . Diagrams should be drawn to scale if possible.
- . Where more than one diagram is shown on the one plan they should be labelled consecutively A, B, C etc.



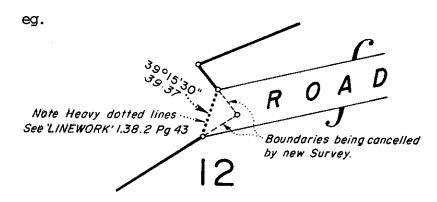
Note: 6-6a and 6-6b will be tabulated as required.

#### 1.29 DIMENSIONS

- 1.29.1 Complete dimensions must be shown on the face of plan, preferably in a clockwise direction, for each parcel for which a title can issue from the subject plan.
- 1.29.2 "Through" distances shall be shown on the plan as necessary in order to "dimension" boundaries of land parcels, or groups of land parcels, over which tenure is to issue.

"Through" distances (shown in brackets) can be totals of survey values from the new survey, or a combination of new and original survey information.

1.29.3 Dimensions, across roads, which will form boundaries of subject parcels shall be direct connections.



See also 'BEARINGS' 1.9 - Page 21,
'DISTANCES' 1.30 - Page 39,
'ORIGINAL DIMENSIONS' 1.47 - Page 46
'ROADS' 1.53 - Page 48.

#### 1.30 DISTANCES

Distances are shown as per survey records.

- 1.30.1 Distances are shown sloping on face of plan and in all tabulations.
- 1.30.2 Always shown inside block.
- 1.30.3 The balance distance shall be deduced from the plan from which the title or deed was issued.

#### For DGI and MINES DEPT. plans

Where the dimensions of the balance are found to be imperfect, the Licensed Surveyor can then derive data from any registered survey in order to determine the boundaries of the block.

- 1.30.4 Each severence within the subject land should be fully dimensioned if surveyed. See also 'ROADS' 1.53 Page 48.
- 1.30.5 BRACKETS

When intermediate distances are shown, the "through" distance is to be shown with brackets. In some cases station numbers may be required.

See also 'DIMENSIONS' 1.29 - Page 38,
'METRIC DOCUMENTATION' 1.43 - Page 44
'ORIGINAL DIMENSIONS' 1.47 - Page 46.

#### 1.31 EASEMENTS

#### 1.31.1 PLAN OF EASEMENT ONLY

Boundaries are broken See LINEWORK 1.38.6 - Page 43

1.31.1.1 Dimensions of the complete surround of Easement are required in a <u>clockwise</u> direction.

The dimensions of the block of which the subject Easement is within, need not be completed. However a bearing and distance to at least one corner of the subject block <u>must</u> be shown.

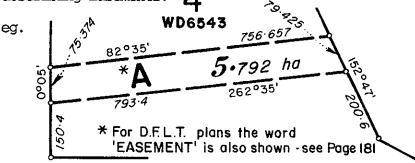
- 1.31.1.2 The Easement must be shown to scale on the plan form. In addition, a diagram being not to scale may be utilised if required.
- 1.31.1.3 Where Easement Boundaries are Calculated, they must be shown as "Calc" on plan.
- 1.31.1.4 Where more than one Easement is created on the one plan, they should be named consecutively i.e. "A", "B", "C" etc.

Contd.....

#### 1.31 EASEMENTS Contd

#### 1.31.1 PLAN OF EASEMENT ONLY Contd

- 1.31.1.5 Where more than one Easement is created in the one tenure, each should be named with a different letter.
- 1.31.1.6 The use of letters "I", "O" & "Q" should never be used when describing Easements.



#### 1.31.1.7 TITLE

For DGI ....eg. Lot **A** in Lot 4 on plan WD6543
For Dept. of Freehold Land Titles ....eg.

Proposed Easement **A** in Lot 3 on RP221674

#### 1.31.2 PLAN OF EASEMENT WITH SUBJECT BLOCK

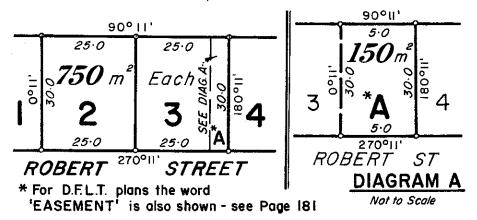
1.31.2.1 Easement Diagram (usually "Not to Scale") to be utilised. This is to 'divorce' the Easement information from that of the subject block.

#### 1.31.2.2 TITLE

For DGI ....eg. Lots I - 10 and Lot A in Lot 3

For Dept. of Freehold Land Titles ...eg.

Lots  $1 ext{-}10$  and Proposed Easement A in Lot 3



1.31.2.3 Where an Easement envelopes an entire parcel/Tenement, an Easement plan is not necessary. The block is encumbered by tenure document only.

Contd.....

#### 1.31 EASEMENTS Contd

#### 1.31.3 EXISTING REGISTERED EASEMENTS

1.31.3.1 Existing Easements, together with their descriptors and plan number, are to be plotted on new plans of subject blocks.

#### EXCEPTIONS:

- 1.31.3.2 Easements within parcels being resumed by the Crown.

  (Existing Easements or part thereof are automatically extinguished in the Crown Resumption Process.)
- 1.31.3.3 D.G.I. Plans of parcels over which it is intended to issue new Deeds of Grant. In these cases the following statement will be shown on the face of the plan:
  eg. "For Survey of Lot A (Easement) in Lot 6
  see plan SL12345".

#### 1.31.4 FOR MINES DEPARTMENT

No provision exists to register an Easement over a Mining Lease under the Mining Act.

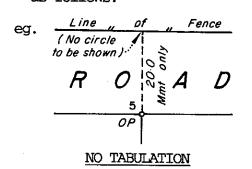
See also - 'ADJOINING EASEMENTS' 1.4.3 - Page 17
'DGI Requirements' Example Plan No. 22 - Page 88
'Dept.of Freehold Land Titles Requirements' 4.12
-Page 164.

#### 1.32 FEATURES

While description of country is shown only on plans to be lodged in the DGI, both MINES DEPT. and DGI plans require natural features such as gullies, mountain ranges, etc. to be shown if located in the course of survey. See also 'SYMBOLS' 1.61 - Page 52.

#### 1.33 FENCES

- 1.33.1 Type of fence to be shown if possible eg. 2P1B, Netting etc
- 1.33.2 Read bearings may be shown on fences that are existing on previous boundary lines.
  If useful, Read bearings may be shown on internal fences.
- 1.33.3 Connections across roads to fence lines to be treated as follows.



TRAVERSES ETC						
LINE	BEARING	DIST				
5 - Fence	Mmt only	20.0				

WITH TABULATION

See also 'RANGED ONLY AND READS BEARINGS' 1.50 - Page 47

#### 1.34 HIGH WATER MARK

The term H.W.M. is to be avoided if possible - refer to Surveyors Regulations 1978 and other relevant Statutory Definitions.

For D.G.I. and MINES DEPT. Regulation 29 plans, distances may be shown to Sea, Ocean, Bay etc., in lieu of the term H.W.M.

#### 1.35 INK

The ink used for drafting, signing, amending and noting plans shall be of a permanent and water-proof variety.

Biros and felt pens etc. will not be considered acceptable.

#### 1.36 INSETS

This Method of Plan presentation is to be avoided.

See also 'NOT TO SCALE' 1.45 - Page 46 and 'SCALE OF PLANS' 1.55 - PAGE 49

#### 1.37 LINE PEGS

1.37.1  $\underline{\text{NEW}}$ : When survey records not lodged, new Line Pegs shall be shown on the plan.

Placement of line pegs will be indicated by one of the following methods:

1.37.1.2 Statement eg.

Line Peg placed at intervals of 200.0

from Stns 1,3,6,12 & 15

1.37.1.2 Tabulation eg.

STN	BEARING	DIST.
2	180°42'	203.53
	180042'	406.22
	180°42'	600.3
5	272033'	201.42
	272°33'	400-63
1	,	,

1.37.1.3 On face of plan eg.

1.37.2 ORIGINAL:

Show ... "OLP" on face

Measured distances shown in survey records which serve to fix position of OLP, are to be shown on face of plan.

Approximate distances are not shown.

NOTE:

If intermediate pegs are not shown on the plan, survey records showing the position of these pegs must be lodged.

Kilometre Pegs are treated in the same manner as Line Pegs. If branded, indicate "on face" or tabulate.

Contd.....

1.38	LINEWORK		
1.38.1	Boundaries of Subject Land		
1.38.2	Boundaries of Subject Land acro roads (these to be direct conne See 'DIMENSIONS' 1.29.3 - Page	ctions) ······	•••••••
1.38.3	· · · · · · · · · · · · · · · · · · ·		
1.38.4	Adjoining Background Tenures (MINES DEPT)	-	
1.38.5	Lapsed Boundaries (MINES DEPT)	***************************************	
1.38.6	Easements and Leases: Subject Adjoining		<u>ار ا 2 mm</u>
1.38.7	Traverse, Secants etc.		<u>*3mm</u>
1.38.8	Cancelled Boundaries		6 mm
1.38.9	Unsurveyed Line ) Calculated Line )		<u> 12 m m مو</u>
1.38.10	Parish Boundary		
1.38.11	County Boundary	+	++
1.38.12	State Boundary	— х —	x — x —
	The above is a recommended formal LINE THICKNESS MAY BE VARIED IF	at for line thi CLARITY OF PLA	ckness. N WILL BENEFIT
1.39	LOCALITY		
	The "LOCALITY" segment in the Ti DEPARTMENT plan forms should sta Town, Suburb or District or desc survey in relation to a permaner	ate the name of cribe the locat	the City, ion of the
1.40	LOTS		
1.40.1	Lot numbers are generally shown lands and approximately 1/3 from for rural lands.	on Street fron the top bound	tages for urban ary of the Lot
1.40.2	The lot number for the Balance of block should retain the original	of a block or f numerical ide	or an amended ntifier.

#### 1.40 LOTS Contd

1.40.3 For plans creating new Lots, the use of "Lot 1" and the repetition of existing Lot numbers in the vicinity should be avoided.

See also 'DGI Requirements' 2.1.3 - Page 59

#### 1.41 MEASUREMENT ONLY

Show as required on face of plan or tabulated in the 'TRAVERSES ETC' Column.

#### 1.42 MERIDIAN

- 1.42.1 The meridian of every survey should be indicated in the "MERIDIAN" box on the plan.
  - eg. "On meridian of plan LSV907" or "AMG vide plan ROH589" or "Subtract  $0^{\circ}55$ ' for CAM vide plan MD845"
- 1.42.2 If observation taken, details should be tabulated on plan.

eg.

| LINE | PLAN BEARING | A.M.G. BEARING |
| 4-3 | 15°38'50" | 21°26'50" |
| ADD 5°48' for A.M.G. - ZONE 55 |
| C.A.M. BEARING |
| 4-3 | 15°38'50" | 16°35'50" |
| ADD 0°57 for C.A.M.

- 1.42.3 For Department of Freehold Land Titles plans, it is required to indicate A.M.G. in the meridian box and lodge meridian observation in field record form.
- 1.42.4 It should be advantageous for contiguous surveys to be on the one meridian.

#### 1.43 METRIC DOCUMENTATION

1.43.1 The symbol "m" will NOT be shown following a length

eg. 20·115

not 20-115 m

- 1.43.2 The decimal point is to be <u>prominently</u> placed at the mid height of the figures.
- 1.43.3 Numbers should be grouped in threes right or left from the decimal point, and a space should be used instead of a comma.

eg. 65 093·762 13 <u>not</u> 65,093·76213

However, except in tabular work (eg. co-ordinates), the space may be omitted in groups of only four figures.

eg. 4076·3012

Contd.....

#### METRIC DOCUMENTATION 1.43

A space should be left between the numeral and the unit 1.43.4 or unit symbol.

> $2076 \text{ m}^2$ eg. 2076m<sup>2</sup> not 5.273 ha not 5.273ha

1.43.5 No full stops will follow symbols.

1.43.6 USE OF "ZEROS."

1.43.6.1 Where the figure is less than one, use a zero before the decimal point.

eg. 0.745

.745 not

1.43.6.2 For whole numbers, a zero will be shown as the last character of length to the right of the decimal point.

eg. 4·0,51·0, 200·0

<u>not</u>

4.00 or 501.20 or 67.530

However when showing (1) Road widths or (2) Areas the above procedure is NOT to be adopted

eg. ROAD 60 WIDE  $\underline{not}$  ROAD 60.0 wide and 12 ha  $\underline{not}$  12.0 ha

- ROUNDING: When rounding to fewer digits than the total number 1.43.7 available, the following procedure is adopted.
- 1.43.7.1 Where the digit immediately following the last digit to be retained is less than 5, that digit should be left as is.

eg. 7.624 25 to four digits = 7.624

1.43.7.2 When the digit immediately following the last digit to be retained is 5 or greater, that digit should be increased by one.

eg. 4.624 51 to four digits = 4.625

1.43.7.3 If the digit to be discarded is exactly 5 and there is no indication of what the following digits might be, the last digit retained should be rounded to the nearest even digit.

> eg. 5.4665 rounded to 3 decimals becomes 5.466 5.4655 rounded to 3 decimals becomes 5.466

NOTE: IT IS ESSENTIAL THAT THE DECIMAL POINT BE SHOWN AS CLEARLY AND PROMINENTLY AS POSSIBLE.

#### 1.44 NORTH POINT & DATA ORIENTATION

North Point is not shown unless plan is turned eq. when  $270^{\circ}0'$  becomes  $0^{\circ}0'$ .

When plan is turned, all information is shown orientated accordingly ie, to the North Point. (This includes tabulations and statements).

There should be no circumstances where a plan needs to be turned upside down to read any data.

#### 1.45 NOT TO SCALE

Use with discretion. Break line for each block affected. Advantageous to plot this work to 'some scale' for sake of proportional representation. The wording "Not to Scale" is to be shown on appropriate line or lines.

See also 'INSETS' 1.36 - Page 42 and 'SCALE OF PLANS' 1.55-Page 49

NOTE:

NEW SURVEYED LINES OF SUBJECT BLOCKS ARE DRAWN IN AN UNINTERRUPTED MANNER TO THE SCALE AS SHOWN IN THE TITLE.

#### 1.46 OFFSETS

Not shown on plan in normal circumstances.

If sufficient connections to boundary line have been made, all information is to be related to the boundary line.

If there are insufficient connections, offset will be shown.

#### 1.47 ORIGINAL DIMENSIONS

1.47.1 Shown with 'Orig' written in conjunction with each bearing and distance. 'Bal' to be used for subtraction. 'By Addn' can be used for additions. eg.

 
 270°0' Calc Orig
 270°0' Orig
 270°0' Orig
 270°0' Orig
 270°0' Orig

 52·0 Calc Orig
 545·33 Orig
 146·215 Bal
 215·427 By Addn

NOTE: The term 'Bal Orig', 'Bal by Addn' are not used.

1.47.2 Original distances to be converted to metric are to be shown to 3 decimal places.

See also 'CONVERSIONS' 1.20 - Page 25 'MEIRIC DOCUMENTATION' 1.43.7 - Page 45.

When utilising original information, an endorsement is required stating the source of this information.

eg. Original information compiled from plan SL1234 in the Department of Geographic Information

or <u>from RP.12345 in the Department of Freehold Land Titles</u>

(Brisbane (Rockhampton (Townsville

or from MP.10537 in the Mines Department, Brisbane.

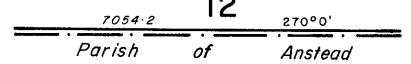
Contd.....

#### 1.47 ORIGINAL DIMENSIONS contd

1.47.3 The word "Original" is not shown on Reg. 29 compiled plans.

See also 'DIMENSIONS' 1.29 - Page 38
'DISTANCES' 1.30 - Page 39
'WATERCOURSES' 1.65 - Page 54

#### 1.48 PARISH BOUNDARY



Show outside subject block and as close to line as possible. Parish boundary is never broken by dimensions.

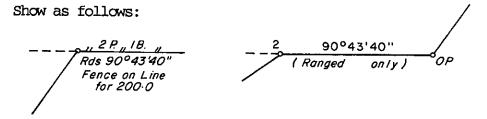
Subject to same conditions as 'COUNTY BOUNDARY' 1.23-Page 36 See also 'LINEWORK' 1.38.10 - Page 43

#### 1.49 PLOTTING

Plots shall be accurately drawn to scale. The co-ordinate system of accuracy control should be used where necessary to achieve the required standard.

See also 'SCALE OF PLANS' 1.55 - Page 49.

#### 1.50 RANGED ONLY & READS BEARINGS



See also 'FENCES' 1.33 - Page 41

#### 1.51 RESERVED ROADS

Unsurveyed road in a specific position. eg.



Area shown eg.

**28**• 297 ha 2• 537 ha Resd Rd **25**• 76 ha

#### 1.52 RESURVEY

When a resurvey is carried out with a view to correction of or issue of, title or instrument of lease, the normal plan requirements shall apply.

See also 'DGI REQUIREMENTS' Example plans 28-30 - Pages 94-96
'MINES DEPARTMENT REQUIREMENTS' 3.7 - Page 142
'DEPT F/H LAND TITLES REQUIREMENTS' 4.26 - Page 169

#### 1.53 ROADS

- 1.53.1 Where only one side of road has been surveyed, calculated distances on unsurveyed side are not normally shown.
- 1.53.2 Dimensions and widths for internal roads are shown for completed blocks. Use "Orig" where applicable.

See also 'DGI REQUIREMENTS' - Example plans No.11 & No.12 - Pages 77-78.

- 1.53.3 Refer to Main Roads Gazette for correct Road name. (Section names of Highways are not shown).
- 1.53.4 For roads forming boundaries of subject blocks, the width, when opposite side is shown, must be indicated and plotted to scale eg. ROAD 60 35 WIDE.

See also 'DIMENSIONS' 1.29.3 - Page 38

'DGI REQUIREMENTS' Example plans Nos. 37-49

- Pages 103-124

'MINES DEPARTMENT REQUIREMENTS' 3.15 - Page 148

'DEPT F/H LAND TITLES REQUIREMENTS' 4.21 - Page 168

#### 1.54 ROAD RESERVATION

Area reserved for road purposes in no specific location.

- 1.54.2 When subdivision occurs involving a block containing a road reservation, a request should be made to the DGI District Surveyor to prepare a report and recommendation for the Department of Lands. When advised by the Department of Lands that the allocation has been approved, then the required allocation statement should be drafted on plan to allow the Endorsement by the Land Administration Commission.
  - eg. The area ......... ha reserved for road purposes in Lot .... on plan ....... may be allocated to Lot ... as shown hereon.

Date					
	Delegate,	Minister	for	Land	Management

NOTE: The wording of this statement will be supplied by the Lands Department, for each Action.

#### 1.55 SCALE OF PLANS

- 1.55.1 A complete plot of the subject block or blocks is drawn on the plan in an uninterrupted manner to the scale as shown in the Title.
- 1.55.2 Diagrams drawn either (a) to another suitable scale; and/or (b) 'Not to scale' may be used for clarification.
- 1.55.3 Plans should be drawn to one of the following scales, or multiples to the power of 10 thereof:

1:1	1:2.5	1:6
1:1.25	1:3	1:7.5
1:1.5	1:4	1:8
1:2	1:5	

1.55.4 For Department of Freehold Land Titles Plans the Scales 1:1.25, 1:7.5 or multiples to the power of 10 thereof should not be used.

Vide Section 120 of the Real Property Act.

See also 'NOT TO SCALE' 1.45 - Page 46

#### 1.56 SECANTS

Dimensions of secants are shown "on face" or tabulated in the "TRAVERSES ETC' column.

```
See also 'LINEWORK' 1.38.7 Page 43,
'DIMENSIONS' 1.29 - Page 38,
'TABULATIONS' 1.62 & 'TRAVERSES' 1.63 - Page 53.
```

#### 1.57 SHEET NUMBERS

This applies only to DGI and MINES DEPARTMENT plans, where job is of a nature that requires several sheets to show all necessary information.

1.57.1 When a number of plans are drawn for a continuing survey of Road, Railway or Easement etc. through a number of blocks of land, these plans would be catalogued individually with consecutive catalogue numbers.

EG. SL9031, SL9032, SL9033 ETC.

THESE PLANS MUST BE AUTONOMOUS WITH EACH PLAN FORM DEPICTING THE SURVEY IN A PARTICULAR BLOCK OR BLOCKS IN AN UNBROKEN MANNER AND BEING COMPLETE WITH ITS REFERENCE MARKS COLUMN, DIAGRAMS, STATEMENTS ETC.

See also 'DATUM' 1.25.5 - Page 37

1.57.2 When the sheet format is utilised, the following is to be adopted:

THE SUBJECT SURVEY MUST BE SHOWN "TO SCALE" ON SHEET 1.

Contd.....

#### 1.57 SHEET NUMBERS Contd

The same sized plan form is to be utilised for each sheet.

Each sheet should be labelled: eg. SHEET 2 OF 5 SHEETS.

Sheets should be endorsed along the joining edges as follows eg. <u>JOINS SHEET 3</u>.

Each sheet will have the same catalogue number. eg. SL9031 Sheet 1, SL9031 Sheet 2 etc.

See also 'DATUM' 1.25.5 - Page 37

For D.G.I. Plans each sheet should be autonomous with its Tabulations, Diagrams, Statements etc. pertinent to that sheet.

#### 1.58 STATE BOUNDARY

Show thus eg.

31

### NEW SOUTH WALES

See State Boundary Agreement Act, 1983. Subject to same conditions as 'COUNTY BOUNDARY' 1.23-Page 36

See also 'LINEWORK' 1.38.12 - Page 43

#### 1.59 STATION NUMBERS

Station numbers are to be shown upright in as simple a format as possible. ie. 1,2,3, with 1a, 1b etc. for secants and close proximity work only.

Adequate station numbers should be shown on the plan to describe survey lines, qualify action statements and other "on face" statements.

#### 1.60 STYLES

- 1.60.1 The use of mechanical guides and computerised drafting equipment will produce styles that may vary from those shown in this segment. The use of this equipment to produce plans is acceptable provided -
  - . That the end result displays the information in a clear and concise manner;
  - . That variable pen sizes, lettering heights, etc., are used to indicate the information in an unambiguous manner, attempting to demonstrate the guidelines contained within the pages of this manual;
  - . That the plan can be reproduced at a reduced scale to enable microfilming to take place.

Contd.....

#### 1.60 STYLES Contd

#### 160.2 ABCDEFGHIJKLMNOPQRSTUVWXYZ 1234567890

Subject Lot, Mining Tenure (where used as legal property descriptions), Easement, Island and Diagram.

## 1.60.3 ABCDEFGHIJKLMNOPQRSTUVWXYZ 1234567890 abcdefghijklmnopqrstuvwxyz

Adjoining Style of 1. above and their catalogue numbers. Adjacent (non-adjoining) Road, Street, Railway, Channel & Drainage Area. All Distances and all column headings and entries. Statements & Endorsements. Corner Information, Plan Title (where applicable), Features (Gully, Bldg, 2B 1P fence etc) Read & Ranged Only Bearing, Area (right of Decimal).

#### 1.60.4 ABCDEFGHIJKLMNOPQRSTUVWXYZ 1234567890

<u>Subject</u> Road, Street, Lane, Pathway, Drain and Channel Area, Railway, Highway, Expressway, Freeway and plan Title where applicable.

#### ने.60.5 ABCDEFGHIJKLMNOPQRSTUVWXYZ 1234567890 abcdefghijklmnopqrstuvwxyz

Subject Bay, Sea, Ocean, River, Creek. Area (left of decimal), Plan Title (where applicable), Adjoining State eq. N.S.W.

#### 1.60.6 ABCDEFGHIJKLMNOPQRSTUVWXYZ

Adjacent (non-adjoining) River, Parish Name (Upper and Lower Case), Bay, Ocean, Sea

#### 1.60.7 abcdefghijklmnopgrstuvwxyz

Adjoining County Name, Adjoining or Internal Creek Note: For Capitals use style 1.60.6

## 1234567890 abcdefghijklmnopqrsluvwxyz

Subject Holding, Parish Name on face (when applicable).

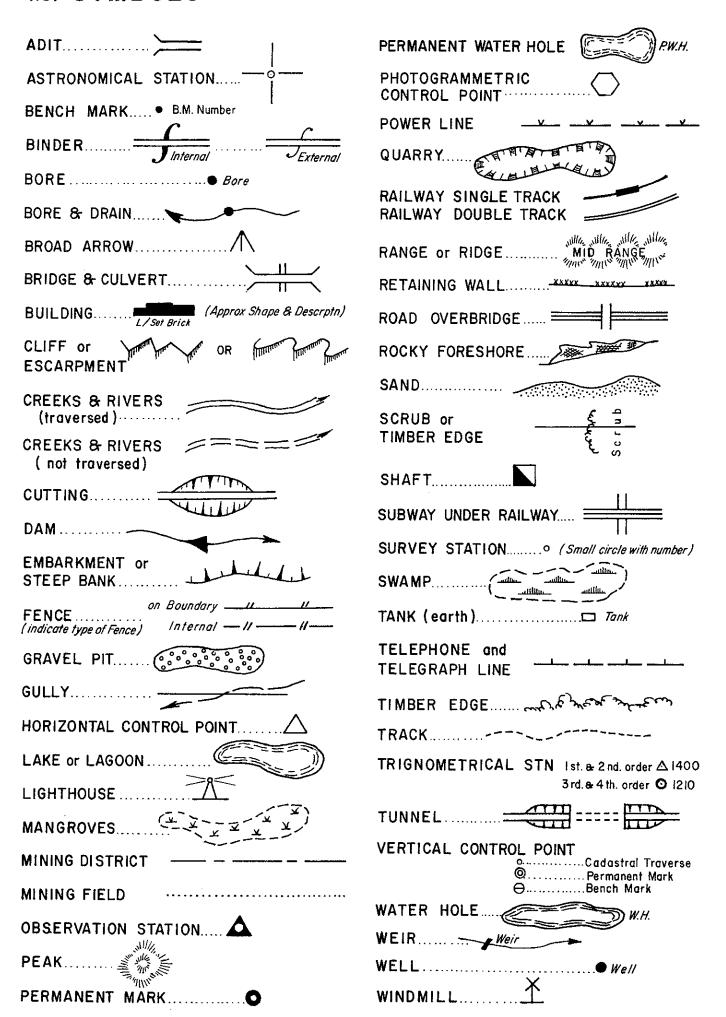
#### 1.60.9 1234567890 abcdefghijklmnoparstuvwxyz

All bearings (except Column entries and Reads), Station Numbers

#### 1.60.10 A B CDEFGHIJKLMNOPQRSTUVWXYZ 1234567890

- · Lapsed Lease description for Mines Department ONLY.
- Previous Property descriptions on face when entire parcels have disappeared as a result of Crown Resumptions for new Road, Rly etc for DGI plans only.

#### 1.61 SYMBOLS



#### 1.62 TABULATIONS

#### 1.63 TRAVERSES

1.63.1 Extraneous field traverse information is generally not shown.

'TRAVERSES' 1.63 - Page 53

1.63.2 When traverse lines are shown, dimensions are shown on face or tabulated in the "TRAVERSES ETC" column.
When tabulation is adopted, numerical order is preferred.

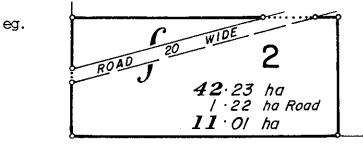
		TRAVERSES E	TC
eg.	LINE	BEARING	DIST
	1-2	180°07'	13.13
	3-4	236° 43'30"	105-26
	5-5a	355°32'40"	20 · 117

- 1.63.3 Where a traverse has been run to establish a new boundary along an inaccessible tract (cliff, etc.) the traverse is shown in the normal manner and the boundary shown calculated. See also 'CALCULATED LINES' 1.11 Page 22
- 1.63.4 Where survey marks are placed on a traverse, these marks must be recorded on the plan.

See also 'DATUM' 1.25.1 - Page 36, 'LINEWORK' 1.38.7 - Page 43, 'OFFSETS' 1.46 - Page 46 'WATERCOURSES' 1.65.2 - Page 54.

#### 1.64 VINCULUMS

- 1.64.1 Vinculums 'bind' two or more land parcels, separated by road, railway etc, to form a single tenement which is usually designated by one property description.
- 1.64.2 When in a surveyed state, an area for the exclusion from the tenement (Road etc) is to be shown on the plan. This results in a "3 (or more) line area" depending on the number of exclusions.
- 1.64.3 Tenure issues on the "NETT" area only.

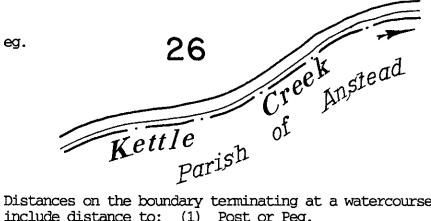


See also 'AREAS' 1.8.2 & 3 - Page 20
'MINES DEPARTMENT REQUIREMENTS' 3.19 - Page 150

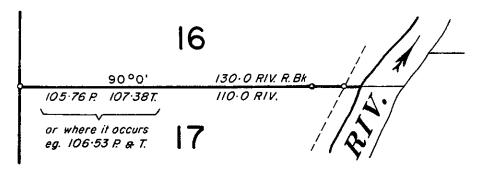
'DEPT F/H LAND TITLES REQUIREMENTS' 4.28 - Page 170

#### WATERCOURSES 1.65

1.65.1 Show opposite bank of watercourse if practicable. It is not always necessary, however, to show information on the otherside of watercourse forming boundaries except for adjoining Parish and County names.



- Distances on the boundary terminating at a watercourse are to 1.65.2 include distance to: (1) Post or Peg.
  - (2) Traverse.
  - (3) Bank or Watercourse Boundary (Ck, Riv, etc.).



- 1.65.3 Survey records must be lodged showing the watercourse traverse, measurements to the bank and area calculations.
- 1.65.4 An arrow indicating "downstream" must always be shown.

#### 1.65.5 FOR DGI AND MINES DEPARTMENT PLANS

While traverses of watercourses are to be indicated on plan when run, there is no necessity to show when original. The original catalogue number shown along the watercourse will suffice.

#### 1.65.6 FOR DEPARTMENT OF FREEHOLD LAND TITLES PLANS

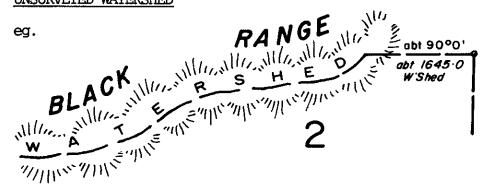
Where traverse of watercourses are used to obtain a new area of a lot or to prove a close, it is required that the original traverse dimensions be shown on the plan.

A statement indicating origin of original offsets is also to be shown.

#### 1.66 WATERSHEDS

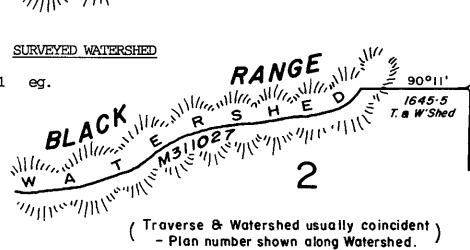
When "WATERSHED" is the boundary, the following guidelines should apply:

1.66.1 UNSURVEYED WATERSHED



1.66.2

1.66.2.1



(Traverse & Watershed usually coincident )
- Plan number shown along Watershed.

1.66.2.2 If traverse lines have been adopted as the boundary and corners have been marked, then right lines are shown.

> eg. ( The word WATERSHED is not shown)

- 1.66.3 If in doubt as to which of the above methods is to be used, a search of the original tenure document should be made.
- 1.66.4 Relevant boundaries are labelled "COMPASS SURVEY" as required.

See also 'COMPASS SURVEY' 1.15 - Page 24

# REQUIREMENTS OF THE DEPARTMENT OF GEOGRAPHIC INFORMATION

SUNMAP CENTRE
Cnr. MAIN & VULTURE STREETS
WOOLLOONGABBA. Q. 4102

#### REGIONAL OFFICES

P.O. Box 40, <u>WOOLLOONGABBA</u>. Q. 4102 Phone: (07) 896 3112

P.O. Box 962, TOOWOOMBA. Q. 4350 Phone: (076) 38 1733

P.O. Box 120, <u>ROMA</u>. Q. 4455 Phone: (074) 22 1767

WIDE BAY:

P.O. Box 573, <u>NAMBOUR</u>. Q. 4560 Phone: (071) 41 4677

P.O. Box 279, <u>MARYBOROUGH</u>. Q. 4650 Phone: (071) 22 1577

P.O. Box 1167, <u>BUNDABERG</u>. Q. 4670 Phone: (071) 73 8120 P.O. Box 870, <u>ROCKHAMPTON</u>. Q. 4700 Phone: (079) 27 7137

P.O. Box 303, <u>GLADSTONE</u>. Q. 4680 Phone: (079)76 1615

P.O. Box 968, <u>MACKAY</u>. Q. 4740 Phone: (079) 51 4985

P.O. Box 1377, <u>TOWNSVILLE</u>. Q. 4810 Phone: (077) 22 1202

P.O. Box 1786, <u>CAIRNS</u>. Q. 4870 <u>Phone</u>: (070) 52 3225

#### 2. REQUIREMENTS OF THE

#### DEPARTMENT OF GEOGRAPHIC INFORMATION

This document has been implemented in the Quality Assurance Program of the Department of Geographic Information.

#### 2.1 GENERAL:

2.1 The copies of plans on pages 66 to 134 are examples of the actions necessitating lodgement of cadastral plans in the Department of Geographic Information.

The majority of the examples are copies of original plans held in the DGI which have been suitably adapted to represent specific actions. As such, these examples may not necessarily conform in every respect to all guidelines stated herein. For DGI specimen plan, see page 65.

#### 2.1.2 DEFINITION OF PLAN REGISTERED:

DGI plan "REGISTERED" means plan is lodged, assigned a catalogue number, acceptance tested, recorded and deposited in the Department's registry where it is available for inspection as a record of survey only.

A search of the Working Maps and Tenure Documents of the relevant Registering Authority should be made to determine if land transactions have proceeded, and all subsequent actions are finalised.

#### 2.1.3 <u>DESCRIPTIONS OF CROWN LAND TENURE</u>: (including Miners Homestead)

Original lot numbers should be retained when amendments to existing tenure occur.

The numbering of <u>newly created Lots</u> can be at the discretion of the Licensed Surveyor provided the numbering is:

- . Unique on a plan
- . Avoids repetative use of numbers 1 and 2
- . Not similar to numbers of adjoining Lots.
- . Limited to a number of three digits.

#### 2.1.4 PREVIOUS DESCRIPTION AND ORIGINAL PORTION / SECTION / M.H.L / M.H.P.L.

It is IMPERATIVE that the "PREVIOUS DESCRIPTION" together with the "ORIGINAL PORTION / SECTION / M.H.L. / M.H.P.L." number be correctly completed in the appropriate box in the Title Block.

This will enable plans to be entered (and cross referenced) in the D.G.I. Computerised Plan Registry System and to facilitate the update of the Digital Cadastre Data Base.

Contd....

#### Examples:

Previous Description	Original Por/Sec/MHL/MHPL
Lot 4: Lot 4 on RP188633 Lot 35: Lot 35 on plan FL4023 Lot 905: Lot 905 on plan D2707 Lot 266: Lot 266 on plan D35245 Lot 170: Lot 4871 on plan PH2249 Lot 296: Lot 1 on MPH33850 Lot 347: Lot 347 on MPH34956 Lot 351: MHL5601 on MPH10162 Lot 62: Vacant Crown Land.	Por 59 Por 35v Sec 9 R.41 RUN4871 Sec 1 MHL335 MHL5601

#### 2.1.5 COMPILED PLANS

(Regulation 29 of Surveyors Regulations 1978): Where appropriate, use should be made of the Regulation 29 compiled plan for the balance/s of affected land parcel/s resulting from your survey action. This procedure will:

- \* simplify drafting procedures
- \* unclutter plans and enhance microfilming capabilities
- \* commit the survey plan as a permanent record of the survey action only.

#### 2.1.6 PLAN FORMS

Surveys to be lodged in the D.G.I. are to be drawn on the correct plan form.

The Title Block must be completed in full prior to lodgement except for the 'REGISTERED" box and the Plan Catalogue Number.

Plan forms are available from:

The Secretary,
Association of Consulting Surveyors (Qld.) Ltd.,
1st Floor,
Silverton Place,
101 Wickham Terrace,
BRISBANE. Q. 4000.
Ph. (07) 831.6668

Plan forms are available in two sizes - A2 and A3. Use of the A2 size plan form is restricted due to archival and copying difficulties.

#### 2.1.7 Privately instructed surveys:

Contact may be made with the local DGI District Surveyor (as listed on Page 57) for DGI requirements relating to privately instructed surveys, if required.

## Department of Freehold Land Titles

#### 2.2 INDEX OF ACTIONS

#### WITH EXAMPLE PLANS

#### NOTE:

The majority of the following examples are copies of original plans held in the DGI which have been suitably adapted to represent specific actions only.

The plans may not necessarily conform in every respect to all other guidelines set out herein.

The local DGI District Surveyor should be contacted for enquiries concerning surveys that may not be included in the following examples.

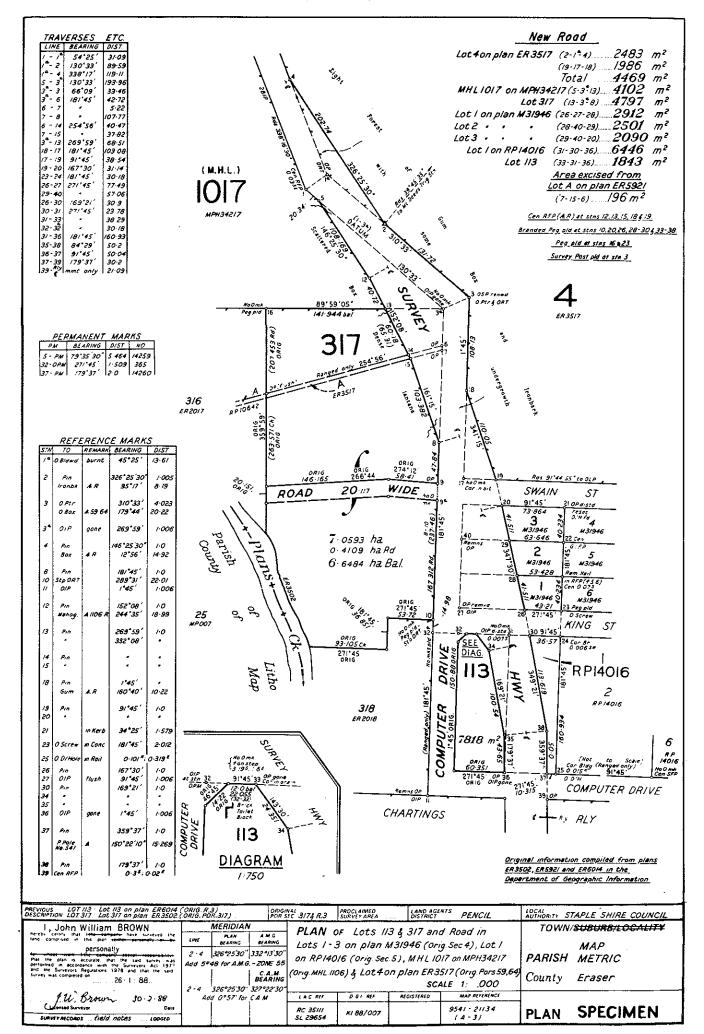
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#### 2.3 SPECIMEN PLAN

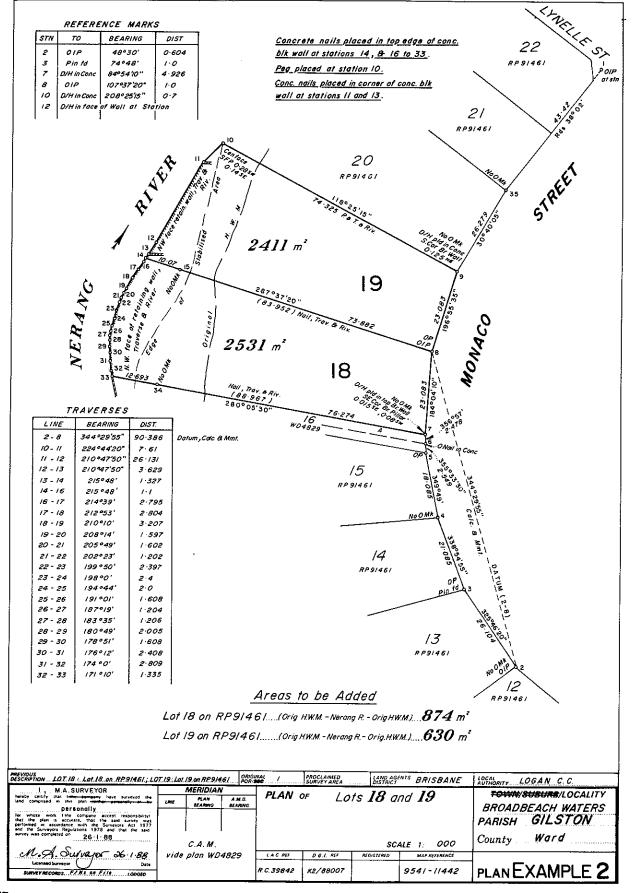


CROWN LAND TO FREEHOLD TENURI (Utilising Sec.9 of the Land Act )

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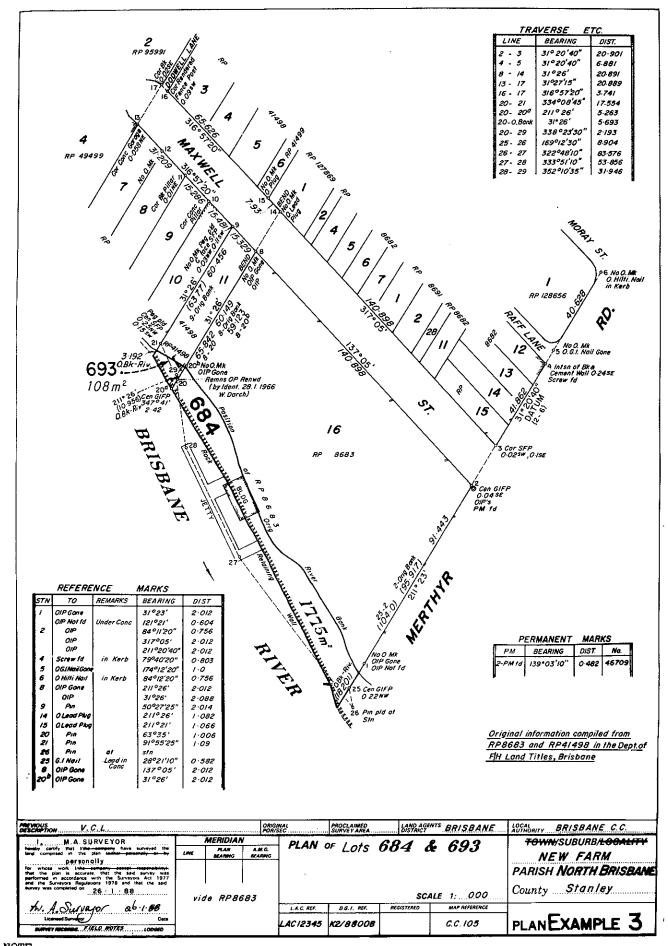
- . Action statements on face of plan indicating purpose of survey & full description of land involved.
- . Parcels retain their previous numerical identifier as the new description for the amended Lots.

CROWN LAND (RECLAMATION) TO FREEHOLD TENURE ( Utilising Sec. 9 of the Land Act )



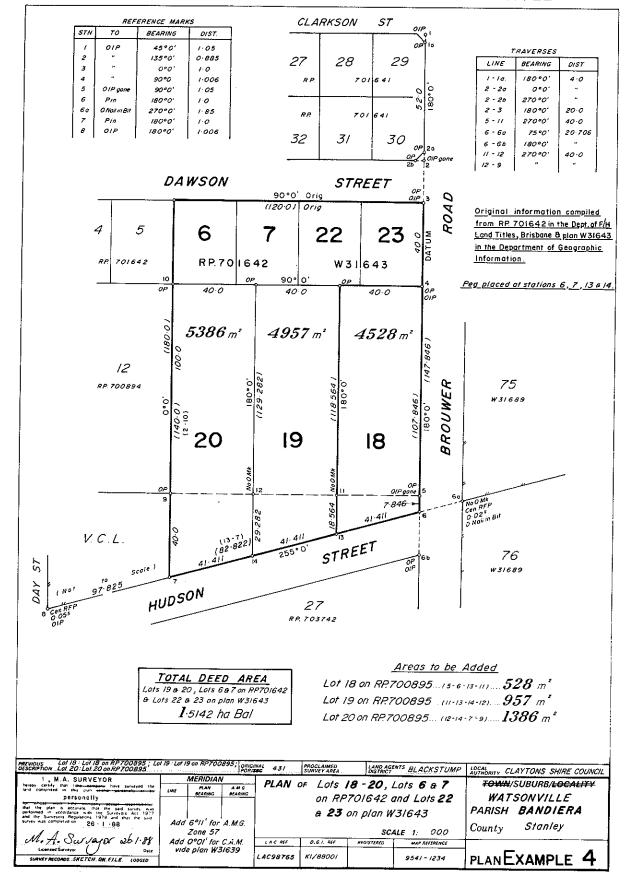
- . Description of areas being added in Action statement & full description of land involved.
- . Description of new & original ambulatory boundaries on the plan.
- . In this particular instance, the Retaining Wall, River and Traverse are co-incident.
- . Parcels retain their previous numerical identifier as the new description for the amended Lots.
- . See Example 3 Page 68 for treatment when the Applicant is to obtain a separate Deed of Grant for the reclaimed land.

CROWN LAND (RECLAMATION ) TO FREEHOLD TENURE WITH SEPARATE DEED TO ISSUE



- . In this particular Example, the owners of adjoining Lot 11 on RP41498 and Lot 16 on RP8683 are to be granted a separate Deed of Grant for the reclaimed land.
- . See Example 2 Page 67 for treatment when area is included in the Applicant's Title.
- . Ambulatory boundaries must be clearly described on the plan.

#### CROWN LAND TO FREEHOLD CONSOLIDATED TITLE



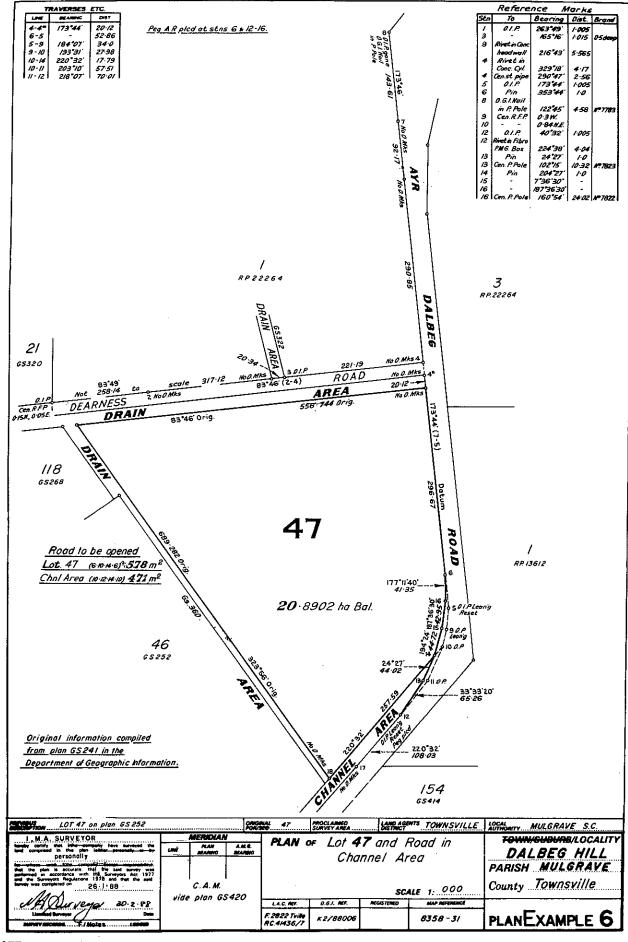
- . Bordered statement for indicating "TOTAL DEED AREA" of new Consolidated Title. ) ( Note : Lot 18 is not part of this Title.)
- Method of presenting description of land parcels particularly those unaffected by this Action ( Lots 6,7,22 & 23 )
- . Action statements and full description of land involved.
- . Metes and bounds shown for total surround of Deed Area and individual Lots affected (Lots 18-20)
- . Parcels retain their previous numerical identifier as the new description for the amended Lots.

#### CROWN LAND TO CROWN TENURE

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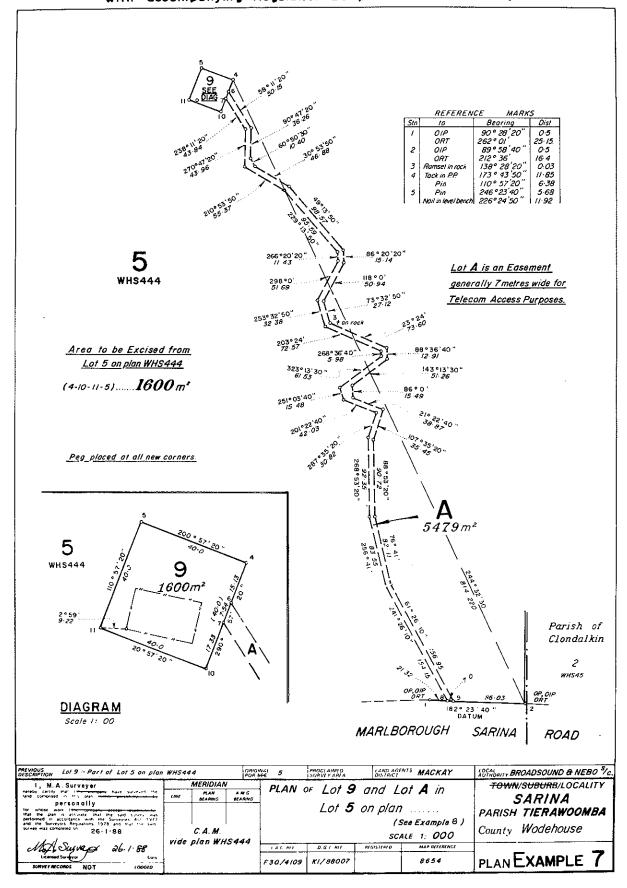
- . Parcel retains its previous numerical identifier as the new description for the amended Lot. For plans of amended Miners Homesteads...
- . If previous plan uses MHL/MHPL No. as identifier, a new Lot number should be given.
- Action statement would then read eg. "Area to be Added to MHL..."
  . "Mining District" to be substituted for "Land Agent's District".
- . Mining Field whether current or abolished must be shown. If Field abolished prefix name with "EX".

#### CHANNEL AREAS



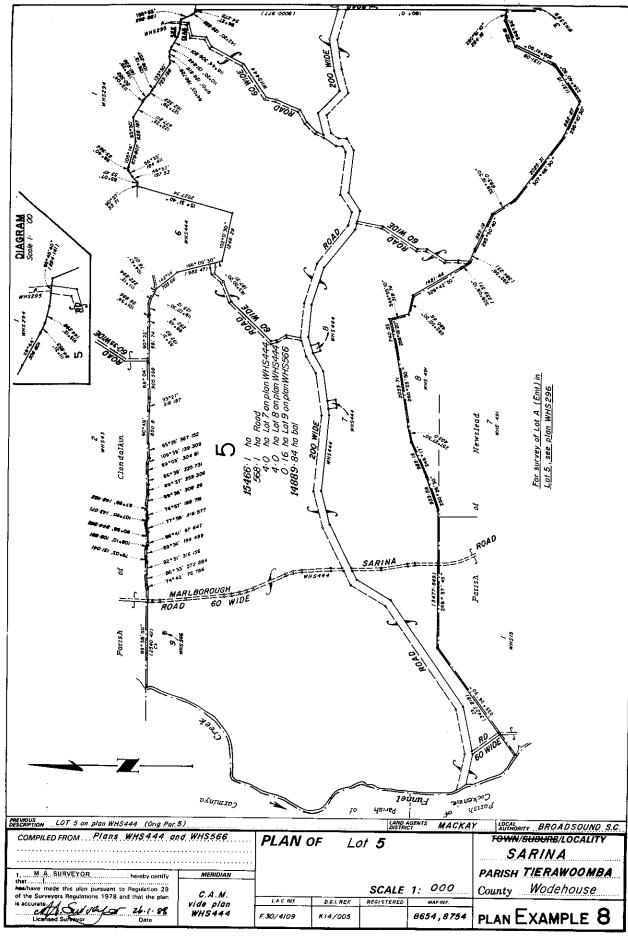
- . Channel Areas / Drain Areas are required by the Queensland Water Resources Commission.
- . Channel Areas / Drain Areas are described as such on the face of the plan.
- . Areas are not required, unless used to obtain the area of the balance Lot.
- . The parcel retains its previous numerical identifier.

eg. TELECOM TOWER SITE & ACCESS EASEMENT with accompanying Regulation 29 plan of balance of subject Lot.



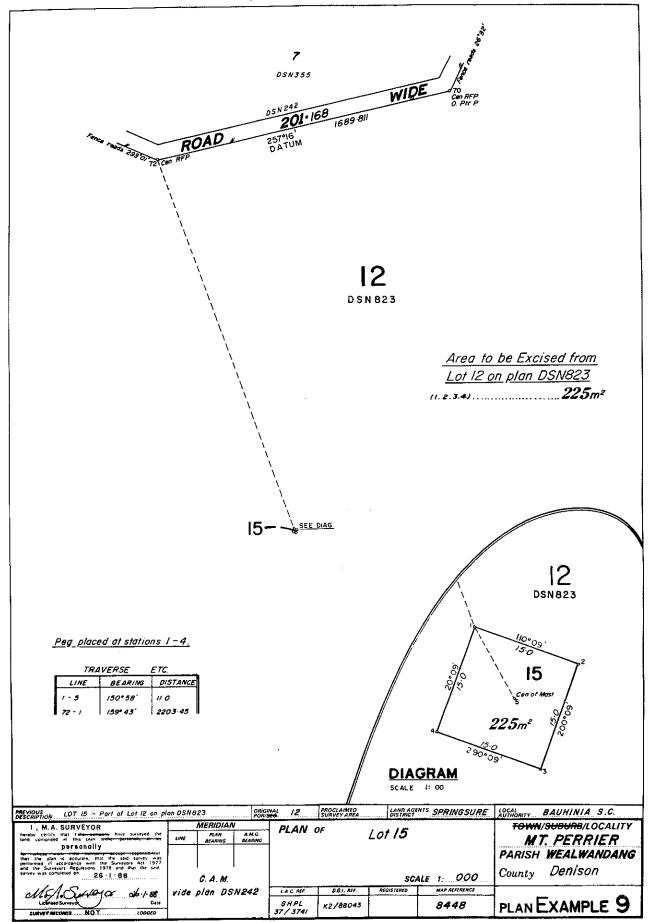
- . As Lot 5 on plan WHS444 is in a surveyed state with Freeholding Tenure to issue, an access Easement is provided to Lot 9.
- . Purpose and width of Easement are to be shown by statement on face of plan.
- . Wording of Action statement and full description of land involved.
- . Freeholding Tenure will issue over Lot 9.
- . For plan of balance of Lot 5 , see Example 8 Page 73.

REGULATION 29 PLAN TO EXCLUDE TOWER SITE - as surveyed on Example 7.



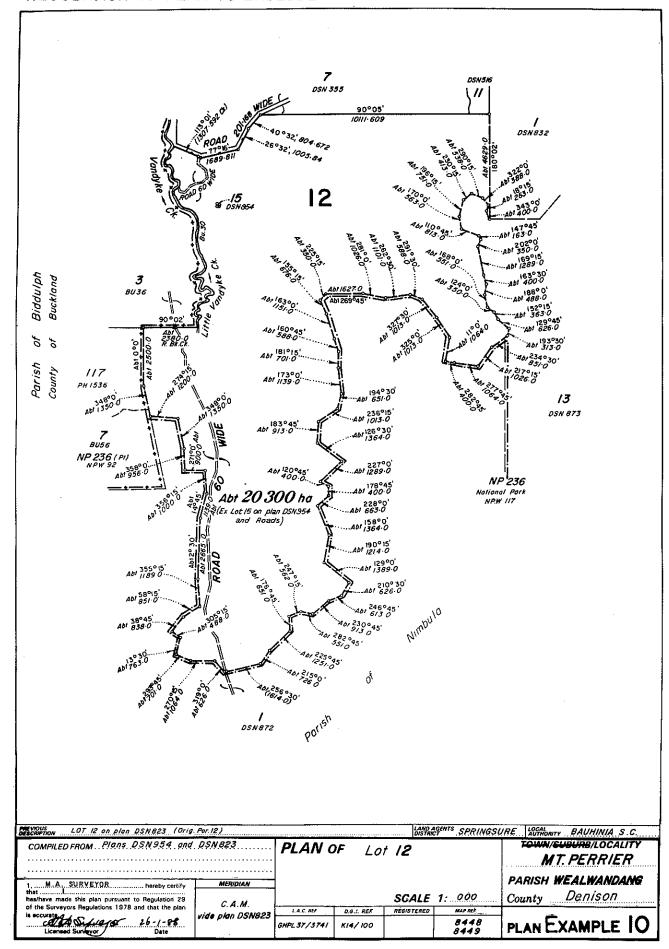
- . This is a Regulation 29 Compiled plan of the balance of Lot 5 on plan WHS444 to exclude the Telecom Tower Site surveyed as Lot 9 on plan (Example 7 on Page 72)
- . Parcel retains its previous numerical identifier as the new description for the amended Lot.

eg. DIGITAL RADIO CONCENTRATOR SITE with accompanying Regulation 29 plan of balance of subject Lot.



- . Lot 12 on plan DSN823 is in an unsurveyed state over which Crown Leasehold Tenure currently exists.
- . Access Easement not normally required for this type of case written agreements for access usually suffice.
- . Wording of Action statement and full description of land involved.
- . For plan of Balance of Lot 12 , see Example 10 Page 75.

REGULATION 29 PLAN TO EXCLUDE DIGITAL RADIO CONCENTRATOR SITE.



- . This is a plan of the balance of Lot 12 on plan DSN823 to exclude a Telecom Digital Radio Concentrator Site as surveyed on plan (Example 9 Page 74)
- . Parcel retains its previous numerical identifier as the new description for the amended Lot.

- . The name of the Station / Holding to be shown under the subject Lot Number on the face of the plan and in the Title Block as a "LOCALITY".
- . Areas appropriated to relevant Local Authorities to be shown on face.
- . Roads within the Lot, shown as dotted lines on Departmental working maps are deemed to be 60 metres wide unless otherwise specified.
- . Roads surveyed or unsurveyed are to be shown as a series of double straight lines.
- . Statement concerning "Fences to be adopted as boundaries " etc is to be shown if applicable.
- . Plan is compiled by collating the latest available data surrounding the Lot. This may vary from surveyed information to "scaling" and approximating information from published maps, sketches on Lands Dept. Files etc. The plan is NOT drafted purely by tracing or digitising from a published map.
- . This type of plan may be the basis for "upgrading" the accuracy of existing mapping.
- . See notes with Example 13 Page 79 for accuracies of Metes and Bounds & Areas.
- . For further information refer to D.G.I. Procedures No. K9/22-88/03.

# PLAN

REV.O COMPILED (REGULATION 29) PASTORAL HOLDING / GRAZING FARMS Numbera Wondoola 2123 PH 1528 S DIAGRAM'A Scale 1: 000 abt 180°0 o o DIAGRAM Not to Scale County စ္ပိ S Parish of Datry <u> 160-0</u> abt 0.0 Tobbo ŏ Parish of Tungaberry \_andsborough ቴ 240000 ha ⊚ County where indicated and as approximate Fences are to be adopted as boundarie obt 176°0' 000 0000 meres K ROUTE EICHHARDT RIV. Parish Parish of Wurring described by as shown Talawanta ò 68 500 ha ex Rds 58 500 ha ex Rds 113 000 ha ex Rds £ Lot I on plan LS17 Parish A County Yugara Parish ō 2920 416 1521 635 1723 205 656 753 2209 026 2406 975 (1990 959 Riv) / c/// // 186-684 /98/-062 2428-037 //6/-363 Parish Beling 1478-484 BURKE S.C. : Abt 270°32 270°36 226°05 . 9 270\*57 30 271.19 270-31 Portsh of Bigis 40 Kamileroi 5263 PH 1479 à à County 3 Lots I and 5 : Lot 3705 on plan PHI621 (Lorraine - Talawat) LAND AGENTS BURKETOWN LOCAL AUTHORITY As shown COMPILED FROM Plans TWI, KL3, KL4, L\$5, L\$6, L\$7, L\$11, PHI621, TW5, L\$13, TW7, TW8 and plan TOWN/SUBURB/LOCALITY PLAN OF Lots I and 5 LORRAINE-TALAWAT QK7142 on file Run 08/3705 Lorraine-Talawat Parish As shown

L.A.C. REF

08/3705 Pl.2 LORRAINE -TALAWAT

K14/007

Zone 55

Date

vide plan ABI23

SCALE 1: 000

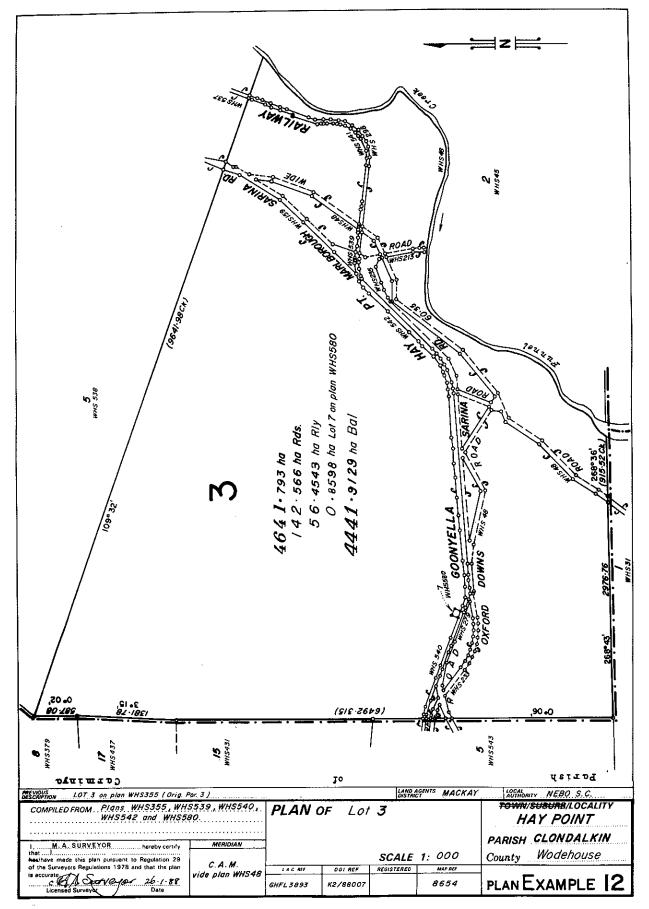
SE 54-10 SE 54-14

County Kamileroi/Landsboroug

PLANEXAMPLE

# COMPILED PLAN (REGULATION 29)

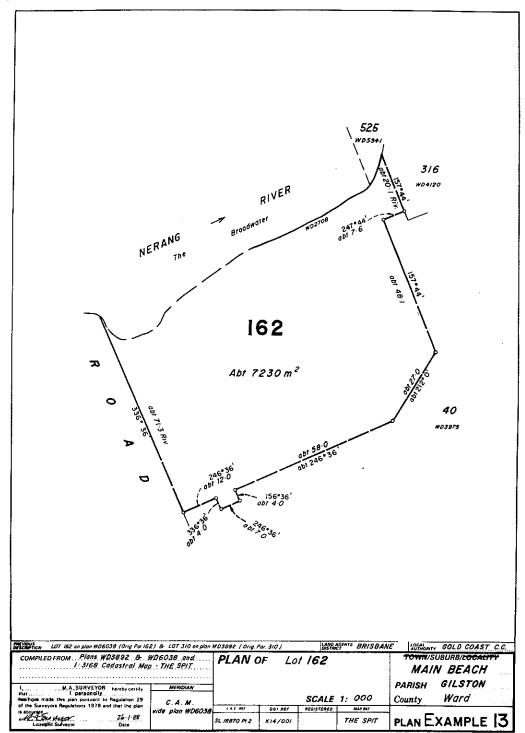
SURVEYED LAND



- . Metes and Bounds need not be shown for internal Roads, Railways etc. provided plan catalogue numbers from which this data can be obtained are shown in lieu thereof.
- . Plan catalogue number for Creek Traverse to be shown.
- . Parcel retains its previous numerical identifier as the new description for the amended Lot.
- . For further information on D.G.I. compiled plans refer to D.G.I. Procedure No. K9/22-88/02.

# COMPILED PLAN (REGULATION 29)

UNSURVEYED LAND



- . There are no strict guidelines for the accuracy of the Metes and Bounds or Areas for unsurveyed Reg.29 plans.
- . Bearings, Distances & Areas should be shown to an accuracy which would reasonably reflect the "Control" from which this data is approximated.
- . The following scale of accuracies may be utilised as a guideline in compilations :

	BEARINGS	: Nearest 0°15"
•	DISTANCES	( According to Scale of Plan )
	UP to 1: 1 250	- Nearest 0.5 metres
	1: 1500 to 1: 2500	- " 1.0 "
	1: 3 000 to 1: 8 000	- " 2.0 "
	1:10 000 to 1:25 000	- " 10.0 "
	1:30 000 to 1:80 000	- " 20.0 "
	1 :100 000 to ABOVE	- " 50.0 "

- . CLOSE RATIO : Allowable close ratio of Lots with unsurveyed boundaries is not less than 1:2000
- . "Abt" Areas are to be shown to no greater accuracy than 3 significant figures.
- . Parcel retains the most recent numerical identifier as the new description for the amended Lot.
- . For further information on D.G.I. compiled plans refer to D.G.I. Procedures No. K9/22-88/02.

#### PLAN (REGULATION 29) COMPILED

UNSURVEYED LAND 743069 Abt 90°00' Abt 110.0 321 Abt. <sub>АВТ.</sub> **Э•**Э ћа Abt 270\*00 557 FTY 1541 LAND AGENTS BOWEN AUTHORITY BOWEN S.C. LOT 557 on FTY1541 (Part of) TOWN/SUBURB/LOCALITY COMPILED FROM Plans HR860 , K1246II & Sketch. with L/G Report dated 2:6:87 an... file QL 557 **PLAN** OF Lot 321 MT. COUPAGE 1. MA. SURVEYOR that I. has/have PARISH PRING

### NOTE

that I.
has/have made this plan pursuant to Regulation 29 of the Surveyors Regolations 1978 and that the plan is accurate.

Licensed/Surveyor Date

016-1-88 Date

. Connection required to a Cadastral point for "location" of Lot 321 for mapping purposes.

K14/002

County Herbert

PLAN EXAMPLE 14

SCALE 1: 000

P.M.

. Approximate A.M.G. co-ordinates may be used to "locate" the land parcels.

Approx C.A.M.

vide plan

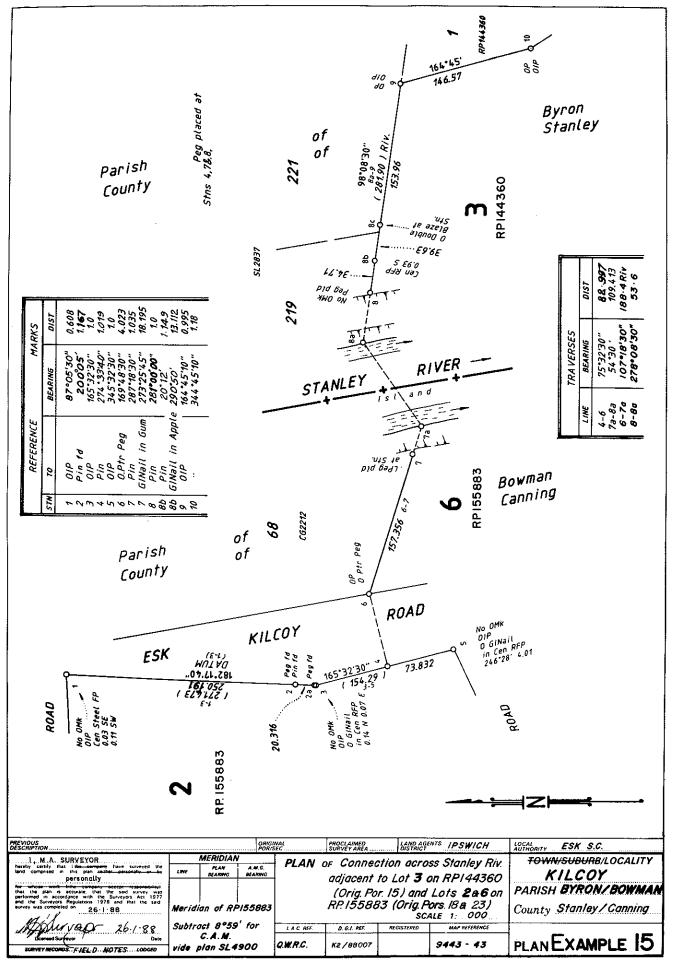
K124611

. Information given in the "COMPILED FROM" box is to include all relevant compilation material used eg. Sketch with Report, Approval, Offer etc. (show date also) and Lands Department File Reference etc.

LAC BEF

. See notes with Example 13 - Page 79 for accuracies of Metes and Bounds and Areas.

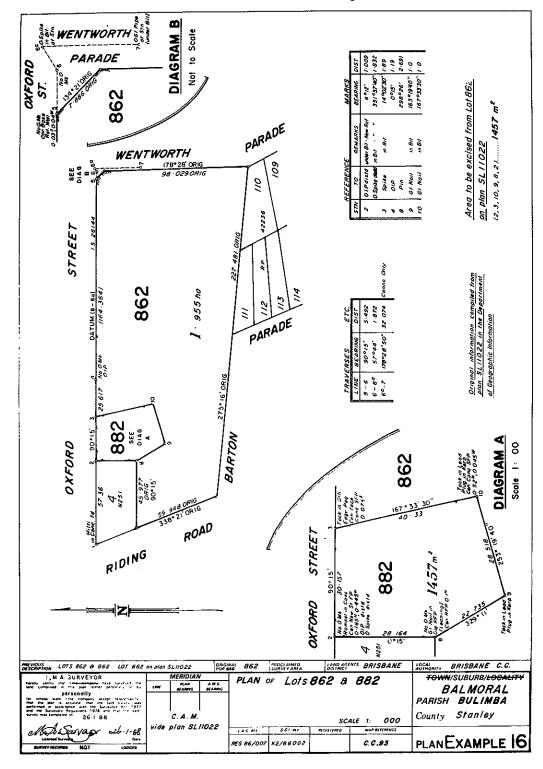
# CONNECTIONS



#### NOTE

. In the Title block reference must be given to a Cadastral description ie. Lot on plan, to "Locate" the connection and enable this plan of survey to be enrolled in the D.G.I. Computerised Register of plans.

IN CROWN LEASEHOLD TENURE eg. POLICE STATION



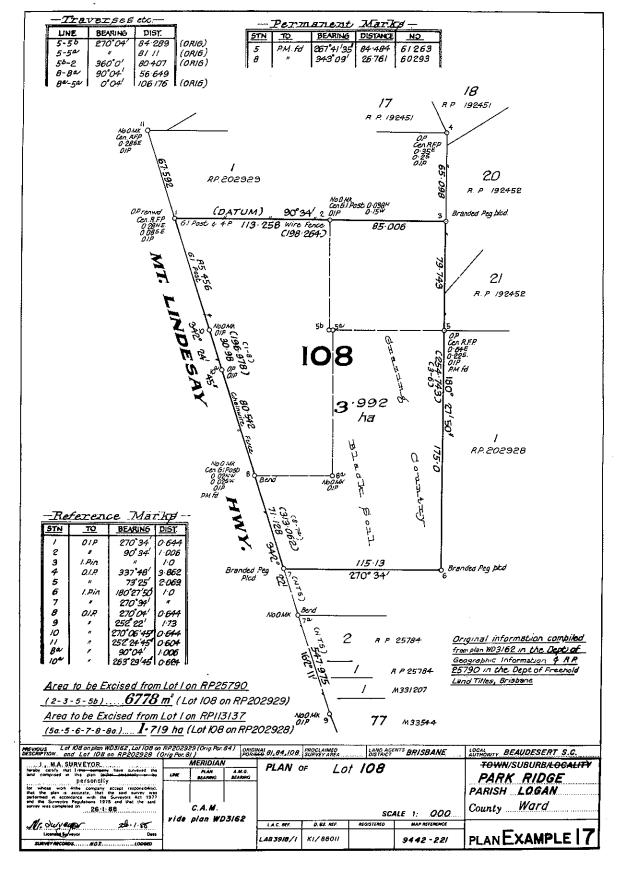
#### NOTE

- . Wording of Action Statement on face of plan.
- . A new Lot number is issued and the balance retains its previous numerical identifier (862).
- . To unclutter the plan and retain clarity, a Reg.29 plan may be compiled for the balance of large dense Lots.
- . Regulation 29 compiled plans must be drawn when the balance Lots are unsurveyed.
- . In this particular instance, balance area of Lot 862 has been re- calculated.

### For plans of amended Miners Homesteads...

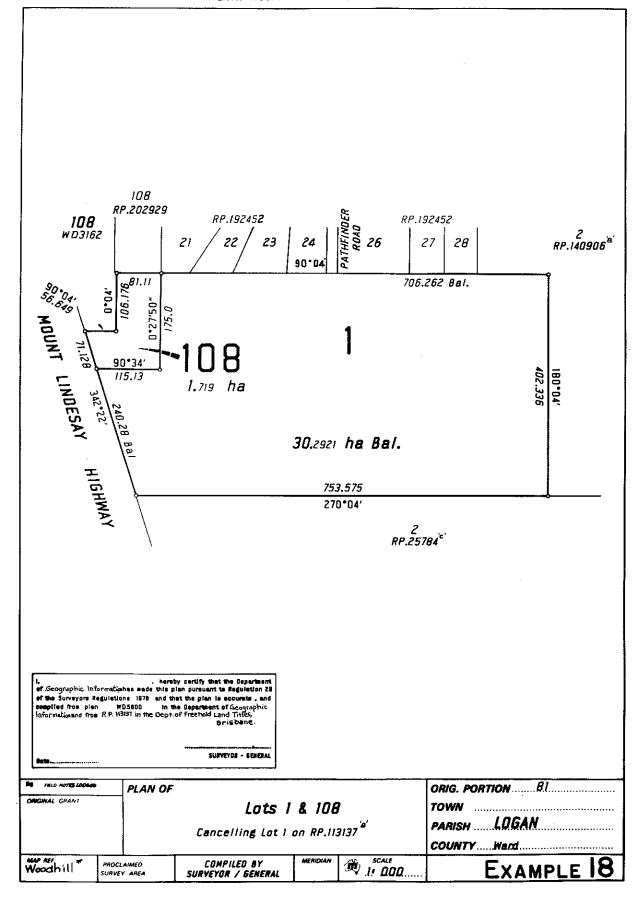
- . Wording of Action statement on face of plan would refer to MH No. if previous plan uses same as parcel identifier.
- If previous plan uses MHL/MHPL No. as identifier, a new Lot number should be given for description of the balance Lot.
- . If Miners Homestead is already identified by a Lot No. a new Lot number is given for the Area to be Resumed. Balance area retains its previous identifier.
- . If the resumption is for Public Purposes eg. " Park " the Action statement will read eg. "Area resumed for Park Purposes from MHPL1347 (Lot 882) ....1457 m<sup>2</sup> "
- . "Mining District" to be substituted for "Land Agent's District".
- . Mining Field whether current or abolished must be shown. If abolished prefix name with "EX".

#### FOR PUBLIC UTILITIES - IN FREEHOLD TENURE



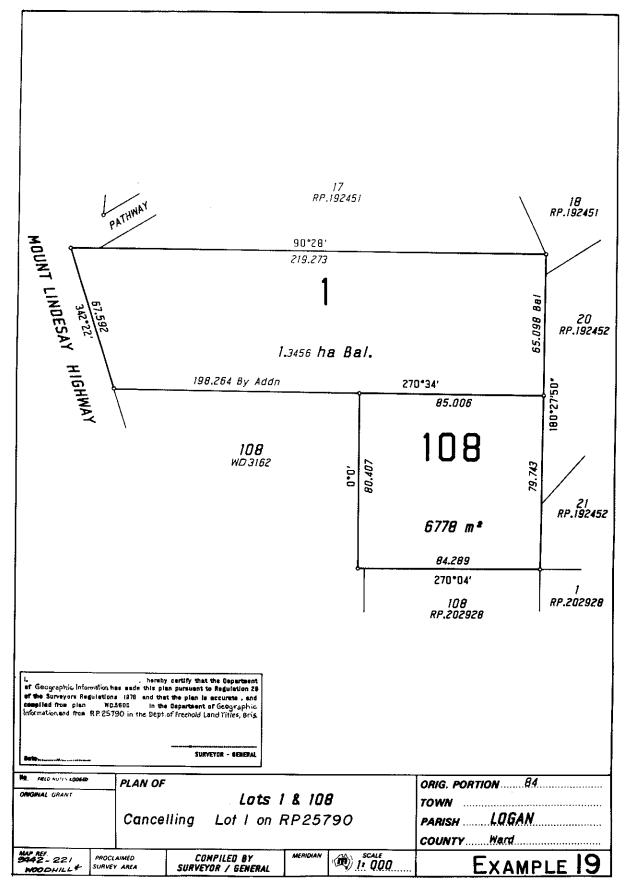
- . Figures (2-3-5-5b) & (5a-5-6-8) are areas to be resumed from adjoining Freehold Titles for addition to existing School land. Fig.(1-2-8a-8) Orig.Por.108 on plan WD3162 is the existing School.
- . The accompanying compiled D.F.L.T. plans (Examples 18 & 19 Pages 84 & 85) are required to register proclamations resuming the above areas as required under the Land Administration Act.
- . Plan is of Lot 108 (the proposed enlarged School area).
- . Wording of Action statement on face of plan and reference to compiled D.F.L.T. plans.
- . Parcel retains the previous numerical identifier as the new description for the amended Lot.
- . In this particular instance, Balance area of Lot 108 has been re-calculated.

COMPILED D.F.L.T. PLAN



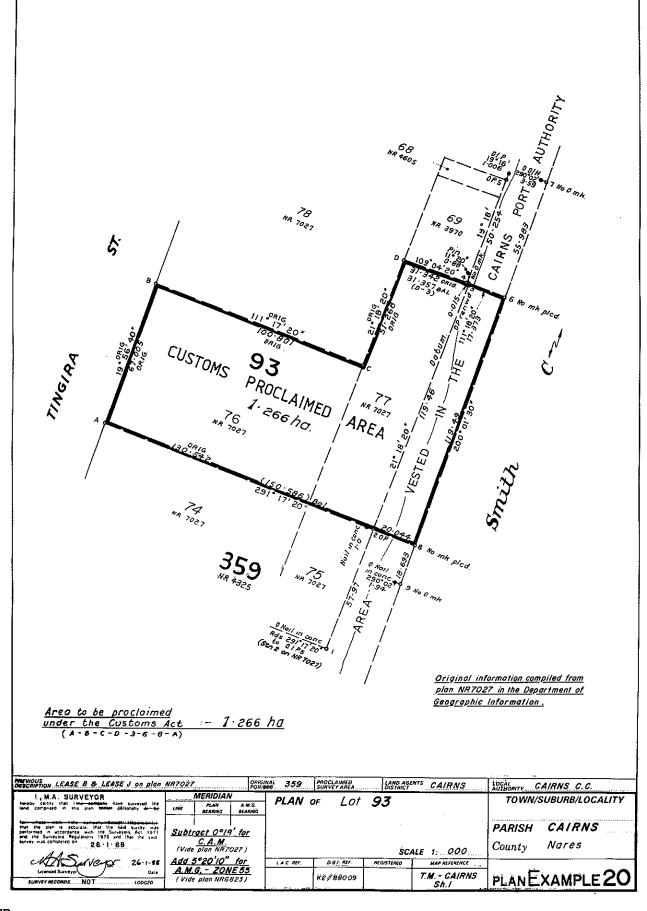
- Procedure for numbering Lots ie. original identifier retained for balance of the Title (Lot 1) and identifier for School (Lot 108) used for describing the resumed land. (See Example 17-Page 83)
- . Balance Areas to be adopted as normal practice.
- . A calculated area may be used if
  - . the balance area is inaccurate (significantly)
  - and . a close is obtained within acceptable limits.
- . For additional information on D.F.L.T. compiled plans for these Actions refer to D.G.I. Procedures No. K9/22-88/01.

COMPILED D.F. L.T. PLAN



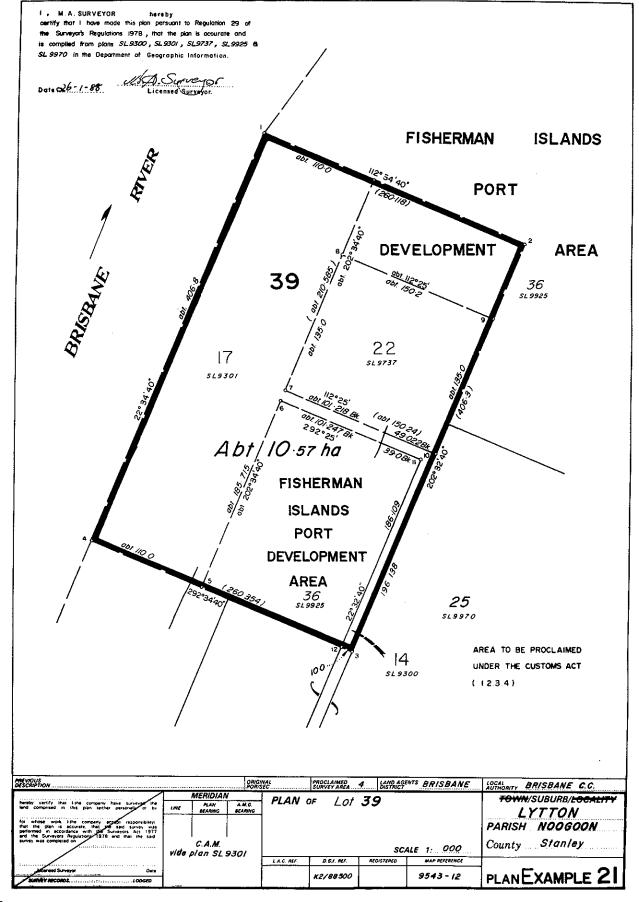
- . Procedure for numbering Lots ie. original identifier retained for balance of the Title (Lot 1) and identifier for School (Lot 108) used for describing the resumed land.(See Example 17-Page 83)
- . Balance Areas are to be adopted as normal practice.
- . A calculated area may be used if
  - . the balance area is inaccurate (significantly)
  - and . a close is obtained within acceptable limits.
- For additional information on D.F.L.T. compiled plans for these Actions refer to D.G.I. Procedures No. K9/22-88/01.

### CUSTOMS PROCLAIMED AREA



- . Action statement to be shown on face of plan.
- . As the subject boundaries are edged in RED, care should be taken to locate the internal boundary dimensions well clear of the subject lines so as to maintain clarity of information when reproduced.
- . For additional information on this type of survey, refer to DGI Procedures No.K9/22-88/02.

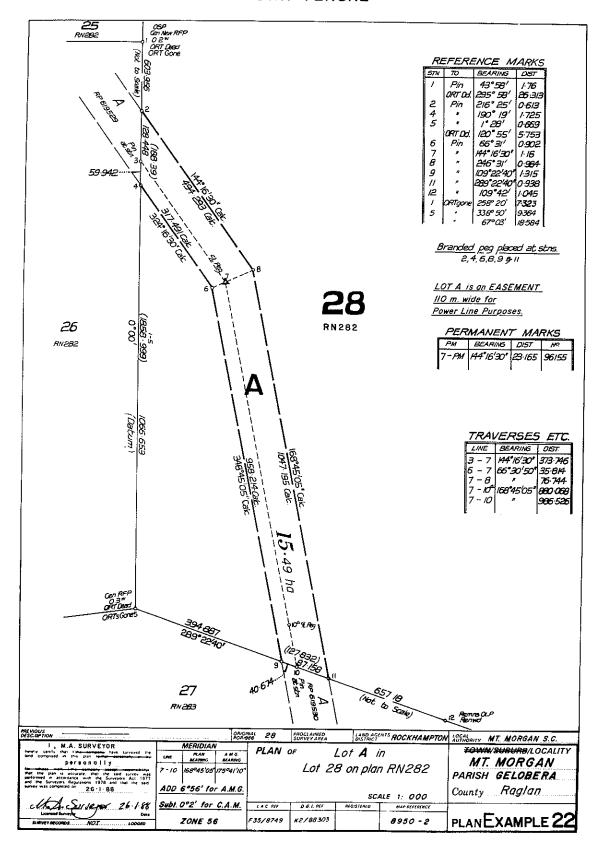
### CUSTOMS PROCLAIMED AREA



- . Action statement to be shown on face of plan.
- . As the subject boundaries are edged in RED, care should be taken to locate internal boundary dimensions well clear of the subject lines so as to maintain clarity of information when reproduced.
- . See notes with Example plan 13 Page 79 for accuacies of Metes & Bounds & Areas.
- . For additional information on this type of survey, refer to DGI Procedures No.K9/22-86/02.

# EASEMENTS

IN CROWN TENURE



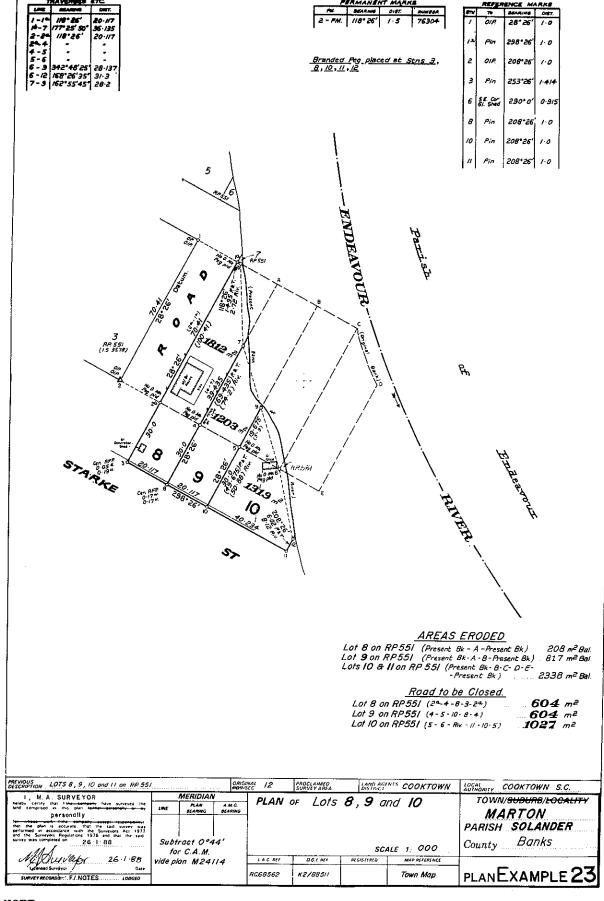
### NOTE

- . Width & Purpose of Easement must be shown on face of plan.
- . The wording in the Title Block and full description are shown on the face of the plan.
- . Surveyed or deduced distances must be shown to a cadastral corner when the Easement crosses a subject boundary.
- . Alpha descriptors should not be repeated in any one parcel.

### For plans of Easements in Miners Homesteads.....

- . If previous plan uses MHL/MHPL Number as identifier, new Lot number should be given.
- . If Miners Homestead has already been allocated a Lot number on a Mines Department plan, such M.P. number may be inserted in the Title Block.
- . Tenure Table showing correct Tenure must be completed.
- . "Mining District" to be substituted for "Land Agent's District".
- . Mining Field whether current or abolished must be shown. If Field abolished prefix name with "EX".

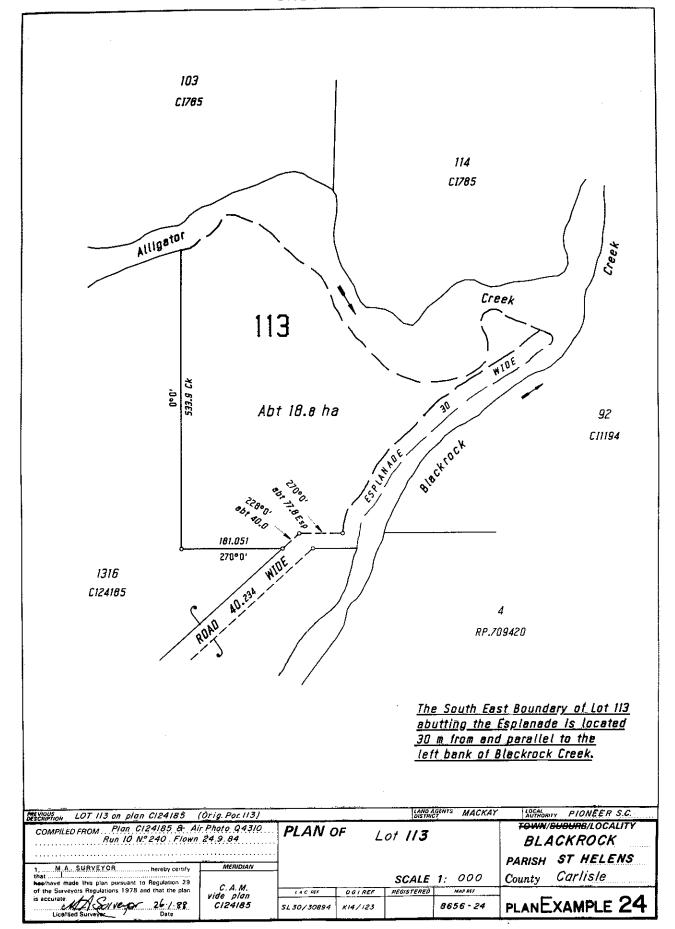
# **EROSION**



- . Wording and description of Action Statements on face of plan.
- . Parcels retain their previous numerical identifier as the new descriptions for the amended Lots.
- . In this particular instance, Balance Areas have not been adopted as the areas of Lots 8,9 & 10 have been re-calculated.

# **ESPLANADES**

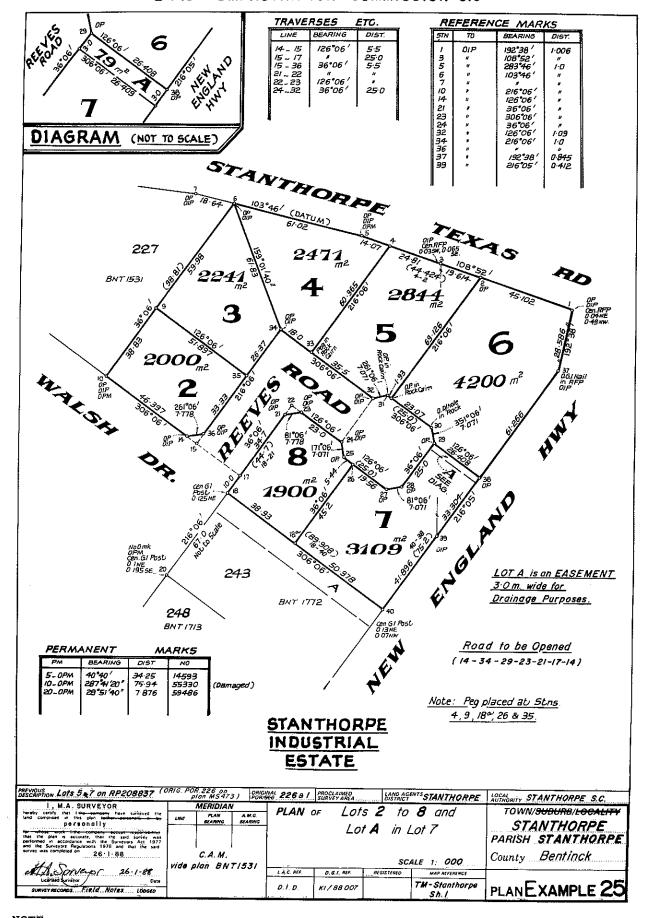
UNSURVEYED



- . Statement on face of plan for location of Esplanade boundary.
- . Refer to Surveyors Regulations and Recommended Practices for survey procedures.
- . See also notes with Example 13 Page 79

# **ESTATES**

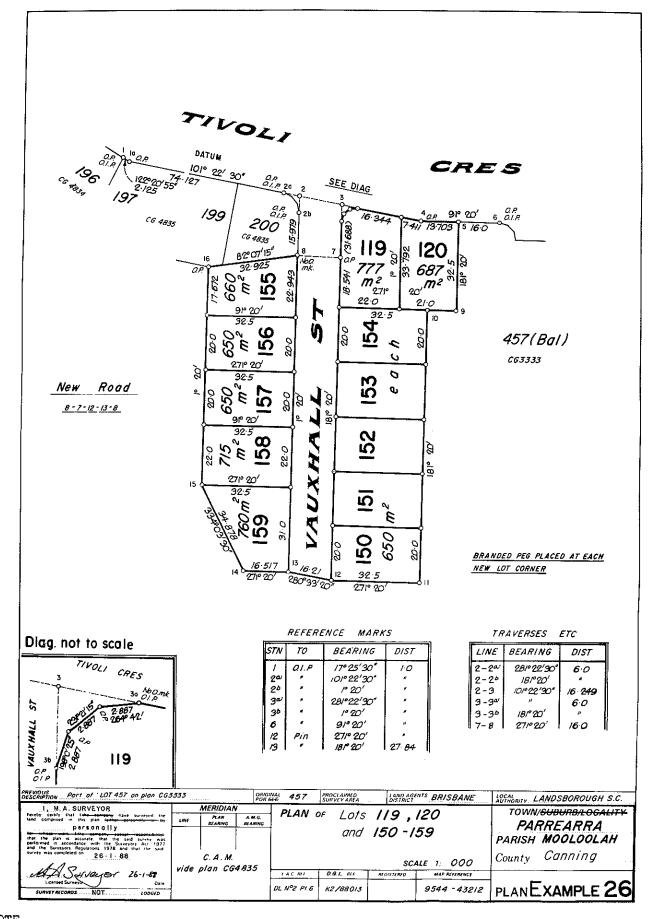
eg. DEPARTMENT OF INDUSTRY DEVELOPMENT LAND ADMINISTRATION COMMISSION etc.



- . Any New Road evolving as a result of the Estate is to be indicated by an Action Statement on the face of the plan.
- . Estates for the Land Administration Commission are to be created in a similar manner. Estate name need not be shown.

# **ESTATES**

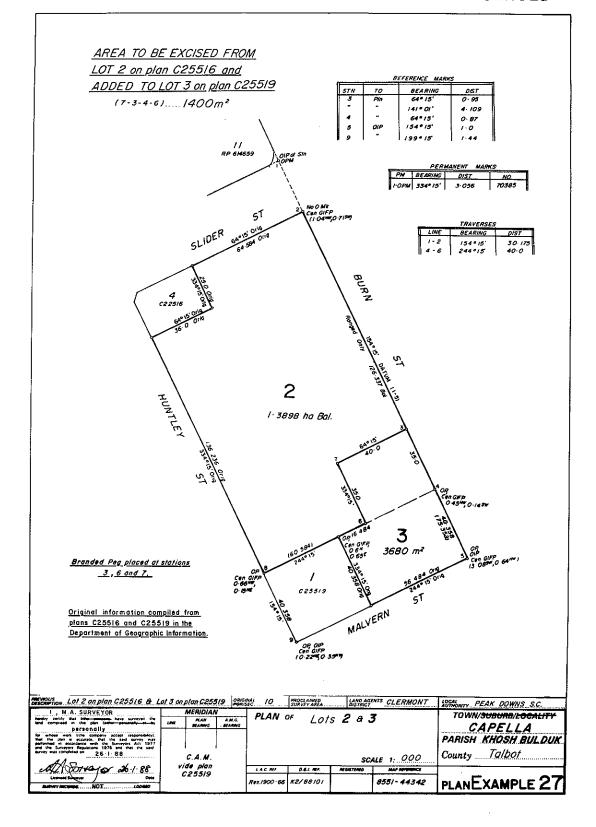
IN CROWN DEVELOPMENT LEASES



- . New Roads in Crown Development Leases are deemed to be dedicated as Road under Section 216(B) of the Land Act.
- . A statement indicating the extent of the New Road may be shown on the face of the plan. (An area need not be shown).

### **EXCISION**

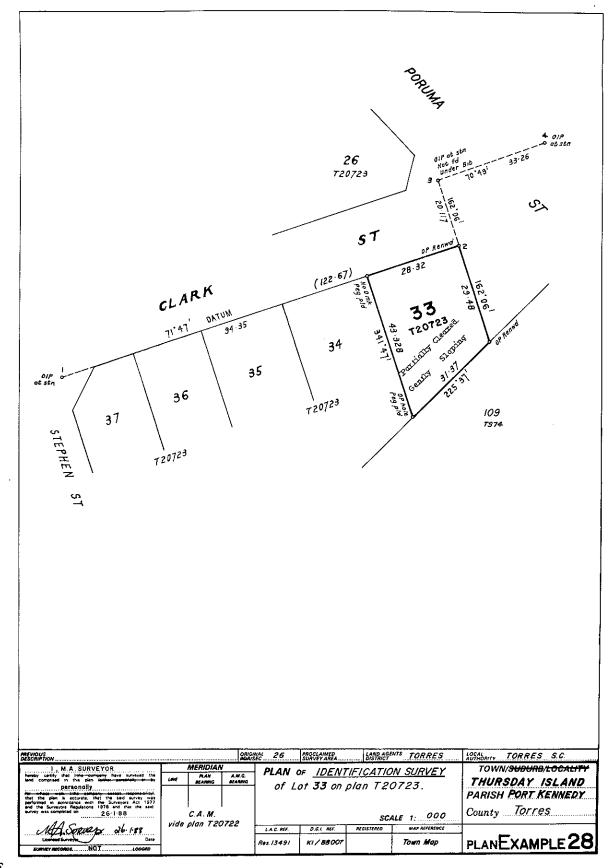
### FROM CROWN LEASEHOLD ADDED TO CROWN LEASEHOLD



- . Wording of Action Statement and full description of land involved.
- . Parcels retain their previous numerical identifier as the new description for the amended Lots For plans of amended Miners Homesteads...
- . The description of land shown in the Action Statement must bear the <u>current Legal description</u> as indicated on the present Mining Tenure Documents ( Land may presently be described as eg. Lot 3 on MPH33658 or MHL5147 or MHPL7109 etc. )
- . If previous plan uses MHL/MHPL numbers as identifiers, new Lot numbers should be given.
- . "Mining District" to be substituted for "Land Agent's District".
- . Mining Field whether current or abolished must be shown. If abolished prefix name with "EX".
- . "PREVIOUS DESCRIPTION" to refer to Lot or MHL/MHPL number on previous plan. (Previous plan may a D.G.I. or Mines Department plan).

# IDENTIFICATION SURVEY

WITH MINIMAL OR NO VARIATIONS FROM ORIGINAL



### NOTE

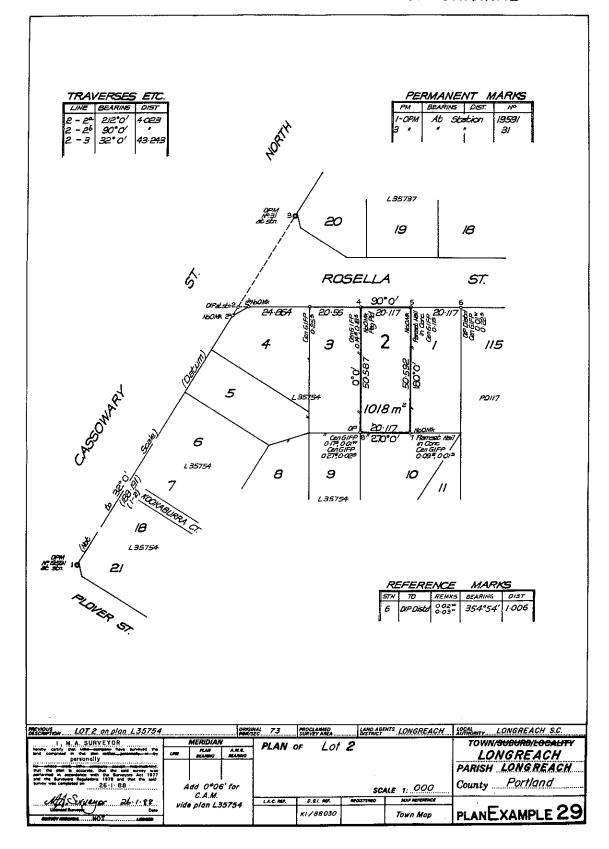
- Full description is shown on the subject Lot and in the Title of the plan in subject style. (ie. Lot on plan description)
- . No area is shown on the subject Lot.

For Identification Surveys of Miners Homesteads...

- . If the previous plan uses MHL/MHPL number, this will remain as the description for the Identification Survey.
- . "Mining District" to be substituted for "Land Agent's District".
- . Mining Field whether current or abolished must be shown. If Field abolished prefix name with "EX".

#### IDENTIFICATION SURVEY

WITH SIGNIFICANT DIFFERENCE FROM ORIGINAL



#### NOTE

- . Prepare and lodge plan as a normal survey.
- . Show Area on subject Lot.
- . Show Title as "Lot 2".
- . This plan can be used for future land transactions.
  - Parcel retains its previous numerical identifier as the new description for the amended Lot.

For Identification Surveys of Miners Homesteads...

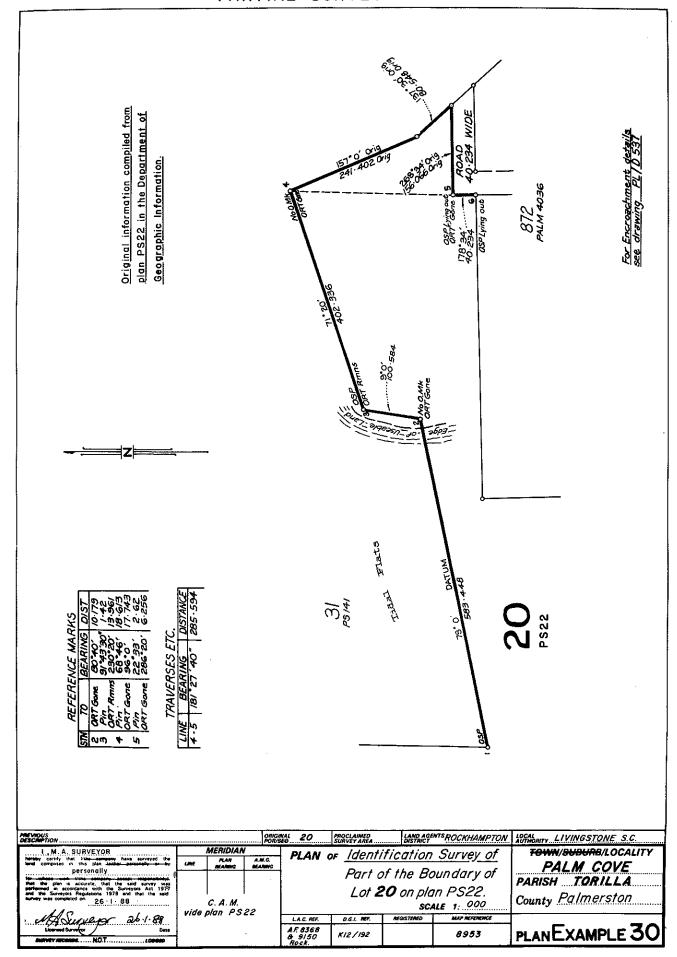
- . This type of survey will result in correction of Instrument of Lease by Order in Council. If previous plan uses MHL/MHPL number as identifier, a new Lot number should be given.

- . "Mining District" to be substituted for "Land Agent's District".

  Mining Field whether current or abolished must be shown. If Field abolished prefix name with "EX".

# IDENTIFICATION SURVEY

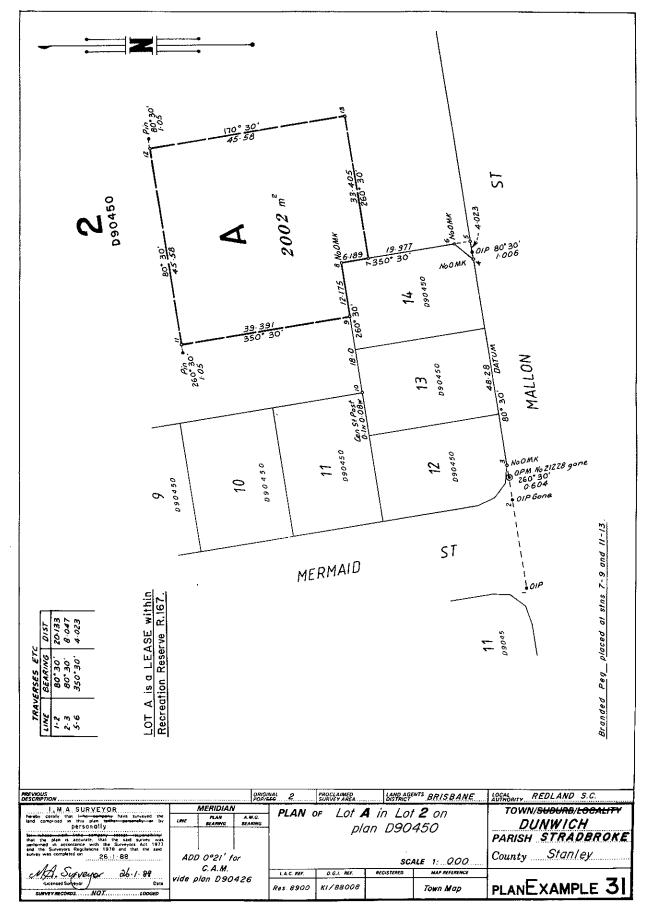
PARTIAL SURVEY



- . Wording in Title Block and full description shown on face of plan in Subject Style.
- . Presentation of line work.

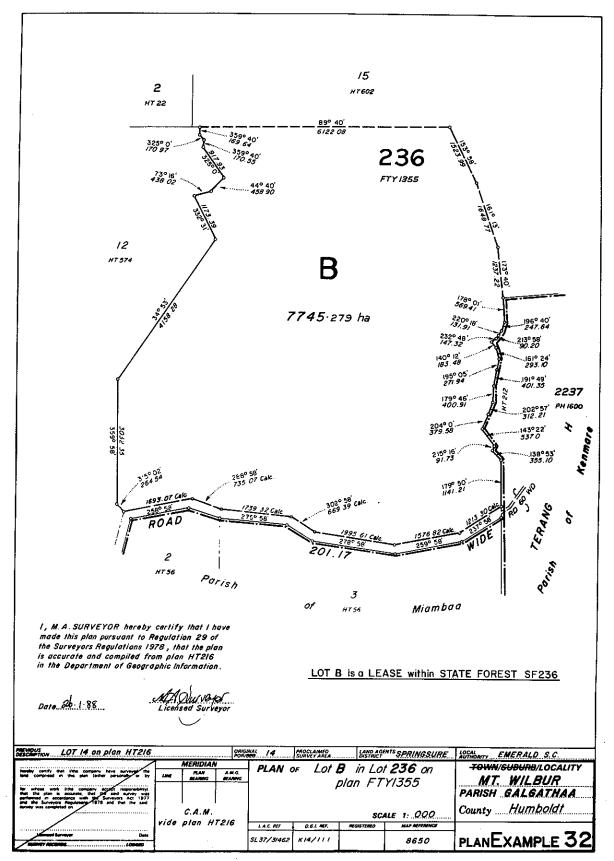
**LEASES** 

IN CROWN RESERVES - (Section 203B, of the Land Act)



- Lot A is a Special Lease within a Recreation Reserve described as "Lot 2 on plan D90450", issued under Section 203(B) of the Land Act. Note also statement on face of plan referring to Lot A.
- . Boundaries are shown broken (similar to Easement boundaries) except where they are co-incident with surveyed Cadastral boundaries. (eg. lines 7-8-9)
- . The wording in the Title Block and the full description shown on the face of the plan in subject style.
- . Alpha descriptors should not be repeated in any one parcel.

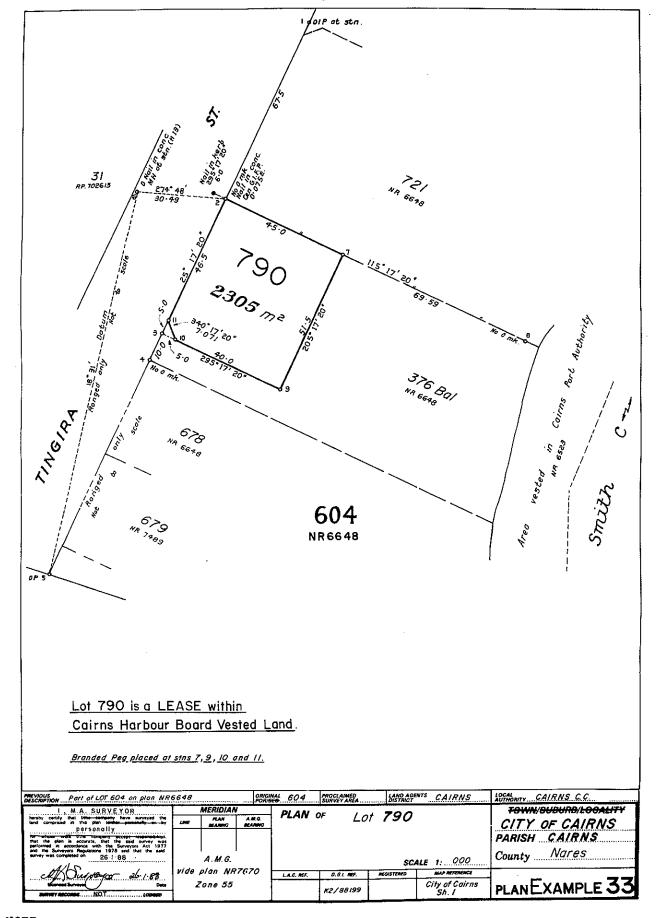
LEASES
IN CROWN RESERVES eg. STATE FOREST



- . Lot B is a Special Lease within a State Forest described as Lot 236 on plan FTY1355, issued under Section 203(B) of the Land Act and Section 35(2) of the Forestry Act.
- . The wording in the Title Block and the full description shown on the face of the plan in subject style.
- . Boundaries are shown broken in subject style (similar to Easements) except where they are co-incident with surveyed Cadastral boundaries.
- . Alpha descriptors should not be repeated in any one parcel.

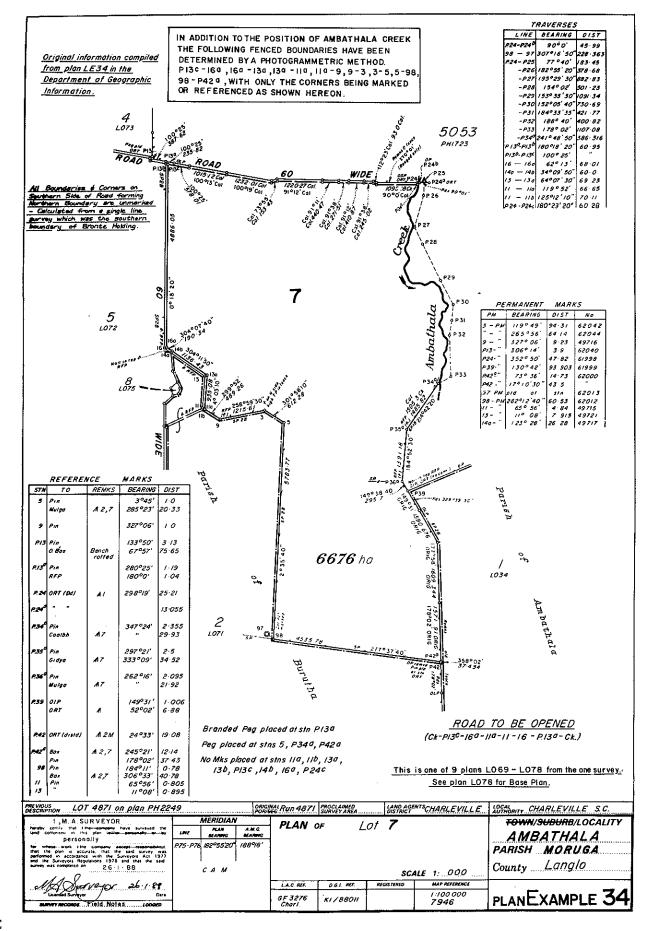
# LEASES

#### IN VESTED AREAS eg. HARBOURS BOARD



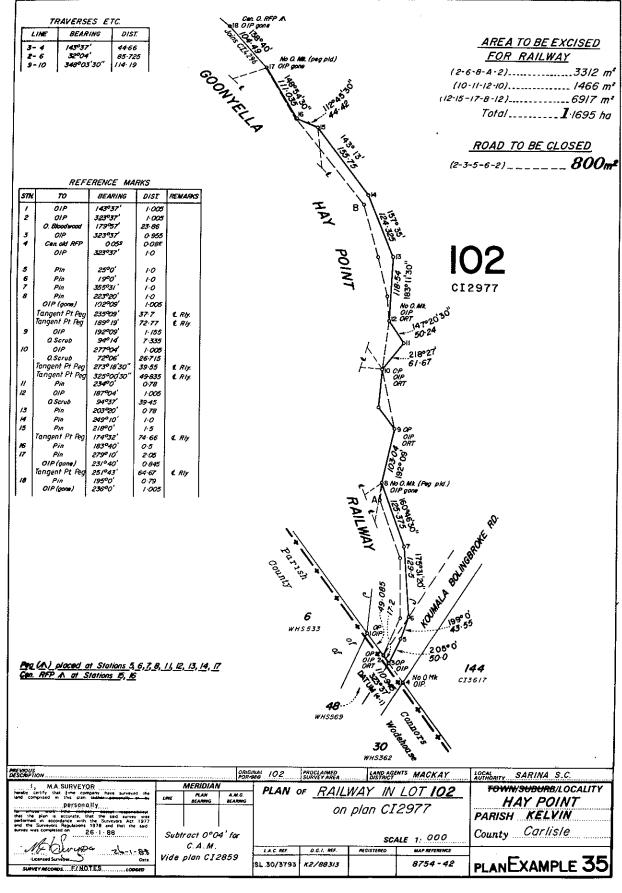
- . The statement describing Lot 790 that is shown on the face of the plan.
- . Description of the Vested area ( Lot 604 on plan NR6648 ) within which the Lease is located, is also shown in subject style.
- . Any additional requirements should be obtained from the relevant Harbour Board / Port Authority concerned.

### PHOTOGRAMMETRIC SURVEY



- . Approval of Surveyor- General must be obtained prior to this method of survey vide Regulation 28(G) of the Survey Regulations 1978.
- . Features ( Fences, Creeks etc.) identifiable on photography are adopted as boundaries.
- . Boundaries determined by a photogrammetric method must be stated & identified on face.
- . Statements on face of plan.

### RAILWAY IN CROWN LAND



#### NOTE

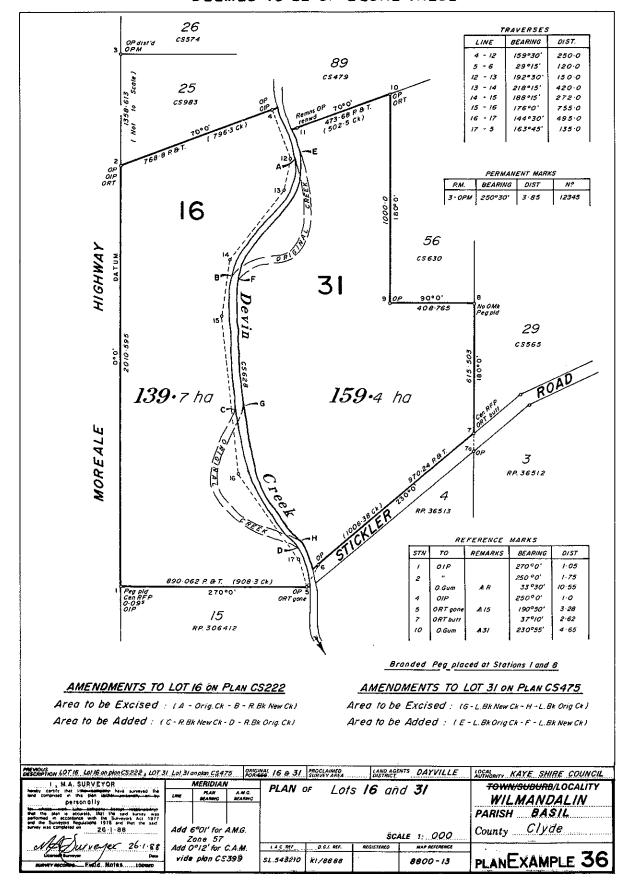
- . Wording of Action Statements.
- . In this particular case, a Regulation 29 Compiled Plan is required for the balance of Lot 102.
- . If Railway area is already resumed prior to survey, Action Statement will be titled "NEW RAILWAY".
  - If Road area is already closed by Railway Dept. prior to survey, Action Statement will read "CLOSED ROAD".
- . For Railway in Freehold Tenure, a D.F.L.T. subdivisional survey plan is prepared. See D.F.L.T. Requirements.

#### For Railway in Miners Homestead...

- . Title of plan will read eg. "RAILWAY IN MHPL10241".
- . If previous plan uses MHL/MHPL Number as identifier, a new Lot number should be given for plan of the balance of MHL/MHPL.

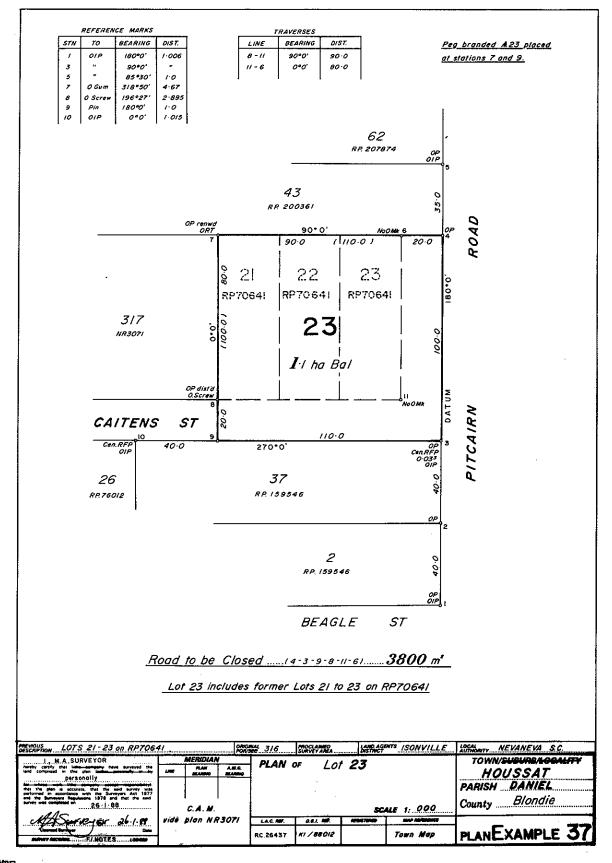
# REALIGNMENT

OF WATERCOURSE & EXCHANGE OF LANDS
DEEMED TO BE OF EQUAL VALUE



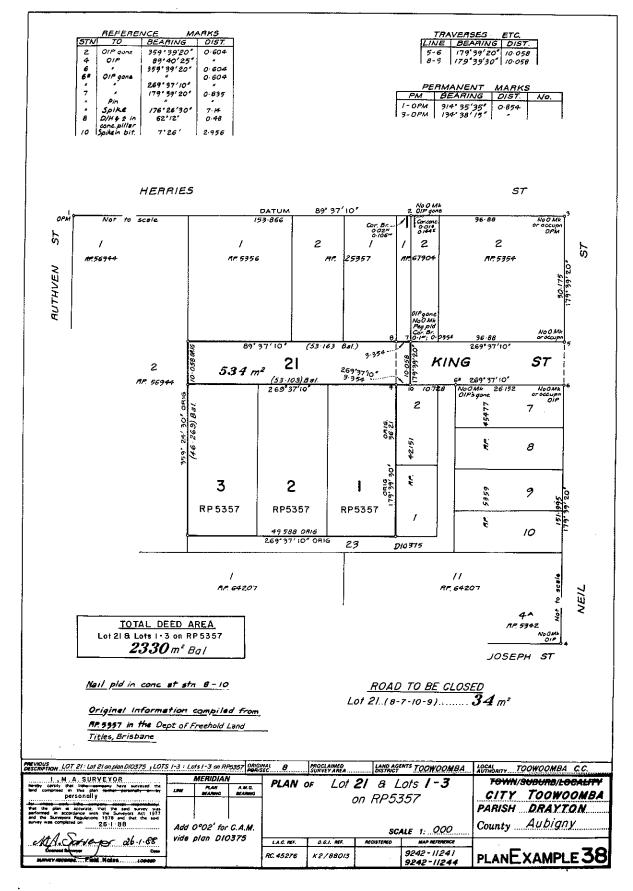
- . This example only concerns cases where the Leasehold Lands to be exchanged as a result of the shift in the watercourse are deemed to be of equal value.
- . The specific Action Statements and definition of the land involved.
- . In this particular instance, the areas of Lots 16 & 31 have been re-calculated.
- . For cases where Freehold land is involved, an additional D.F.T.L. plan will be required to implement Actions. For details, contact should be made with the DGI District Surveyor.
- . Parcels retain their previous numerical identifier as the new description for the amended Lots.

ADDITION TO AND AMALGAMATION OF FREEHOLD TENURE (Vide Sec. 9 & 365 A. of Land Act )



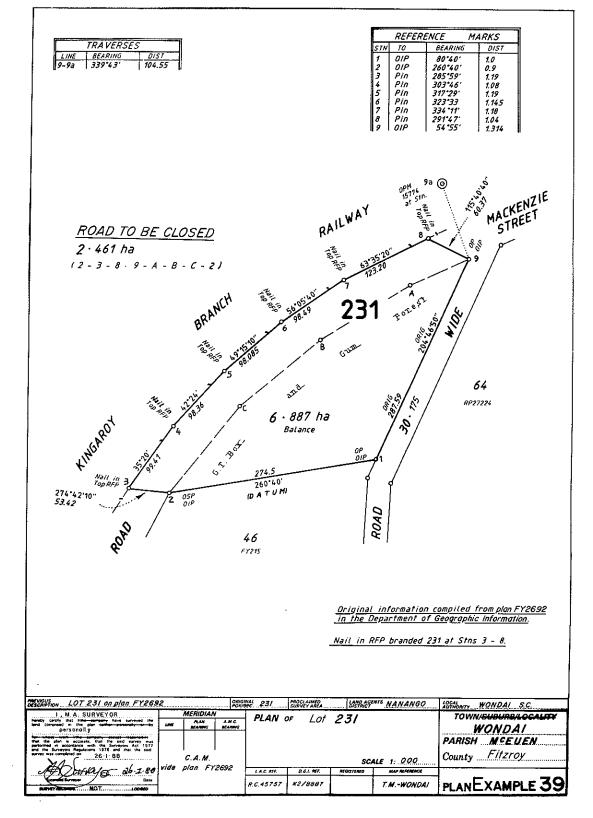
- Lots 21,22 and 23 on RP70641 are individual parcels held as a Consolidated Title to which it is proposed to add an area of "ROAD TO BE CLOSED" (4-3-9-8-11-6). Lands Dept. Approvals have stipulated amalgamation into one Lot due to removal of access. Amendments to the Land Act (Sec.9 and 365A) now permit these Actions to be affected on the one plan.
- . The Actions statements on the face of the plan required for this Action.
- . The description of the new Title will adopt one of the previous numerical identifiers.
- . The description of the lapsed parcels are shown in dotted style.

#### ADDITION TO FREEHOLD CONSOLIDATED TITLE



- . Lots 1-3 on RP5357 and Lot 21 on plan D10375 are individual parcels held as a Consolidated Title to which is proposed to add an area of road to be closed (8-7-10-9) under Section 9 of the Land Act.
- . The affected parcel (Lot 21) is amended complete with Metes and Bounds and Area.
- . The Consolidated Title is also completed as amended with Metes and Bounds and a "Total Deed Area" shown on the face of the plan with a border around this statement.
- . Plan number of unaffected parcels (RP5357) is shown on subject Lots and in the plan Title.
- . Parcels retain their previous numerical identifier as the new description for the amended Lots.

### ADDITION TO LEASEHOLD OR FREEHOLD



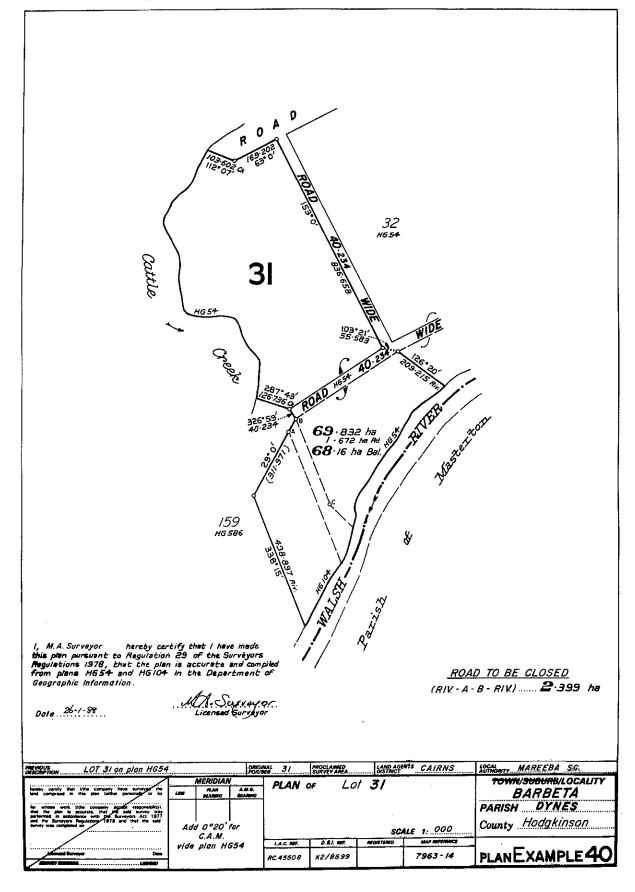
#### NOTE

- . Irrespective of Tenure the subject Lot is completed as amended.
- . Parcel retains its previous numerical identifier as the description for the amended Lot.
- . Regulation 29 compiled plans should be drawn for dense Lots. The survey plan would then be Titled "Road to be Closed in Lot 231 on plan FY2692".

#### For plans of Miners Homesteads...

- . Wording of Action Statement will read "Road to be Closed and Added to MHL/MHPL...." ie. If Lease not converted to Lot on Plan.
- Tenure Table showing correct Tenure must be completed.
- . If previous plan uses MHL/MHPL Number as identifier, new Lot number should be given.
- "Mining District" to be substituted for "Land Agent's District".
- . Mining Field whether current or abolished must be shown. If Field abolished prefix name with "EX".

BY A REGULATION 29 COMPILED PLAN



- . Regulation 29 Plan compiled if sufficient survey information already exists on previously registered plans in any Registering Authority.
- Compilation Certificate must comprise plan over which present Tenure is issued and plan/s covering the Road to be Closed.
- . If road has been previously closed by Government Gazette, no Action Statement or cancelled boundary lines are required.
- Parcel retains its previous numerical identifier as the new description for the amended Lot.
- . See also notes with Example 12 Page 78.

# ADDITION TO UNDESCRIBED RAILWAY

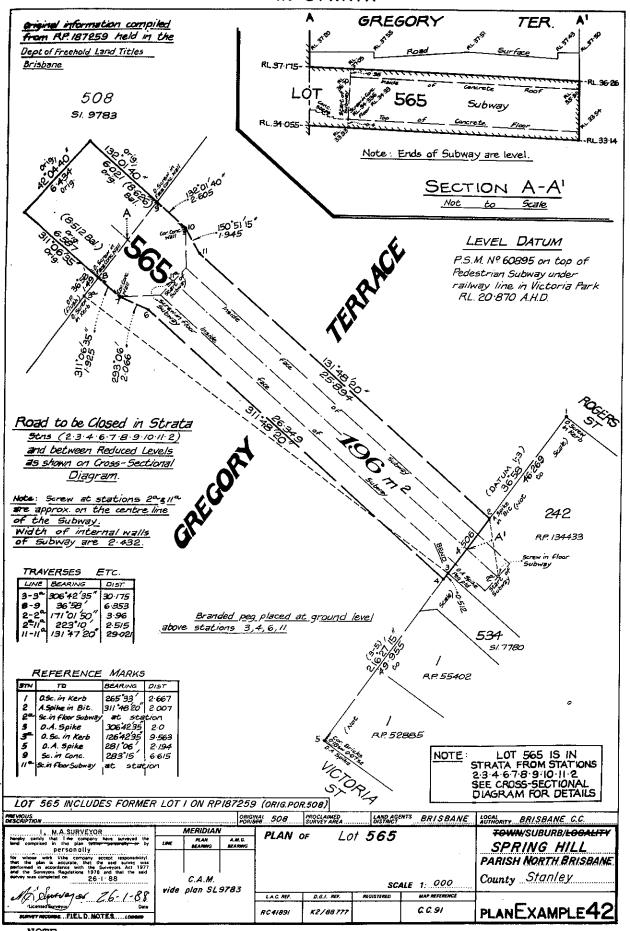
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	2-6	105*167	/406-777		285'16	2 012	13929		1	OIP	91*11 /	1.006	
	2-2* 2-9	170° 15 <sup>/</sup> 105° 16 <sup>/</sup>	33 293 524-507	4-PM(I	(a) 17 <b>.4</b> 6 /	1.0	70483	'	2 وم	Pin OIP	71°0 / 705°16 /	/-685 /-006	
		ck 195*16	35.046						2~	OIP	277*27	1.006	
		ck 195*16 <sup>/</sup>	34.978						3	Pin	281*32 /	0.	
	7-7a	195 16	30-235						4	P.:t	275*17	0.985	
	9-9a 9-11	195*16 <sup>/</sup>	30·175 40·693						4 β. 5	ldwd.	303°40 <sup>/</sup> 277° 06 <sup>/</sup>	31·89 1·162	
	10-100	,	206.062						7	Pin OIP	103 26	1.006	
	11-0	105*16	841 - 577						7	OIP	285 * 16	1.006	
	11-12	15*16	170 -858						8	OIP	98*07′	1 006	
									в 10 a	OIP OIP	283*26 <sup>*</sup> 80*0i <sup>*</sup>	1.006	
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AND THE SECOND	.F.ie.id. h	lotes Lopes	$\dashv$		R.C. 131.	3 K2/	88 007		$\perp$	9/50	33	PLANC	XAMPLE 41

<sup>.</sup> As Railway has no Property Description, an adjoining "Lot on Plan" description must appear on the plan and in the Title block in subject style to aid location & enable survey to be recorded in the DGI Registry of Plans.

<sup>.</sup> If road already closed prior to survey (by Railway Dept.) the Action Statement will read "CLOSED ROAD".

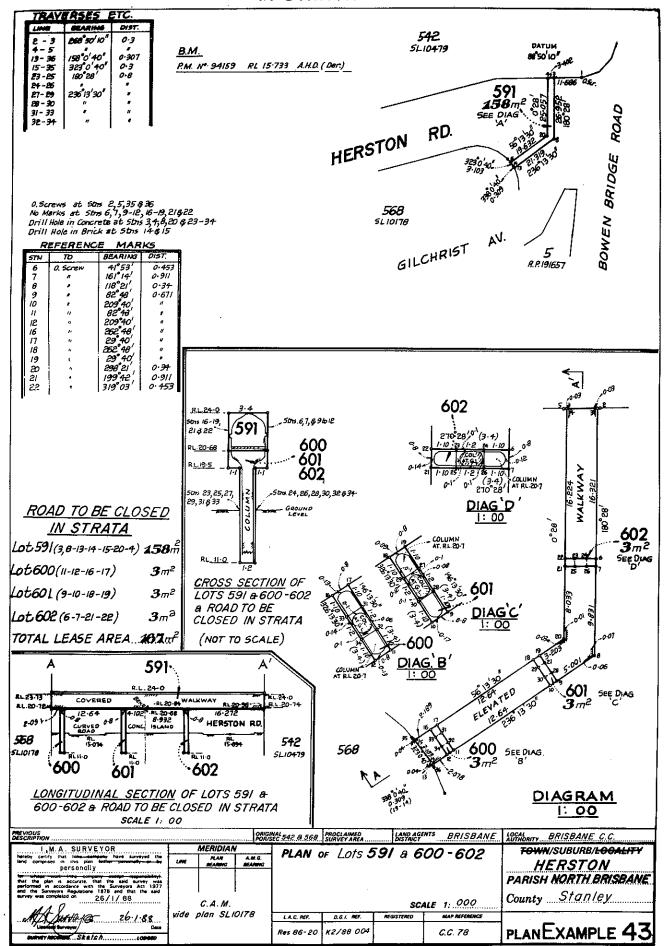
<sup>.</sup> A plan of the amended Railway Area is not required for this type of case.

IN STRATA



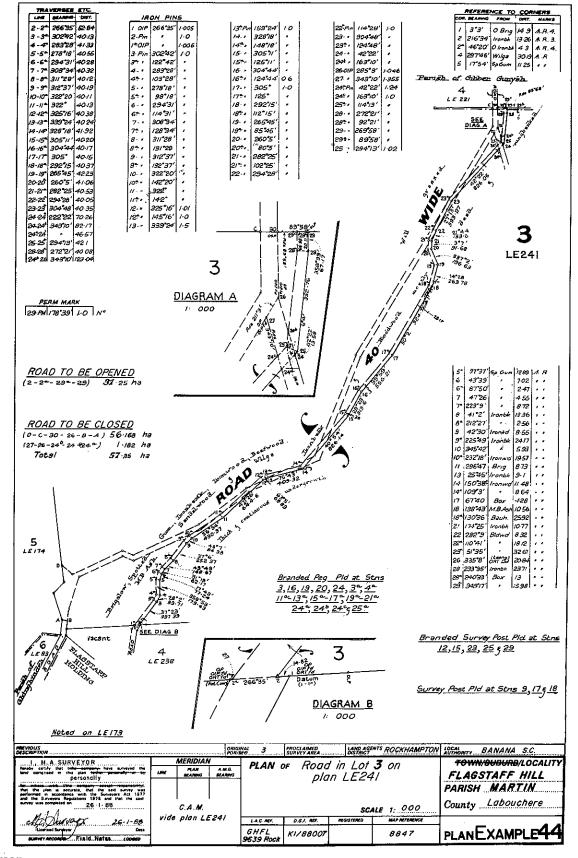
- . Special Statement on face to indicate Level Datum referenced to A.H.D.
- . Wording of Action Statement for Road to be Closed.
- . Subterrainian boundaries shown by broken lines (similar to Easements).
- . For additional information refer to D.G.I. Procedures No. K9/22-88/06.

IN STRATA



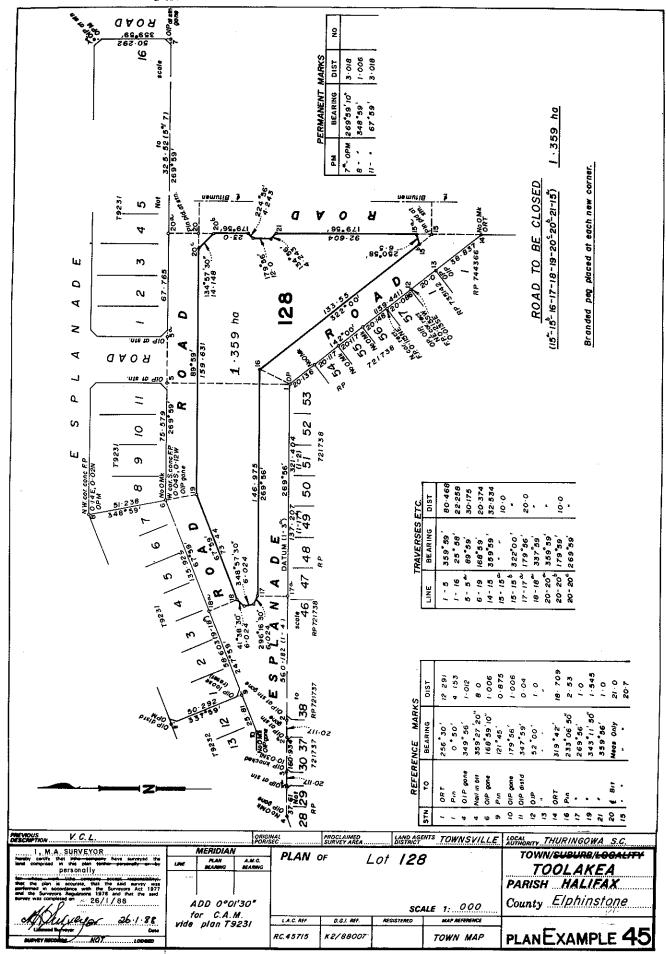
- . The method of representing Cross Sectional diagrams etc.
- . Road Closure in Strata is limited by R.L.'s based on registered Bench Mark referenced to A.H.D.
- . For additional information refer to D.G.I. Procedure No. K9/22-86/06.

INVOLVING CRISS CROSSING OF OLD & NEW ROADS



- . New and Old Road to be included in the Action Statements on face of plan.
- . Survey and calculations of internal road intersections and severence areas are not necessary unless stipulated in the D.G.I. advices.
- . When the Lessee is required to "Surrender" lands from his/her Lease to enable road actions to proceed, these lands will need to be identified on the face of the plan. Action Statements ie. "Area to be Surrendered" with qualifying station numbers will need to be shown. Areas need not be calculated.
- . Regulation 29 plan to be drafted as necessary for the amended Lot.

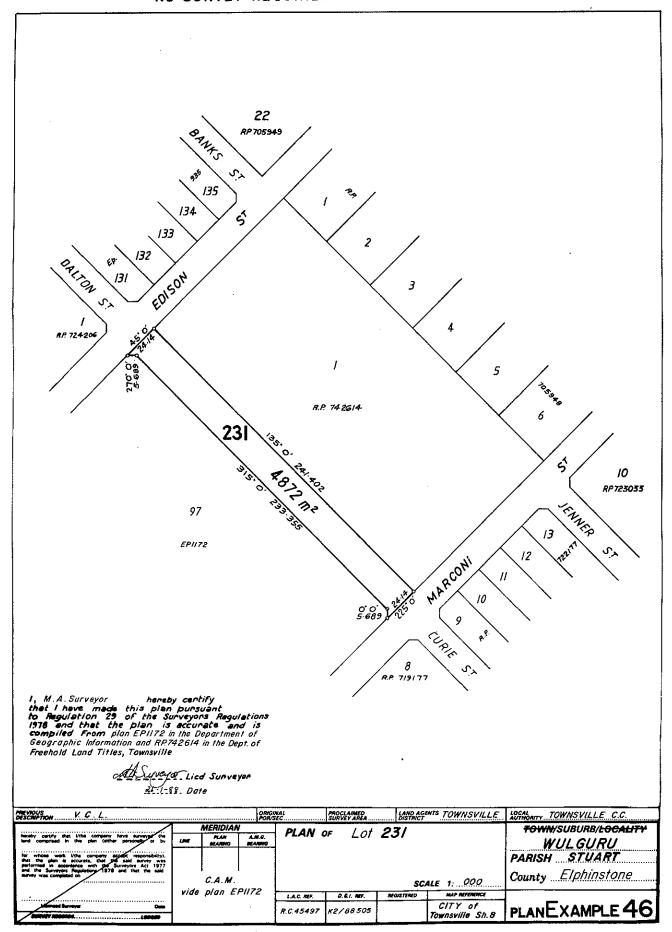
SEPARATE TENURE TO ISSUE



NOTE

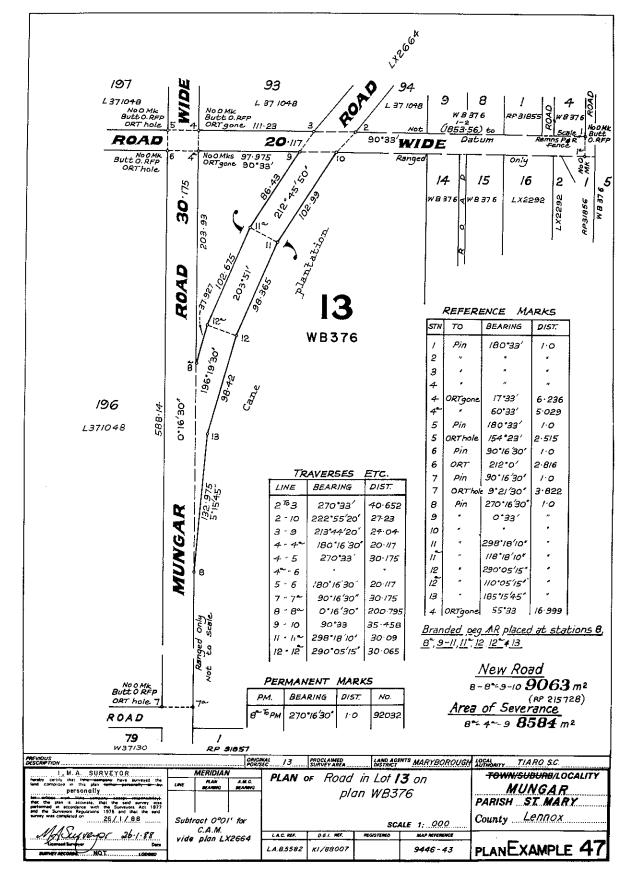
. If road has been previously closed by Government Gazette notification, an Action Statement for "Road to be Closed" is not required.

SEPARATE TENURE TO ISSUE NO SURVEY REQUIRED -- REG. 29 COMPILED PLAN



- . Action Statement is not necessary.
- . If road not previously closed by Government Gazette, an Action Statement "Road to be Closed" etc will be shown.

M.R.D. RESUMPTION IN FREEHOLD TENURE



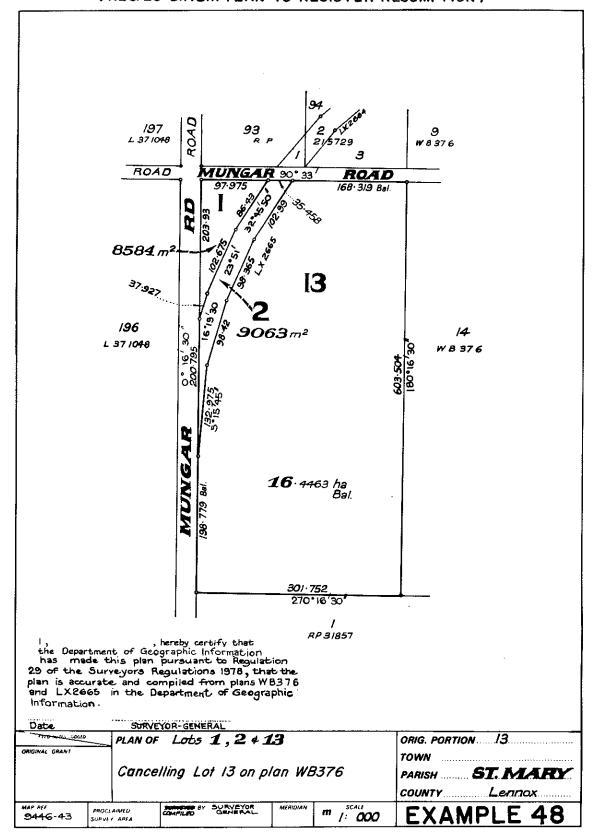
### NOTE

- . Plan is Titled "Road in Lot ... on plan ....."
- . Because a Government Gazette Notification has Vested the area in the Commissioner for Main Roads for road purposes, the Action Statement on face is worded "New Road" with qualifying station numbers & area.

In addition to local street and road names, the declared Main Road name should be shown eg. BRUCE HIGHWAY , TEWANTIN - NOOSA ROAD etc.

- . Plans of the balance of the affected Lots can be prepared provided prior knowledge is available from the Main Roads Dept. as to whether the D.G.I. or D.F.L.T. Reg.29 plans are required.
- . In this example, area of severence (8a-4a-9) is calculated and shown on plan to facilitate compilation of D.F.L.T. plan ( See Example 48 Page 114 ).

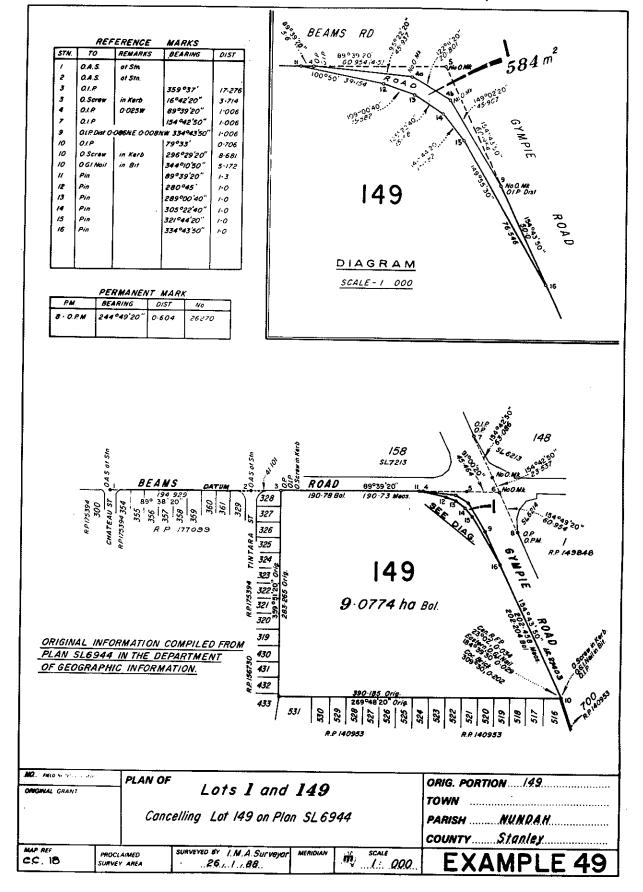
M.R.D. RESUMPTION IN FREEHOLD TENURE (REG. 29 D.F.L.T. PLAN TO REGISTER RESUMPTION)



- . This is a compiled Dept. of Freehold Land Titles plan necessary to register the Main Roads Department proclamation for an area of road (Lot 2 ..  $9063~\text{m}^2$ ) as shown surveyed on Example 47 Page 113.
- . In this particular case, the M.R.D. has requested separate Lots for severences created by the New Road.

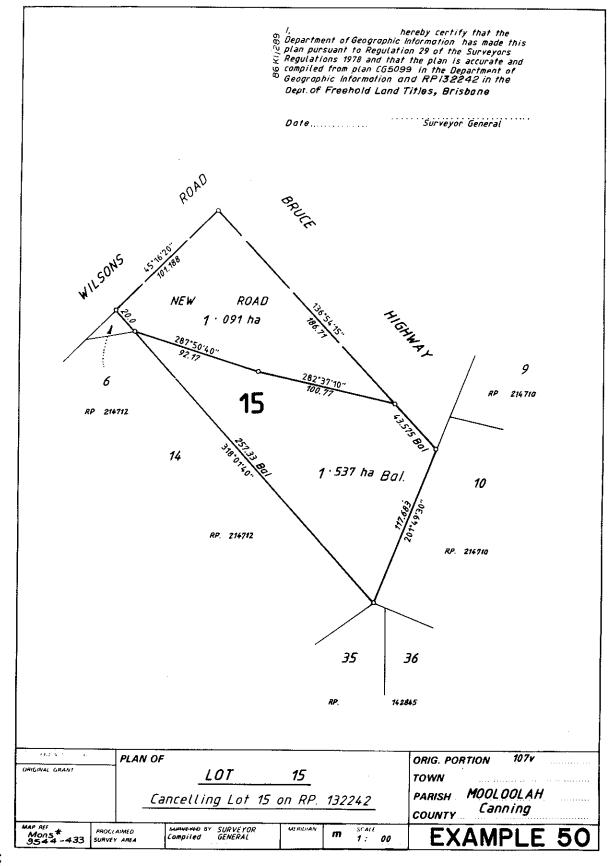
  If the request for separate Lots is not made, a vinculum is used & a three line area shown for the balance Lot.
- . Previous parcel identifier (Lot 13) is retained for the balance Lot.
- . Plans quoted in the Compilation Certificate are the New Road survey and the latest registered plan/s for the Metes and Bounds of the subject Lot over which the Title has issued.
- . Balance Areas are to adopted as normal practice.
- . A calculated area may be used if
  - . the balance area is inaccurate (significantly)
  - and . a close is obtained within acceptable limits
- . For additional information refer to D.G.I. Procedures No. K9/22-88/01.

M.R.D. RESUMPTION IN FREEHOLD TENURE (REG. 28 SURVEY TO REGISTER RESUMPTION)



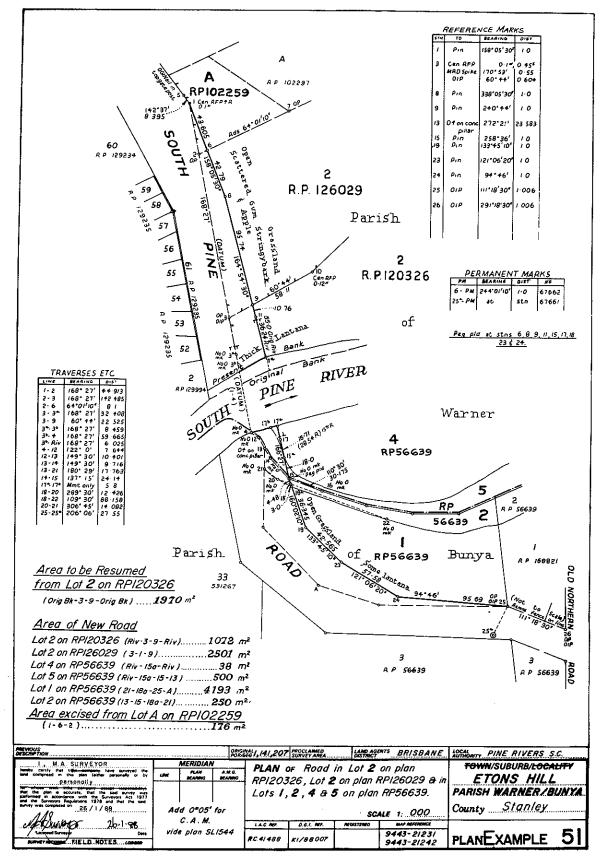
- . When the Main Roads Dept. has indicated an intention to obtain the necessary land for road resumption from Freehold Land by registering a proclamation in the D.F.L.T., a D.F.L.T. plan of survey may be prepared. (ie. No D.G.I. plan is required)
- . The balance parcel retains its previous numerical identifier as the new description for the amended Lot.
- . Balance areas are to be adopted as normal practice.
- . A calculated area may be used if
  - . the balance area is inaccurate (significantly)
  - and . a close is obtained within acceptable limits.

M.R.D. REQUIREMENTS IN CROWN & LOCAL AUTHORITY FREEHOLD



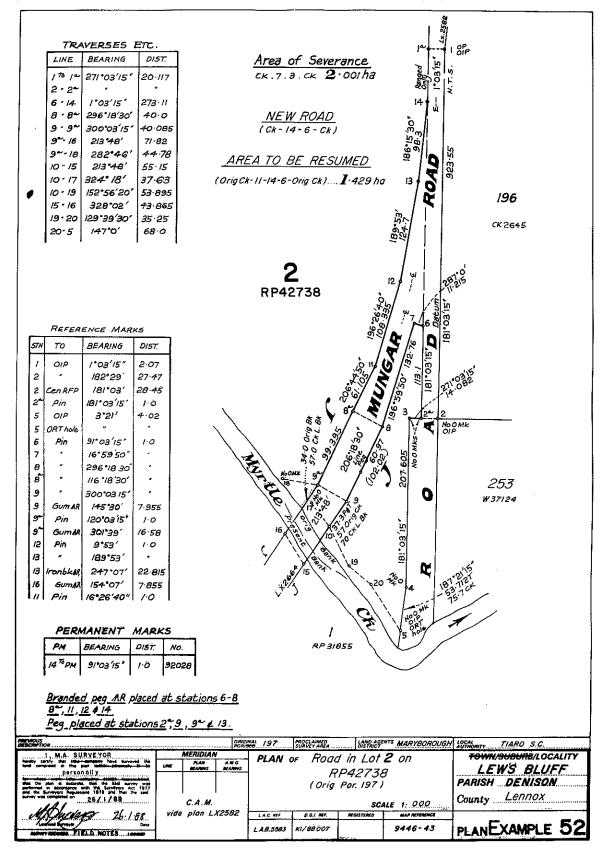
- . Main Roads Department requirements from Crown Leasehold are drafted as a D.F.L.T. plan of subdivision ie. the New Road area is designated as such on face & is NOT given a Lot number.
- . This procedure would then encompass cases of road in
  - (a) Crown Freehold (b) Commonwealth Freehold (c) Local Authority Freehold
- . Balance Area to be adopted as normal practice.
- . A calculated area may be used if
  - the balance area is inaccurate (significantly)
  - and . a close is obtained within acceptable limits.

M.R.D. RESUMPTION WHERE NOTICEABLE EROSION IN WATERCOURSE BOUNDARIES IS NOTED



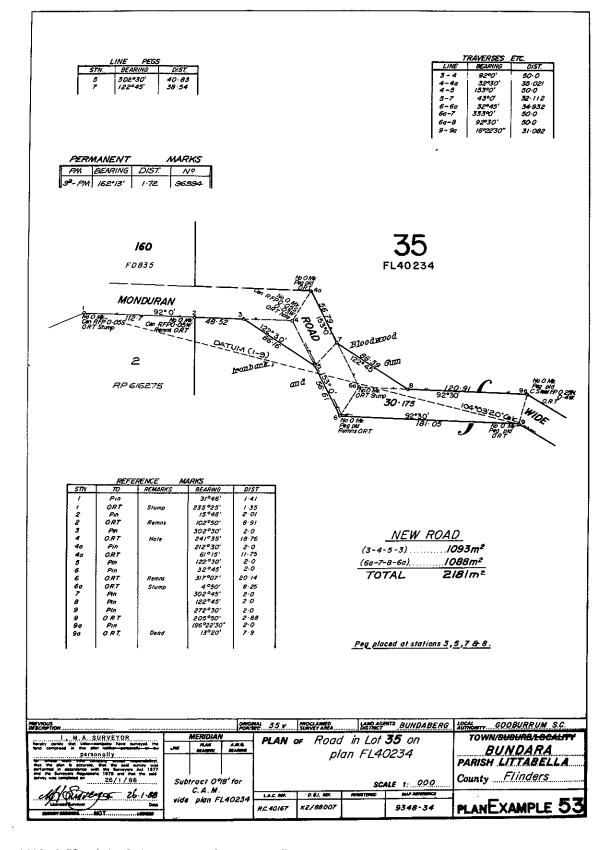
- . The special Action Statement necessary for this case.
- . The method depicting data on face of plan for location of "present" & "original" River banks.
- . An area for the New Road in the affected parcel (Lot 2 on RP120326) need not be shown.
- . Cases for accretion are treated in a similar manner. See Example 52 Page 118.
- . In addition to the local street and road names, the declared Main Road Name should be shown eg. BRUCE HIGHWAY , TEWANTIN NOOSA ROAD etc.
- . Plans of the balances of the affected Lots can be prepared provided prior knowledge is available from the MRD as to whether the DGI or DFTL Reg.29 compiled plans are required.

M.R.D. RESUMPTION WHERE NOTICEABLE ACCRETION IN WATERCOURSE BOUNDARIES IS NOTED



- . The special Action Statements necessary for this case.
- . The method of depicting data on face for location of "present" & "original" Creek banks.
- . Cases for Erosion are treated in a similar manner. See Example 51 Page 117.
- . Plans of the balances of the affected Lots can be prepared, provided prior knowledge from the MRD is available as to whether DGI or DFLT Reg.29 compiled plans are required.
- . In addition to local Street and Road names, the declared Main Roads name should also be shown ge. BRUCE HIGHWAY , TEWANTIN NOOSA ROAD etc.
- . An area need not be shown in the "New Road" Statement.

### M.R.D. RESUMPTION IN CROWN LEASEHOLD TENURE



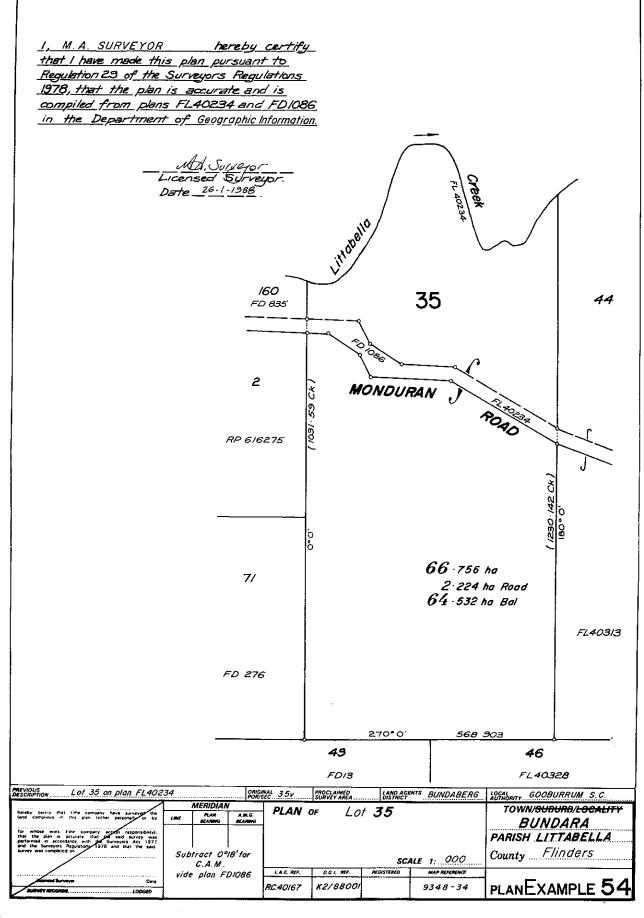
### NOTE

- . Plan titled "Road in Lot ... on plan ....."
- . If survey is at the instance of the Local Authority, Action Statement should be "ROAD TO BE OPENED" with qualifying station numbers and Area/s.
- . See also consequent plan .. Example 54 Page 120.

For plans of Area to be Surrendered from Miners Homesteads ....

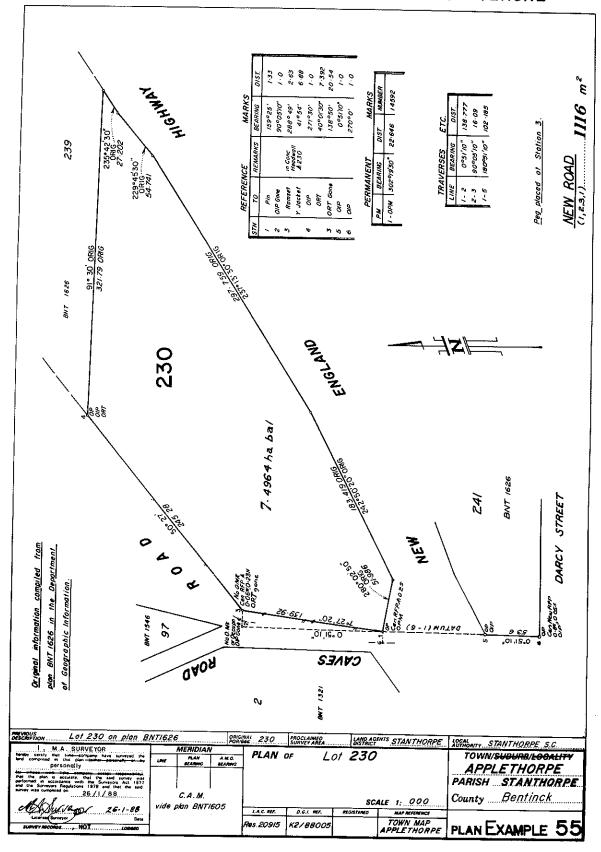
- . Wording of Action Statement will be eg. "Area to be surrendered from MHL3168 for Road Purposes" with qualifying station numbers and Area. (If Lease not converted to Lot on Plan)
- . If previous plan uses MHL/MHPL Number as identifier, new Lot number should be given for the balance of the affected MHL/ MHPL.
- . "Mining District" to be substituted for "Land Agent's District".
- . Mining Field whether current or abolished must be shown. If Field abolished prefix name with "EX".

REG.29 COMPILED PLAN OF BALANCE OF CROWN TENURE



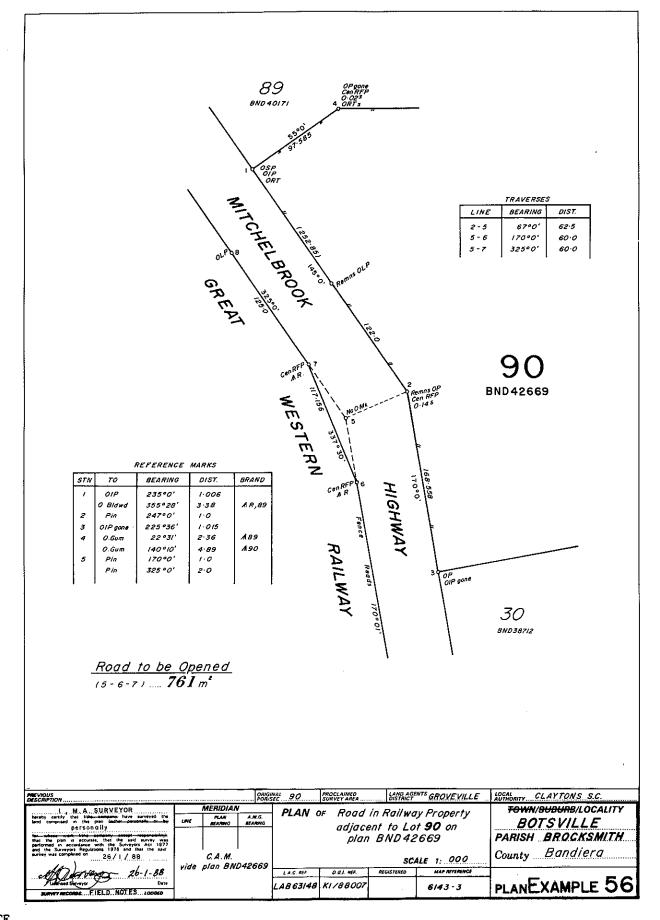
- . This is a Regulation 29 Compiled Plan of the balance of Lot 35 as amended following the survey of road to be opened on previous plan ie. Example 53 Page 119.
- . Plan numbers for the metes and bounds of the internal road/s are shown where appropriate.
- . Parcel retains its previous numerical identifier as the new description for the amended Lot.
- . See also notes with Examples 12 & 13 Pages 78 & 79.

M.R.D. RESUMPTION IN CROWN LEASEHOLD TENURE



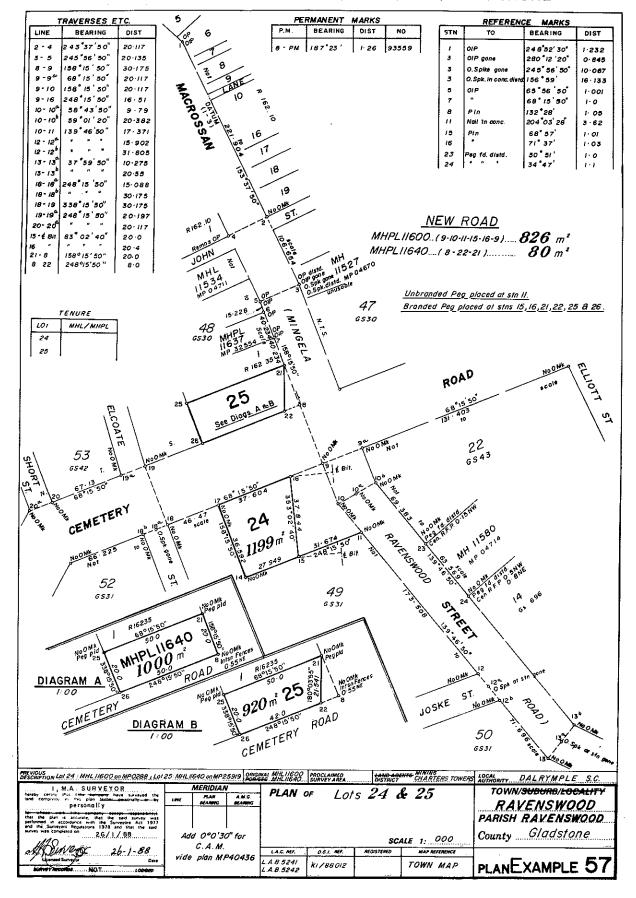
- . Where scale of plan will accommodate both the Survey Action and the Balance of the Leasehold Land, it is advantageous to combine both Actions on the one plan provided clarity of the plan can be retained upon reproduction at a reduced scale.
- . However, to combine both Actions, the metes and bounds of the balance Lot must be in a surveyed state. If this is not the case, a separate Reg.29 compiled plan must be drawn for the balance Lot.
- . If survey is at the instance of the Local Authority, Action Statement should be "ROAD TO BE OPENED" with qualifying station numbers and area/s.
- . Parcel retains its previous numerical identifier as the new description for the amended Lot.

M.R.D. REQUIREMENTS IN UNDESCRIBED RAILWAY



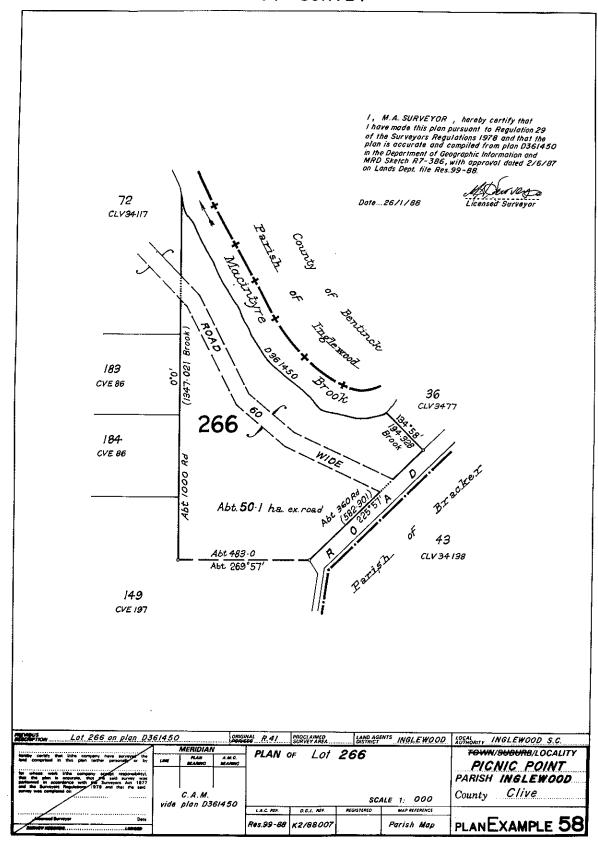
- . Title of plan includes reference to an adjoining "Lot on Plan" to help locate the survey, and facilitate the enrolment of the survey in the DGI Register of Plans.
- . Action Statement for this type of Survey is "Road to be Opened" NOT "New Road". Area need not be shown.
- . A plan of the amended Railway area is not required in this instance.

### M.R.D. RESUMPTION IN MINING RESIDENTIAL TENURE



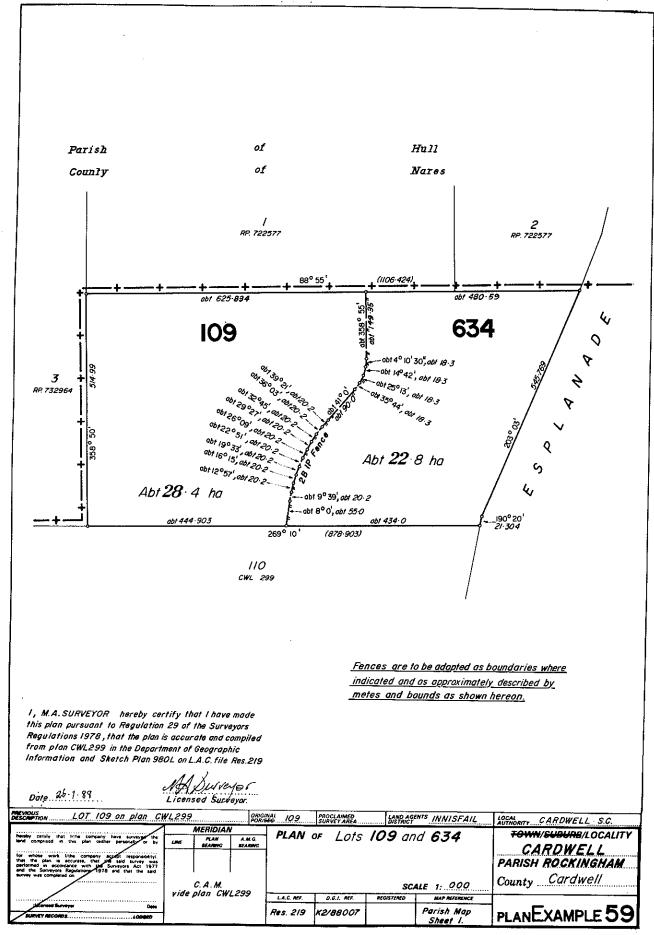
- . Wording of Action Statement and description of Lands involved.
- . Balance Area of Miners Homestead to be shown on face of plan.
- On this Example, Lot 25 (former MHPL11640) has not been previously surveyed. Note the additional Diagrams A and B are required in this instance.
- . If previous plan uses MHL/MHPL Number as identifier, a new Lot number should be given.
- . "Mining District" to be substituted for "Land Agent's District".
- . Mining Field whether current or abolished must be shown. If Field abolished prefix name with "EX".

WITHOUT SURVEY



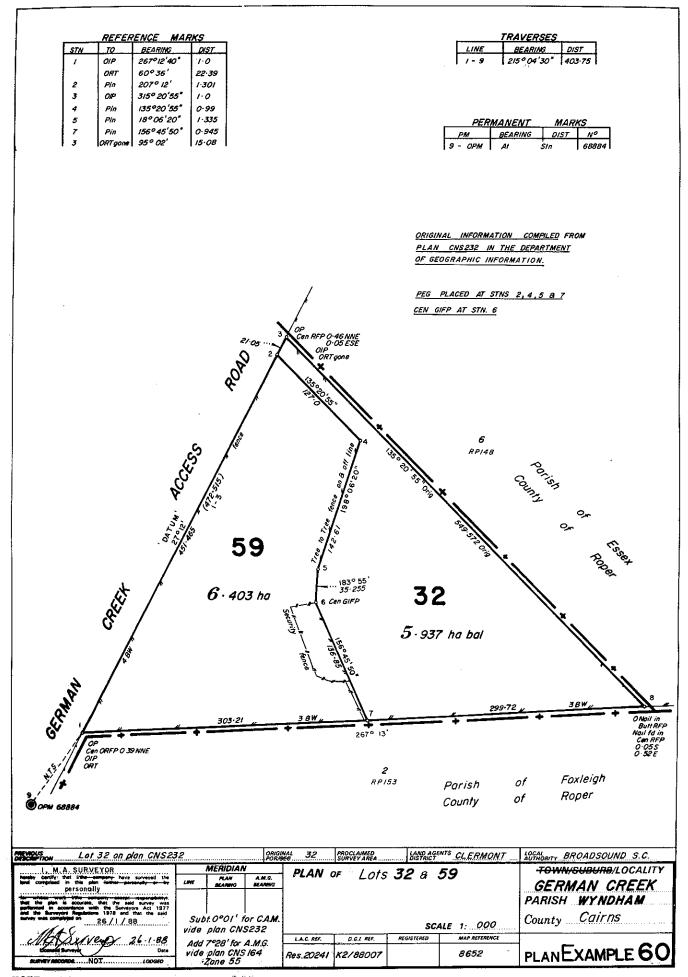
- . In most cases the road has been previously opened and dedicated by Government Gazette Notification and is usually located in land parcels of an unsurveyed state. No Action Statement is required to be shown.
- . The "Action" for this plan is to amend Lot 266 to exclude the newly opened road.
- . The new unsurveyed road to be shown by broken lines.
- . Road width must be shown and Road Name if applicable.
- . Dimensions locating the new road on the subject Lot must be shown.
- . The parcel retains its previous numerical identifier (Lot 266).
- . See also notes with Example 13 Page 79.

# SUBDIVISION OF CROWN LEASEHOLD



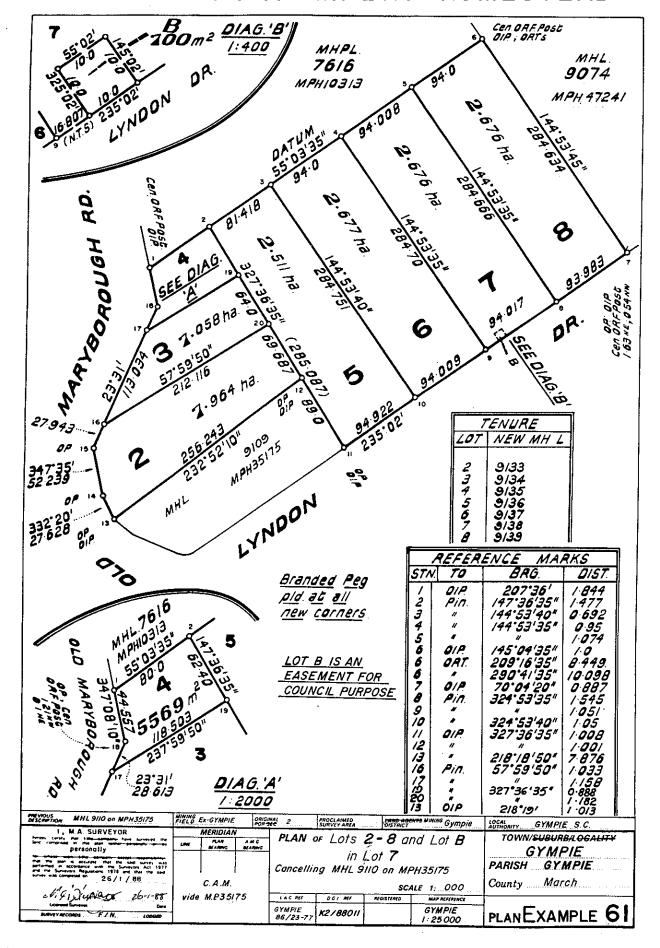
- . When Crown Land is to be sudivided with new Leases to issue, Action Statements are not necessary.
- Parcel (109) retains its previous numerical identifier as the new description for the amended Balance Lot.
- . The statement re : "Fences to be adopted as boundaries" etc.
- . See also notes with Example 13 Page 79.

# SUBDIVISION OF CROWN LEASEHOLD



- . When Crown Land is to be subdivided with new Leases to issue, Action Statements are not necessary.
- . Parcel (32) retains its previous numerical identifier as the new description for the amended Lot.

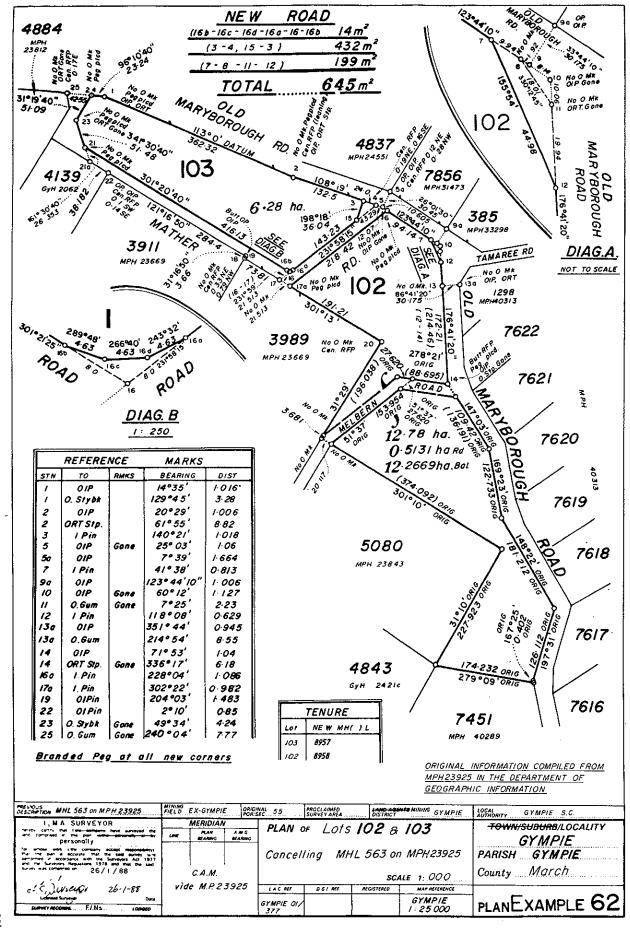
### SUBDIVISION OF MINERS HOMESTEAD



### OTE

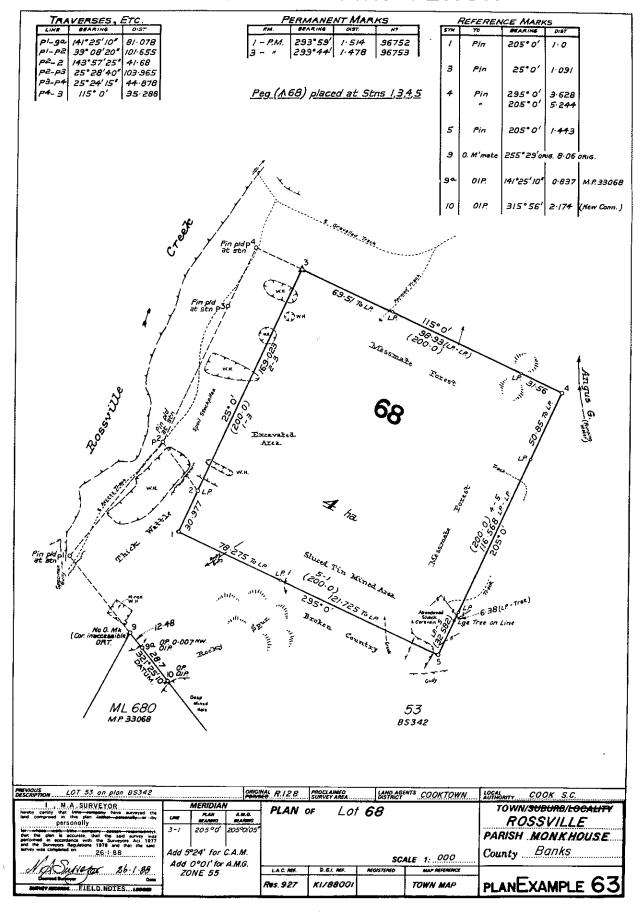
- . When Miners Homestead is to subdivided with new Leases to issue, Action Statements are not necessary.
- . Tenure Table to be shown and partly completed. District Surveyor inserts new MHL/MHPL Numbers after such numbers are allocated by the Warden.
- . "Mining District" to be substituted for "Land Agent's District".
- . Mining Field whether current or abolished must be shown. If Field abolished prefix name with "EX".

### SUBDIVISION OF MINERS HOMESTEAD



- . Wording of Action Statement and full description of land required when parts are to be appropriated or set apart for public use.
- . Tenure Table to be shown and partly completed. District Surveyor inserts new MHL/MHPL Numbers after such numbers are allocated by the Warden.
- . "Mining District" to be substituted for "Land Agent's District".
- . Mining Field whether current or abolished must be shown. If Field abolished prefix name with "EX".

### SURVEY OF CROWN TENURE



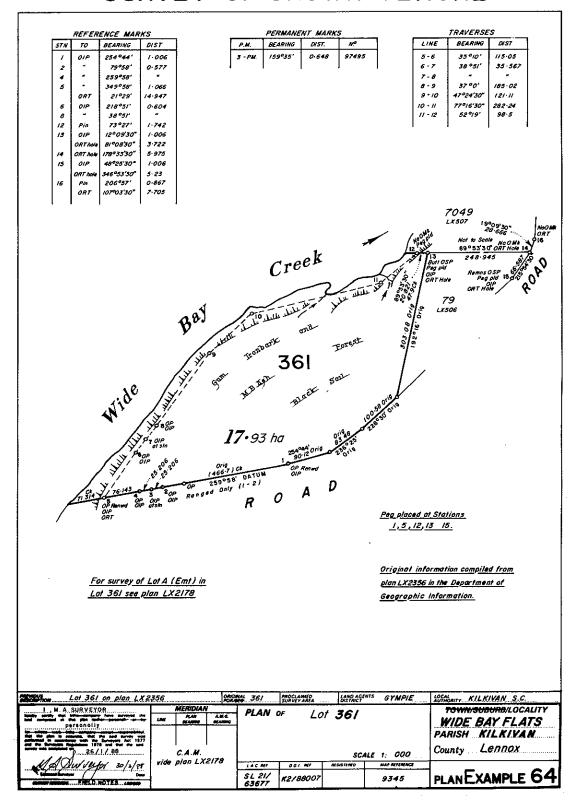
### NOTE

- . This is an originating Survey to establish Lot 68. Either Leasehold or Freehold Tenure could issue.
- . Natural features , Description of Country etc. that are shown.

### For plans of Miners Homesteads...

- . Tenure Table must be completed.
- . "Mining District" to be substituted for "Land Agent's District".
- . Mining Field whether current or abolished must be shown.
- . For Freeholding of M.H.'s See Example 64 Page 130.

### SURVEY OF CROWN TENURE



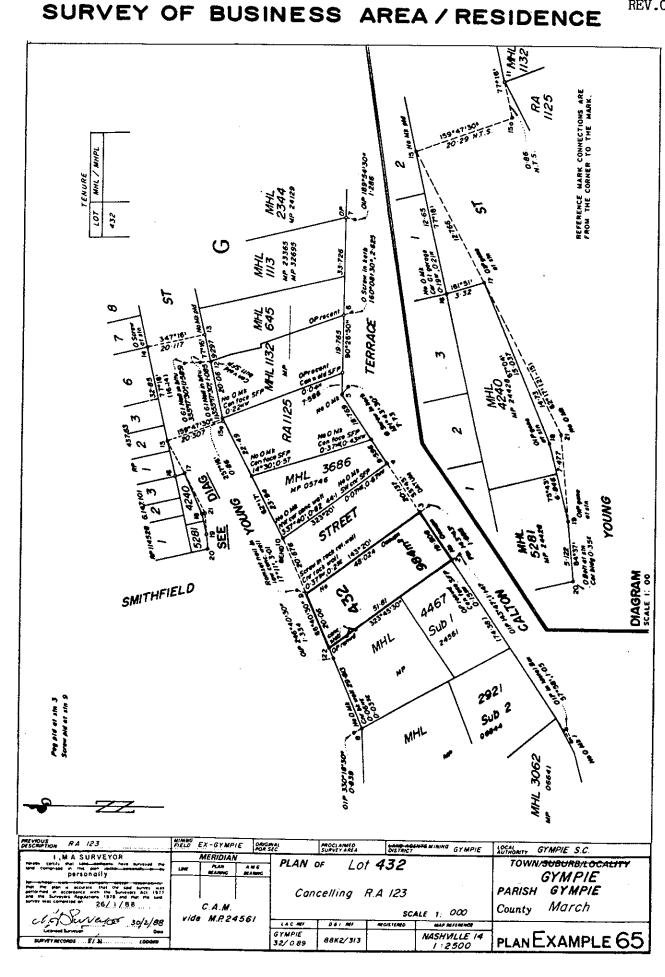
### NOTE

- . This is a survey of an existing Crown Lease previously issued on design with approximate metes & bounds on a D.G.I. Regulation 29 Compiled Plan.
- . Survey usually initiated to enable Crown Lease to be converted to Freehold Tenure.
- . Parcel retains its previous numerical identifier as the new description for the Lot.
- . Endorsement as to existance of Easements to be made on face of Plan.

For plan of Miners Homesteads for conversion to Freehold or M.T.F.L.

- . Survey initiated to enable Miners Homestead, Business Area or Residence Area to be converted to Freehold.
- For MTFL's Tenure Table is partly completed. MTFL No. will be inserted by District Surveyor when Lease No. is allocated.
- . If previous plan uses MHL/MHPL/BA/R.A No. as identifier, new Lot number should be given.
- . If conversion is direct to Deed of Grant, no Tenure Table is shown.
- . See Example 65 Page 131 for conversion to Mining Titles Freeholding Lease.
- . "Mining District" to be substituted for "Land Agent's District".
- . Mining Field whether current or abolished must be shown. If Field abolished prefix name with "EX".
- . Where area is to be surrendered for road purposes prior to conversion of Freehold, an Action Statement "Area of New Road" with qualifying station numbers and area is to be shown on the face of the plan.
- . Title of plan is to include Cancellation Statement.

### REV.O



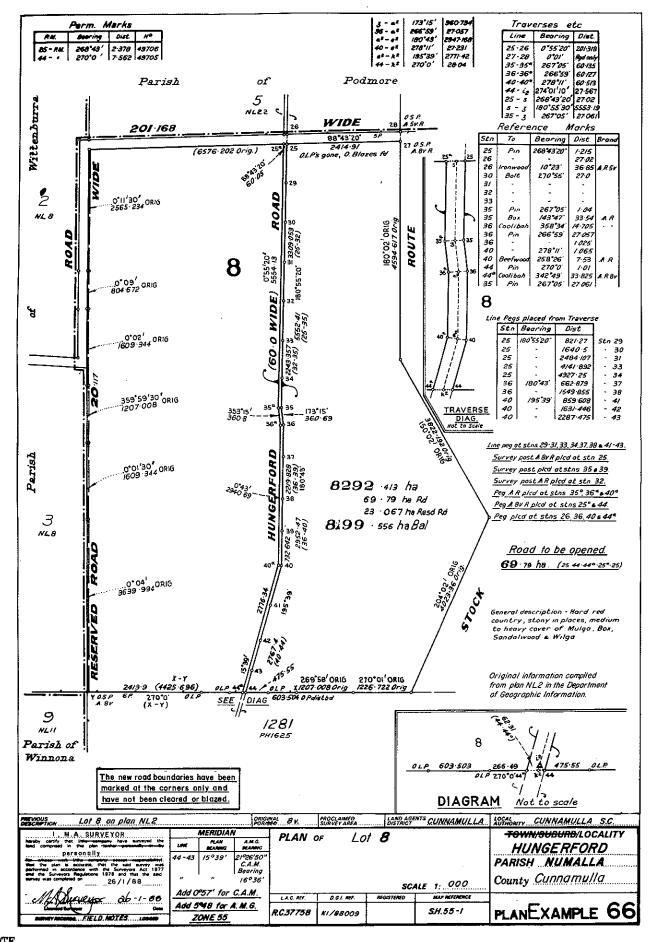
### NOTE

. "Mining District" to be substituted for "Land Agent's District".

Survey was not required for issue of Certificate of Registration of Business Area or Residence Area. Majority of such tenures are not surveyed. Survey only required for conversion to a Freehold or MTFL. If survey required only to determine boundaries, Lot number should be given. For MTFL's Tenure Table is to be partly completed. MTFL No. will be inserted by District Surveyor when allocated.

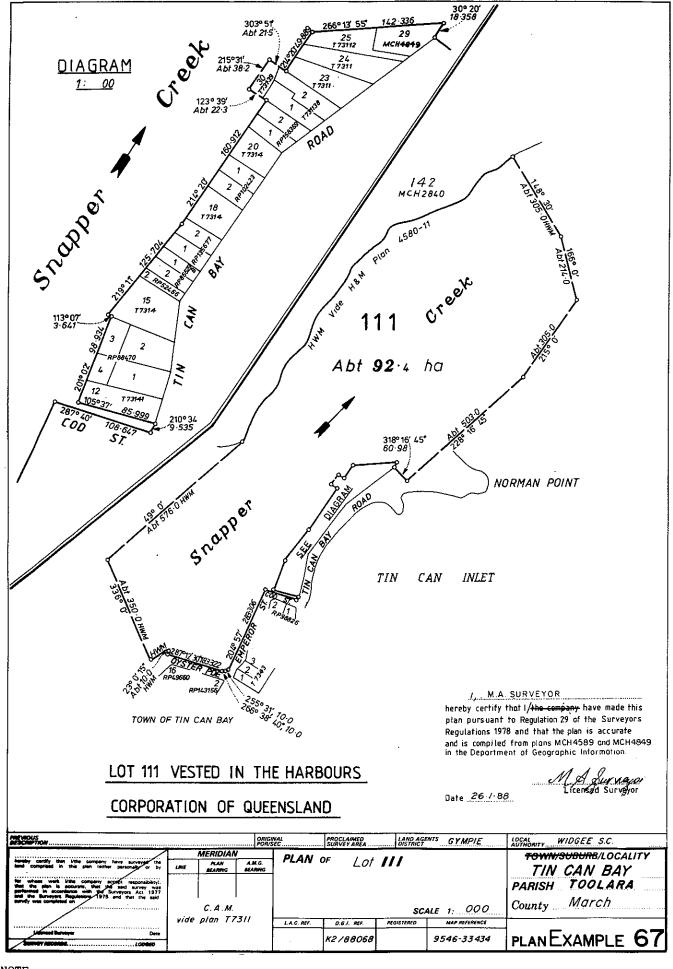
<sup>.</sup> Mining Field whether current or abolished must be shown. If Field abolished prefix name with "EX".

### UNMARKED LINES AND CORNERS



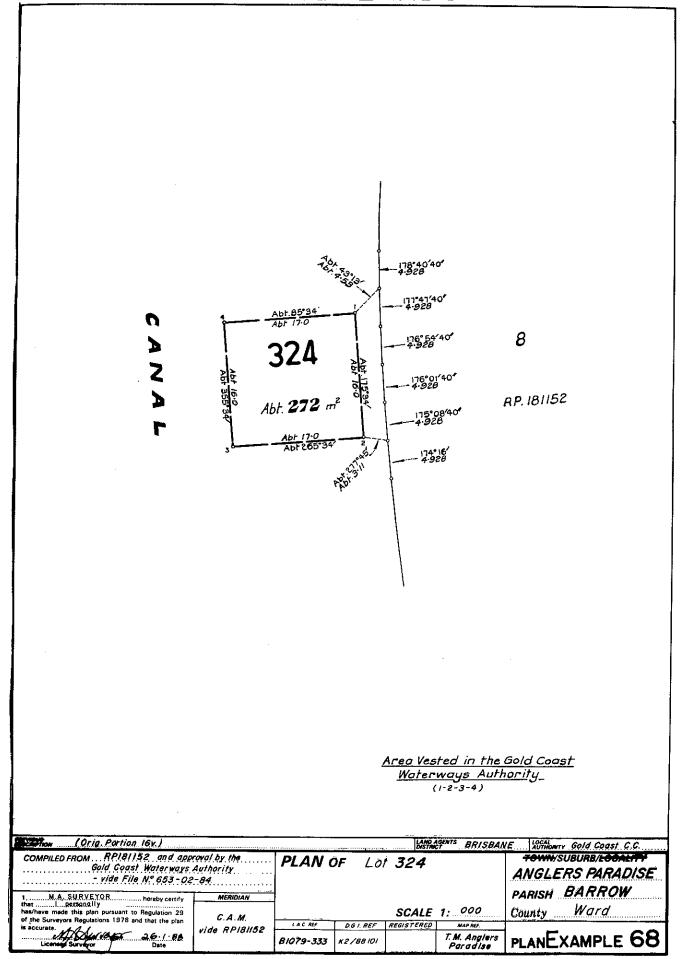
- . Refer to Regulation 28(1)(a) and Directions 2 and 3 of the Directions to Surveyors 1978.
- . In this Example, Road boundaries are projected lines derived from a surveyed traverse.
- . Lines have not been cleared or blazed, however corners have been marked.
- . The bordered statement prominently shown indictating the status of the new survey work.

# VESTED LANDS



- . Show statement at bottom of plan indicating the Authority in which the land is to be Vested.
- . High Water Mark should only be shown for these cases if agreed to by Harbours & Marine Dept.

# VESTED LANDS



- . Show statement at bottom of plan indicating the Authority in which the land is to be Vested.
- . High Water Mark should only be shown for these cases if agreed to by Harbours & Marine Dept.

# REQUIREMENTS OF THE DEPARTMENT OF MINES

Department of Mines, G.P.O. Box 194, BRISBANE. Q. 4001 Ph (07) 224 2179

A plan of survey of a Mining Lease may be lodged subject to the Surveyor complying with Regulation 22 of the Mining Regulations 1979 and relevant sections of the Mining Act 1968-1986.

If doubt exists, the Chief Surveyor Department of Mines should be contacted.

Department of Freehold Land Titles

# 3. DEPARTMENT OF MINES INDEX

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CLAIMS AND AREAS COAL MINING LEASE - See MINING LEASE COMPILED PLANS	140 143 140
DATUM POST - See MINING LEASE 3.9.4 - See COMPILED PLANS 3.5.5 DEPTH RESTRICTIONS - See MINING LEASE 3.9.5	144 141 145
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# 3.1 AREAS

Areas are computed in accordance with General Requirements 1.8 - Page 19.

Should a "three line" area be involved, the exclusion may be shown by statement and providing all bearings and dimensions are shown - or may be inferred by a reference to a previous plan, the Nett area only is shown on the plan.

See also 'ROADS IN MINING LEASES' 3.15 - Page 148

Where more than one previous plan is involved, to avoid ambiguity in Datum and dimensional differences, the subject plan should be fully dimensioned.

# 3.2 AUTHORITY TO PROSPECT

3.2.1 On plans showing a point, line or area of an A to P, the sub-block corners of which are described by geographic co-ordinates, the datum of the co-ordinates should be stated on the face of the plan as follows -

e.g.

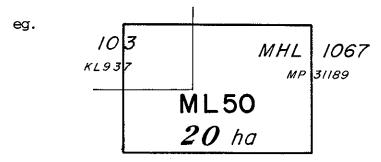
### Geographic Co-ordinates on

### Australian Geodetic Datum

- 3.2.2 All bearings should be referred to the True Meridian.
- 3.2.3 When bearings are given, both forward and reverse azimuths must be shown where applicable.
- 3.2.4 If geodetic points are not available in the district at the time of survey, and an A to P corner is determined by astronomical observations, a certificate signed by the holder and all adjoining A to P holders, agreeing to accept the boundaries as located, must appear on the plan.
- 3.2.5 Plans of A to P surveys should show connections to cadastral boundaries and comparison of meridians where practicable. Where observations are taken, a meridian table should be shown, vide 'MERIDIAN' 1.42 Page 44

# 3.3 BACKGROUND TENURES

3.3.1 Where a Mining Tenement covers lands held under other tenures, all boundaries and descriptions of those lands are to be shown on the plan. The boundaries of the subject block are to be distinguished by heavier lines. Show underlying descriptions in light block as follows:



3.3.2 When surface rights exist severences and connections are required.

# 3.4 CLAIMS AND AREAS

Claims and Areas as defined by the Mining Act are registered by the Mining Warden and generally are not surveyed. Where surveyed, show as for Mining Lease requirements.

# 3.5 COMPILED PLANS (Plans without Field Survey)

- 3.5.1 Prior approval of the Chief Surveyor must be obtained for all compiled plans.
- 3.5.2 Information may be compiled from examined MTNES DEPT., DGI and DEPARTMENT OF FREEHOLD LAND TITLES plans only. Dimensions are not qualified by the word "Orig." Station Nos. or letters are shown only when required to describe specific actions (ie. Additions etc.)
- 3.5.3 If a compiled surround closes within the allowable limits of error, a calculated area should be used. If not, a compiled area is to be used and labeled where applicable "Bal".

Contd....

# 3.5 COMPILED PLANS Contd

# 3.5.4 COMPILED PLANS INVOLVING MHPL'S & EXISTING ML'S

Compiled plans involving MHPL's and actions on existing ML's must bear the following statement :-  $\,$ 

eg. Copied and compiled from...(Plan No/s...).
in the \*Mines Department, Brisbane.

\*Substitute or add "Department of Geographic Information" or "Department of Freehold Land Titles" where applicable.

### 3.5.5 COMPILED PLANS INVOLVING NEW ML's

- 3.5.5.1 Compiled plans involving new ML's must bear the following certificate:
  - eg. I certify that this plan has been correctly copied and compiled from (Plan No/s.....) in the \*Mines Department, Brisbane, and that the Datum Post was found by inspection to agree with the Lease Application as shown hereon.

Licensed Surveyor

- \*Substitute or add "Department of Geographic Information" or "Department of Freehold Land Titles" where applicable.
- 3.5.5.2 Compiled plans of ML's must show "Datum Post" on the face of the plan, with a connection from the appropriate lease corner tabulated as per the reference shown on the application. An accurately measured connection is not required.
- 3.5.6 A combined Surveyor's certificate (Form 13, Part B) and compilation statement may be included on the face of the plan.

See also 'CERTIFICATES' 1.14.5 - Page 24

- 3.5.7 For private compiled plans the "SURVEYED BY" box should be amended to "COMPILED BY".
- 3.5.8 Plans compiled by the Department of Mines should be labeled "OFFICE COMPILATION" in the "SURVEYED BY" BOX.
- 3.5.9 The title of the plan is the same as if it were a survey.

### 3.6 FIELD NOTES

Complete statement on plan form as follows:

eg.	(a)	NOFIELD NOTES LODGED

eg. (b) .....FIELD NOTES LODGED...26.1.88...

NOTE: The Mining Act requires that Field Notes be lodged for all plans.

# 3.7 IDENTIFICATION SURVEY

3.7.1 Plan requirements for boundary identification surveys of all or part of any existing mining tenement are the same as the plan requirements for a survey of that tenement: except that the plan title should be headed:-

eg. IDENTIFICATION SURVEY OF

3.7.2 Identification Surveys to be drawn on MINES DEPT. plan forms.

# 3.8 LAPSED BOUNDARIES

3.8.1 Lapsed boundaries are previously cancelled boundaries or boundaries of dead leases.

They are generally only shown when used for survey reinstatement. Measured bearings and distances are shown on face of plan. Former description of the expired lease when required is shown in dotted hairline.

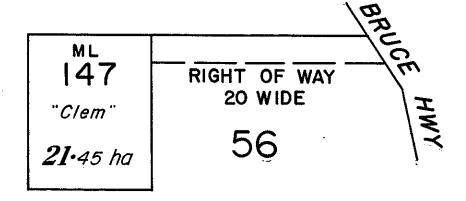
See also 'LINEWORK' 1.38.5 - Page 43

# 3.9 MINING LEASE

### 3.9.1 **NEW MINING LEASE**

- 3.9.1.1 A plan of a new Mining Lease must show the external boundaries of the Lease, the area held under Surface Rights, any background tenures, and the Right-of-Way to the Lease when applicable.
- 3.9.1.2 When Surface Rights exist, severence and connections to the background tenures are required.

eq. SURFACE AREA :- WHOLE



Title: ML 147 AND RIGHT OF WAY

3.9.1.3 For details regarding Surface Area see 3.9.2 below.

See also 'BACKGROUND TENURES' 3.3 - Page 140.

3.9.1.4 For details regarding Access see 'RIGHT OF ACCESS' 3.13 - Page 147 'RIGHT OF WAY' 3.14 - Page 148.

### 3.9.2 SURFACE AREAS

3.9.2.1 The Surface Area (whether whole, part, or nil) is shown on the plan by statement.

eg. SURFACE AREA - WHOLE

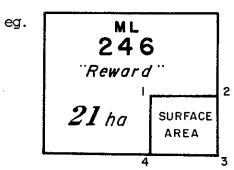
or SURFACE AREA - 25.75 ha (Stn N.s to be used)

or SURFACE AREA - NIL

3.9.2.2 When more than one Surface Area is contained within the one Lease, describe as Surface Area No. 1 etc. A calculated area is shown for each and the areas of the total surface by statement as shown above.

# 3.9 MINING LEASE Contd

3.9.2.3 Shown on plan as follows :-

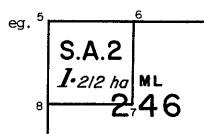


<u>SURFACE AREA</u> : **4**·712 ha (1-2-3-4)

Title: *ML* **246** 

3.9.2.4 Surface Area is referred to in title when the plan is of the Surface Area only. When the Surface Areas are not contiguous, number new areas consecutively.

See Also 3.9.2.5



A statement should be shown on the latest plan.

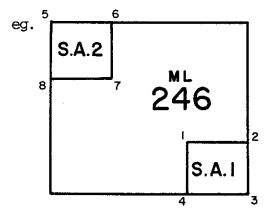
SURFACE AREA 4.712 ha (MP12345)

SURFACE AREA 2 1.212 ha

TOTAL SURFACE AREA 5.924 ha

Title ...... SURFACE AREA Nº 2 OF ML 246

3.9.2.5 It is desirable that a compiled plan be drawn to show the Surface Area actions progressively.



Title:

SURFACE AREAS Nºs 1 & 2 OF ML 246

### 3.9.3 APPLICATION POSTS

Show Connections to Applications Posts and the markings thereon, either on the face of the plan or tabulate.

### 3.9.4 DATUM POST

All plans of Mining Leases, surveyed or compiled, must describe the position of the applicant's Datum Post and the marking thereon either on the face of the plan or tabulate.

See also 'COMPILED PLANS' 3.5.5.2 - Page 141.

Contd....

# 3.9 MINING LEASE Contd

### 3.9.5 **DEPTH RESTRICTIONS**

On plans of Mining Leases which are restricted in depth, the plan should be endorsed with a suitable statement.

eg. M.L. 697 exists only below the depth of 15.24 m beneath the surface except for lot 83 where it exists on and beneath the surface.

### 3.9.6 NAME OF LEASE

The name of the Mining Lease is shown within the subject block as illustrated by diagrams in 3.9.1.2 and 3.9.2.3 above.

### 3.9.7 SURRENDER FROM MINING LEASE

The plan is drawn as if the action were completed (original dimensions and cancelled boundaries if required).

Each Severence Area being surrendered from the Lease and Surface Area, as well as the Total Area being surrendered are to be shown on the plan.

For Balance Areas see 'UNDESCRIBED BALANCE' 3.18 - Page 154.

ML 27
"Ju lie"
S.A.
15 • 72 ha

AREA TO BE SURRENDERED FROM SURFACE AREA OF ML 27

(5-8-9-10) ..... **1**.674 ha

AREA TO BE SURRENDERED FROM ML27

(6-7-9-10) ..... 5 · 023 ha

Title : *ML* 27

SURFACE AREA : 10 .72 ha

# 3.9.8 RESUMPTION FROM SURFACE AREA OF MINING LEASE

Treat in a similar manner to Surrenders - stating purpose.

On face eg. AREA TO BE RESUMED FROM ML50..(Stm N°s)..2.745 ha
Title eg. ML 50

The statement must clearly show whether the resumption is from the Lease (Surface and Underground) or from the Surface Area Only.

Contd.....

# 3.9 MINING LEASE Contd

### 3.9.9 MINING LEASE ENCROACHING ON MHPL

The severence areas of any prior MHPL (but not MHL) covered by the ML are to be stated on the plan, for rent reduction purposes, and shown as follows:-

eg. Area of ML in MHPL....(Stn Nºs)..... 2.345 ha

### 3.9.10 MINING LEASE LOCATION SURVEYS

Specifications for plans of Datum Post Location Surveys are available from the Chief Surveyor on request.

3.9.11 Any Mine workings, structures or improvements on or adjacent to boundaries must be noted in the field book and shown on the plan.

Care should also be taken to comply with further Mines Department Instructions.

See also 'ROADS IN MINING LEASES' 3.15 - Page 148.

# 3.10 PETROLEUM PERMITS, LEASES AND LICENSES

Whether for the purposes of the Petroleum Act 1923-1982, or the Petroleum (Submerged Lands) Act 1967-1975, it is necessary to determine the position on the surface of the earth of a point, line or area. Such a position shall be determined by reference to the Australian Geodetic Datum, and any plan depicting such position should be endorsed:

eg. Australian Geodetic Datum 1984

Where bearings are given, both forward and reverse azimuths must be shown where applicable.

# 3.11 PETROLEUM WELL LOCATION SURVEYS

Plan requirements for Well Location Surveys as required under Regulation 117 of the Petroleum Regulations (Land) 1966 will be made available upon request, from the Chief Surveyor.

# 3.12 PLAN FORMS

- 3.12.1 Except under special circumstances approved by the Chief Surveyor, surveys of all Mining Tenements are to be drawn on Mines Department plan forms.
- 3.12.2 New surveys of two or more tenements may not be drawn on the plan form unless each parcel is physically connected to the other by survey.
- 3.12.3 Plan forms are available in two (2) sizes and are obtainable from the Chief Surveyor.
- 3.12.4 A number of sheets may be lodged for the one base.

# 3.13 RIGHT OF ACCESS

- 3.13.1 A Right of Access is over Crown Land for a Mining Tenement on Crown Land, applied for up to 1st August 1982.
- 3.13.2 Normally not surveyed (only when instructed by the Warden or Director General).
- 3.13.3 Treat generally as for an Easement Survey. Show width of Right of Access and secants. No area is required.
- 3.13.4 If only one side is run show the surveyed boundary by a full line and the opposite side in a broken line.
- 3.13.5 Shown on plan as follows :-
  - (a) On face eg. RIGHT OF ACCESS 20 WIDE
  - (b) Title (as the case dictates).
  - $_{
    m eg}$ . ML 53 and RIGHT OF ACCESS
  - or ML's 52,53 and RIGHT OF ACCESS (ML53)
  - or RIGHT OF ACCESS (ML 53)

See also 'RIGHT OF WAY' 3.14 - Page 148.

# 3.14 RIGHT OF WAY

- 3.14.1 A Right of Way shows access to a Mining Tenement on Private Land, and after 1st August 1982 to a Mining Tenement applied for on Crown Land.
- 3.14.2 Treat generally as for an Easement Survey.

  Show width of Right of Way and secants. No Area is required.
- 3.14.3 If only one side has been run show the surveyed boundary in a full line and the opposite side in a broken line.
- 3.14.4 show on plan as follows :-
  - (a) on face eg. RIGHT OF WAY
    IO WIDE
  - (b) on title (as the case dictates).

or ML's 70,72 and RIGHT OF WAY (ML72)

or RIGHT OF WAY (ML 71)

# 3.15 ROADS IN MINING LEASES

- 3.15.1 There are four methods of showing areas of Dedicated Roads and/or other exclusions or reservations through ML's on a plan, depending upon the form of the ML Application.
- 3.15.1.1 The road may be included in the ML if an application to disturb the road surface is approved by the Governor in Council (the most common case).

eg. *120:5* ha

The road boundaries are shown in light lines.

3.15.1.2 The road may be excluded from the ML in the terms of the lease.

eg.

120·5 ha

 $2\cdot 746\ ha\ Rd$  (Show by statement with Stn N°s)  $II7\cdot 8\ ha$  (Only Area shown on face of plan)

The road boundaries are shown in heavy lines.

Join the severances with a vinculum.

Contd.....

### ROADS IN MINING LEASES Contd 3.15

3.15.1.3 The road may be excluded only from the Surface Area of the ML in the terms of the lease. eg.

WITHIN LEASE ON FACE

BY STATEMENT

120·5 ha

SURFACE AREA: 70.7 ha

2.746 ha Rd

68.04 ha

The road boundaries are shown in medium lines. The surface area is shown by statement.

3.15.1.4 Where no surface area is required for the ML the area of the road is not shown, only the area of the ML.

eg.

**120**·5 ha

The road boundaries are shown in light lines. See also 'AREAS' 3.1 - Page 139

3.15.2 In all cases the surveyed road boundaries should be plotted on the plan. Full dimensions of the road are required in cases 3.15.1.2 and 3.15.1.3 above.

### STATUTORY MINE WORKING PLANS 3.16

- Drawing requirements for Statutory Mine Working Plans will be made available from the Chief Surveyor on request.
- 3.16.2 Plans must be drawn on official Mines Department Statutory Mine Working Plan sheets, obtainable from the Chief Surveyor.

#### TITLE 3.17

3.17.1 Should be shown on plan as follows :-

> (a) PLAN OF ..... MHPL 1275 For further details refer to respective tenure.

(b) PARISH ..... **GYMPIE** 

(c) COUNTY ..... March

(d) MINING DISTRICT .... Mareeba

(e) LOCALITY ..... Quamby

(f) MINING FIELD ..... Anakie

See also `STYLES' - Page 50 and `SPECIMEN PLAN' - Page 151.

# 3.18 UNDESCRIBED BALANCE

In the case of an excision from a Surface Area or Mining Lease the Balance must be shown on the plan where possible. The Balance may be left as an Undescribed Balance and omitted from the plan only with the prior approval of the Chief Surveyor.

# 3.19 VINCULUM

A Vinculum symbol binding Severences of tenements across intervening boundaries, or over other lands, are to be shown on face of plan thus:

3.19.1 FOR SUBJECT LAND.

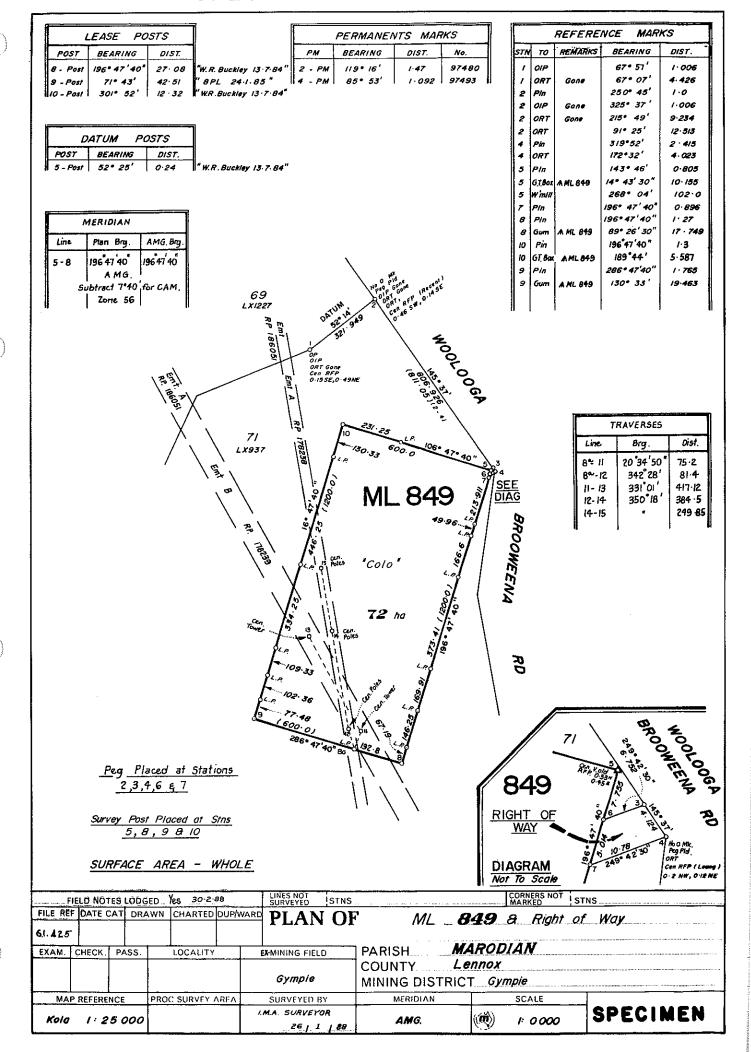
3.19.2



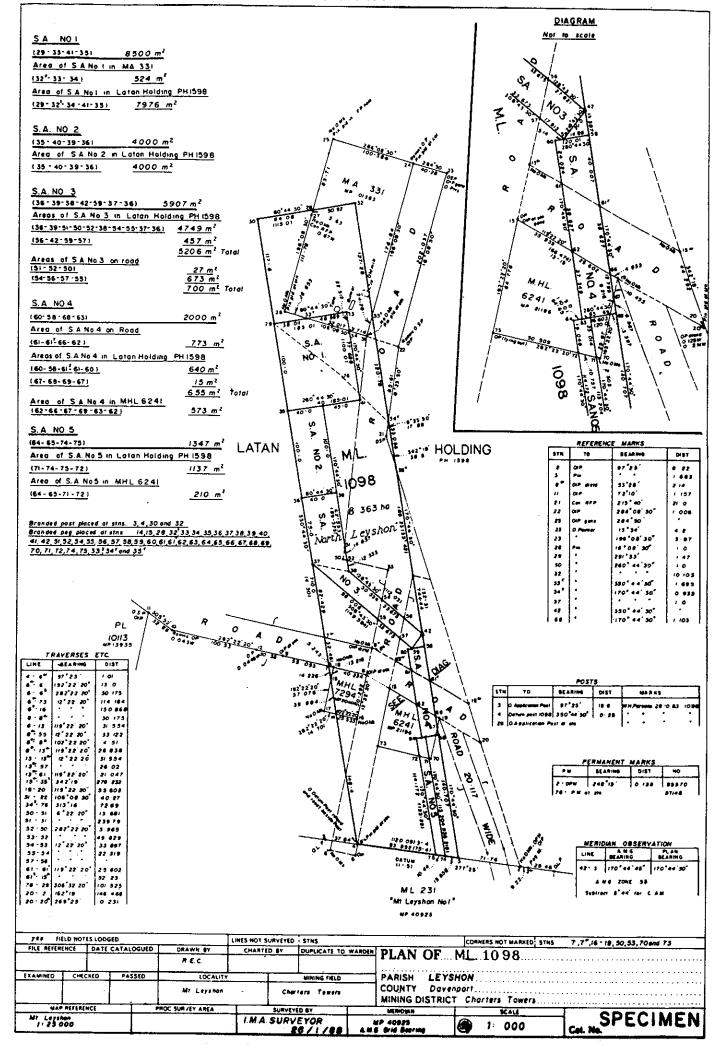
3.19.3 FOR BACKGROUND DESCRIPTIONS UNDERLYING THE SUBJECT LAND AND FOR ADJOINING DESCRIPTIONS.



## SPECIMEN PLAN



## SPECIMEN PLAN



## REQUIREMENTS OF THE DEPARTMENT OF FREEHOLD LAND TITLES

#### DISTRICT OFFICES:

BRISBANE 4000 202 ADELAIDE ST. P.O. BOX 1442

ROCKHAMPTON 4700 BOLSOVER ST. P.O. BOX 923 Ph: (07) 227 8241 Ph: (079) 27 6633

TOWNSVILLE 4810 418 FLINDERS ST P.O. BOX 667 Ph: (077) 72 1688

The example plans are copies of original plans held in the Department of Freehold Land Titles which have been suitably adapted to represent specific actions only.

The plans may not necessarily conform in every respect to all other guidelines set out herein.

The Surveyor-in-Charge, Department of Freehold Land should be contacted for enquiries concerning surveys that may not be included in the following examples.

# 4. DEPARTMENT OF FREEHOLD LAND TITLES INDEX

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## 4.1 ACCESS RESTRICTION STRIPS

Refer to respective Local Authority By-Laws.

### 4.2 AMENDMENTS

Amendments are to be shown in darkened red.

If after requisition, the context or intent of a plan is altered seriously, a fresh dated signature of the Registered Proprietor and a fresh Local Authority's consent are required and the plan should be withdrawn and re-entered.

eg. alteration to the number of Lots, alteration to the intent of road dedication, radical change to shapes or areas of lots or new roads.

Amendments to the Surveyor's Certificate on the back of the plan are covered by the amendment certificate on the face of the plan.

No part of an incorrect Surveyor's Certificate should be deleted. If necessary, a new correct Surveyor's Certificate should be endorsed on the back of the plan.

Amendments of a minor nature may be made by the plan examiner under the patent error provisions placed in the Surveyors Book.

#### 4.3 AREAS

- . Areas are to be in accordance with 'GENERAL REQUIREMENTS' 1.8 Page 19.
- . Calculated areas to be adopted for all lots where an acceptable closure can be obtained.

## 4.4 BALANCE AREA LOTS

- . Generally, for lots with Balance Areas the dimensions should be shown as "Balance" or "Original" (unless exactly deed to original mark and where surveyed dimensions are used for re-instatement purposes) and as well, any measured dimensions may be shown.
- Bearings of lines fixed by the new survey and intersected by new lines will not show original bearings.
- . If the previous plan shows only "Exclusive of Surveyed Road" with no area, an area should be computed if possible and shown.

#### 4.5 BUILDING UNITS & GROUP TITLE PLANS

#### 4.5.1 GENERAL

- . See Building Units and Group Titles Act and Regulations 1980.
- . See also Department of Freehold Land Titles publication entitled "Manual of Registration Requirements".
- . If part of the common property of a GTP or BUP is to be dedicated as New Road, a linen plan of resubdivision should be lodged over the original parcel. The original description shown on the GTP or BUP is then cancelled by this plan.

(See D.F.L.T. Example Plans 11 & 12 - Pages 184 & 188)

- . Where Common Property in a Building Unit Plan or a Group Title Plan is subdivided, the Title on the plan should read: eg. Lots 1 and 2 Cancelling Lot 1 on RP123456.
- Easements in Common Property are to be shown as:eg. Proposed Easement A in Common Property on BUP (or GTP) No.1234 (See D.F.L.T. Example Plan 7 - Page 183)
- . In acquisition of additional Common Property the cancelling clause should refer to the original description of the parcel prior to the registration of the Building Unit Plan or Group Title Plan and the description of the area to be added.
- . A re-survey should be lodged prior to the BUP or GTP if the dimensions of the subject land are uncertain.

#### 4.5.2 BUILDING UNITS PLANS

Adjoining information on a Plan referring to a registered Building Units Plan should also show, in brackets below it, the Lot description of the parcel on which the Building Units Plan is registered.

Contd.....

## 4.5 BUILDING UNITS & GROUP TITLE PLANS Contd

#### 4.5.3 GROUP TITLE PLANS

The requirements for the contents of sheet 2 are set out in Regulation 8(c) (ii) and Section 98(2) (a), (c), (d) and (e) of the Regulations.

Save with the consent of the Crown Law Officer the maximum number of lots in a Group Title Plan is 50. This is the aggregate number of lots including resubdivisions.

See Building Units and Group Title Act Sec 9(7).

Where a Lot consists of separate parts, each part should show the Lot number underlined with the word "(part)" and the area of each part. The total area should be shown on the prime part underlined with the word "(total)".

eg.

The corners of each Lot where a peg has not been placed should be numbered and marks placed should be shown in tablet form. If there is sufficient space the marks may be shown on the face of the plan. Any buildings, walls or occupation at or near the Lot corners should be referenced.

Internal recovery marks may be shown on Sheet 2, preferably in tablet form.

Where Lots are surrounded entirely by Common Property, connections to two exterior original corners which have been reinstated from previous surveys should be shown.

Where Sheet 2 consists of more than one sheet at least two connections should be shown between the Lots on each Sheet.

Amendments may be shown on the GTP plan before the GTP plan is lodged.

All amendments to GTP's are in black ink.

Group Title Plans are subject to consent by the Beach Protection Authority if in a Coastal Management Area.

They are subject to consent by the Water Resources Commissioner if in a Catchment, Irrigation or Channel Area.

### 4.6 CANALS

Canals are given Lot numbers and the word "CANAL" should be shown in the Lot on the face of the plan and not in the description.

(See D.F.L.T. Example Plan 1 - Page 173).

### 4.7 CANCELLING CLAUSE

The Lot on Plan description should be used.

### 4.8 CHANNEL AREAS

Channel Areas are given Lot numbers and the words "CHANNEL AREA" shown in the Lot on the face of the plan but not in the description.

(See D.F.L.T. Example Plan 2 Page 175).

#### 4.9 CITY OR TOWN

This should only be used if it was part of the original description ie. Allot of Section of Town except for City of Brisbane which should be used for any land within its boundaries.

## 4.10 COMPANY NAMES

These are permissable on the front of the plan in the "SURVEYED BY" box.

SURVEYED BY R.E. BROWN
of VILLA SURVEYS Pty Ltd
25 / 7 / 88

## 4.11 COMPILATIONS

4.11.1	Prior approval from the Surveyor-in-Charge for compilation is
	of benefit to the Surveyor but not compulsory.

4.11.2	To assist the Department of Freehold Land Titles in giving a
	qualified response to applications for plans without field
	survey (compilation), the following information should be
	supplied when submitting future applications.

Real Property Description	Lot on R.P
Certificate of Title	Volume Folio
Registered Proprietors	
Current Zoning	
Are any new buildings to be constructed on or near boundaries?	Yes/No?Don't Know(If Yes provide sketch)
Are the Lots fenced?	Yes/No/Don't Know(If Yes show details)
Type of country (if known)	
Reasons for amalgamation/ subdivision	
	••••••

Copies of Certificate of Titles, Original plans and calculations for new lots and severances.

- 4.11.3 As a guide, applications for Amalgamations will be refused if there are buildings encroaching, if the boundary dimensions are conflicting, or misclosures are evident.
- 4.11.4 It does not appear to be good practice to make an application and then carry out an Identification Survey for any following action be it a Building Unit Plan or Group Title Plan.

Contd.....

#### 4.11 COMPILATIONS Contd

- 4.11.5 Compiled surveys are subject to the following:
  - . All corners have been previously marked.
  - . All bearings, distances and areas should be compiled from the original plans only for the Lots being cancelled.
  - . In converting imperial distances the metric equivalent should be correct to the nearest millimetre.
  - . If the original areas are imperial they should be added then converted to the nearest square metre.
  - . Closes within allowable limits can be obtained.

See also 'CERTIFICATES' 1.14.5 - Page 24.

#### 4.12 EASEMENTS - PROPOSED

- 4.12.1 Easement plans do not require Local Authority consent.

  However Local Authority approval is required for an Easement
  Document which is for access for vehicles to a Road, Street
  or Highway other than a Declared Road within the meaning of
  the Main Roads Act.
- 4.12.2 Separate Easements are required for each parcel of land.
- 4.12.3 The word "Proposed" before an easement reference on a plan, should appear in the cancelling clause and not on the face of the plan.
- 4.12.4 Electricity Authority Easements, which are permitted to be shown by sketch in the Easement Document, need not have the word "Proposed" inserted as they are already established Easements.
- 4.12.5 Proposed Easements which are not perfected by documentation are automatically cancelled by a subsequent Plan of Subdivision.
- 4.12.6 Overlapping Easements are allowable. The second Easement plan should show the first Easement plotted in adjoining style.
- 4.12.7 In intersecting Easements, the intersections do not need to be located and marked.
- 4.12.8 An Easement can only be extinguished by "Surrender", "Merger" or "Resumption" or "Absorbed" by the dedication of New Road over the Easement.
- 4.12.9 Sketch plans in the Easement Document are allowed only for transmission lines. They are to be shown on subsequent subdivisions of the land with Easement letter and dealing number.

Contd.....

### 4.12 EASEMENTS - PROPOSED Contd

- 4.12.10 Subdivisions with New Easements in the new Lots should be described individually.
  - eg. Lots 14 to 18 and Proposed Emt A in Lot 14, Proposed Emt B in Lot 15, Proposed Emt C in Lot 16 and Proposed Emt D in Lot 17. Cancelling Lot 191 on RP123456. (See D.F.L.T. Example Plan 1 Page 173).
- 4.12.11 The Proposed Easement should be described separately in the case of subdivision creating New Lots and at the same time creating a NEW Proposed Easement over an adjoining Lot.
  - eg. Lot 1 and 2 Cancelling Lot 14 on RP123456 and Proposed Easement A in Lot 15 on RP123456.
- 4.12.12 Resurveys with an Easement in the same parcel should also be described separately.
  - eg. Lot 24 being Resurvey of Lot 24 on RP123456 and Proposed Easement A in Lot 24
- 4.12.13 The Proposed Easement should be described separately in the case of a Resurvey of a Lot and at the same time, a Resurvey of an Easement in an adjoining Lot.
  - eg. Lot 217 being a Resurvey of Lot 217 on RP123456, Cancelling Lot 217 on RP123456 and Proposed Easement A in Lot 218 on RP123456,
- 4.12.14 A plan of any Proposed Easement that contains height restrictions should:-
  - . show the height restrictions on the face of the plan
  - . be on AHD Datum
  - . show the PM to which they are related and its reduced level on AHD.
  - eg. . Emt A is between RL 29·2 AHD and RL 33·6 AHD and is related to PSM 12345 RL 95·641 AHD.
    - . Emt A is above RL 22·3 AHD and is related to PSM 12345 RL 12·631 AHD.
    - . Emt A is below RL 37.2 AHD and is related to PSM 12345 RL 24.685 AHD.
    - . Emt B extends to height of  $2\cdot 1$  metres above the reduced levels shown hereon and is related to PSM 12345 RL 22.632.

(See D.F.L.T. Example Plans 6 & 7 - Pages 182 & 183)

#### 4.13 ENCROACHMENTS

Where significant improvements are shown to encroach onto the subject Lot, a letter from the adjoining owner on whether or not they intend to have a check survey carried out should be lodged with the plan in a Field Book cover.

#### 4.14 FIELD NOTES

- 4.14.1 If the Field Notes for a number of plans are in one book, one plan number should be chosen to be shown on the front of the Field Book and on the front of each Plan in the "FIELD NOTES LODGED" box.
- 4.14.2 Where the reinstatement of a survey is complex or there are significant differences from either original or other surveys, a report in a Field Book cover should be lodged with the plan.
- 4.14.3 Where the present definition of High Water Mark (HWM) differs significantly from original HWM, a report in a Field Book cover should be lodged with the plan.

## 4.15 IDENTIFICATION SURVEY

A copy of the plan should be endorsed, signed and lodged by the Licensed Surveyor. See also Regulation 31 of the Surveyors Regulations 1978.

eg. I hereby certify that I have identified and remarked the boundaries as shown hereon.

Licensed Surveyor
Date

### 4.16 LEASES

- 4.16.1 If leases are shown on a Registered Plan, then the plan should comply with all the requirements of a normal plan of subdivision. (See D.F.L.T. Example Plan 8 Page 184).
- 4.16.2 Leases of land being part of a Certificate of Title should have therein a sketch properly drawn to scale, showing the scale thereon and the direction of the North Point, with bearings and distances and where necessary connection to the title boundary.

Contd.				

#### 4.16 LEASES Contd

4.16.3 Leases of part or parts of a building should have therein a sketch properly drawn to scale, showing the scale thereon and the direction of the north point. The parcel of land on which the building stands should be plotted in full and should show the position of the building in relation to the boundaries of the land and the layout of the part or parts of the floor/s to be leased by showing all the internal dividing walls particularly with reference to the external walls. No measurements are required and the area should be shown in square metres.

The area to be leased should be hatchured.

Part of a building could be leased by excluding parts thereon so long as the exclusion is part of the Operative and clearly indicated by a sketch.

See Example Plan No. 10 - Page 186.

#### 4.17 LOCAL AUTHORITY CONSENT

Local Authority Consent is required for all subdivisions and amalgamation plans of freehold land whether by Compilation or Survey except —

- . Resumptions
- . Actions under Section 34(17d) of the Local Government Act
- . Subdivisions under the Property Law Act Part XI Section 185(1)(b). Order of Supreme Court for relief in respect of encroachment.
- Easement Plans (Local Authority consent is required for some access Easements, however the Consent is endorsed on the Document and not on the plan).

  Plans are to be lodged with the Registrar of Titles within 6 months of Local Authority Consent, except G.T.P's and B.U.P's for which there is no time limit.

#### 4.18 **LOTS**

Lots need not be numbered from unity on every plan lodged. In some actions it may be advantageous to retain the existing number or numbers.

It is also appreciated that some large survey projects cannot all be contained on one plan, and that the sequence in which the plans will be lodged is unpredictable. In such cases where the Surveyor will be committed to Lot Numbers allocated in early stages of design, the Lot Number should not exceed three digits.

## 4.19 MEMORANDA TO SURVEYORS

Surveyors may appeal against any Memoranda to the Deputy Surveyor-In-Charge or to the Surveyor-In Charge or to the Registrar of Titles.

A Licensed Surveyor may authorise another Licensed Surveyor to attend to his Memoranda with the provision that he is interstate or overseas, provided this office receives a prior letter from the Surveyor with the name of the other Licensed Surveyor and the period of that authority. This removes the anomaly between an individual Surveyor and a Company which is licensed as a Surveyor.

#### 4.20 MERIDIAN BOX

Necessary to be filled in only if on AMG but may be used to relate to previous plan number.

## 4.21 NEW ROAD

Any subdivisional plan must contain at least one (1) new Lot as a plan cannot contain New Road only. (See D.F.L.T. Example Plan 11 - Page 187).

A plan containing New Road only with an Undescribed Balance is not allowed.

The Total Area of New Road should include any classified road ie. Pathway, Lane etc. (see D.F.L.T. Specimen Plan - page 171).

The dedication of New Road takes place when the plan is registered. Vide the Local Government Act, Section 34(14).

See also D.F.L.T. Example Plans 1 & 12 - Pages 173 & 188.

## 4.22 ORIGINAL GRANT BOX

This box to be completed by the Department of Freehold Land Titles only.

#### 4.23 ORIGINAL INFORMATION

Original Dimensions should be obtained from the plan from which the Title being cancelled was issued.

Original Bearings should be on the Meridian of the Datum of the survey if the Datum is along one of the boundaries of the subject land.

contd.....

#### 4.23 ORIGINAL INFORMATION Contd

Where the Datum is not on one of the boundaries of the subject land, the original bearings should be related to the bearing of the longest reinstated boundary on the subject land.

## 4.24 PROCLAIMED SURVEY AREAS

PSA's are established under Section 12 of the Survey Co-ordination Act 1952.

Surveys within or adjoining a PSA should be connected to two established Permanent Survey Marks.

The PSA box should be completed.

## 4.25 RESTRICTED TITLES (SUBDIVISIONS IN STRATA)

For Restricted Titles, enquiries should be made with the Surveyor-in-Charge, Department of Freehold Land Titles.

See D.F.L.T. Example Plans 6 & 7 - Pages 182 & 183.

## 4.26 RESURVEYS

The Title shall read:

eg. Lot 54 being resurvey of Lot 54 on RP123456

See D.F.L.T. Example Plan 13 - Page 189.

## 4.27 UNDESCRIBED BALANCES

A plan of a Lot fully covering an Undescribed Balance eg. as a result of stage development, may be compiled provided no other plans have shown differences in the dimensions of the Balance.

A Compilation of a previously Undescribed Balance Area under Regulation 29 of the Surveyors Regulations shall be compiled from the plan or plans from which the Title was issued, and plan of excision only.

Information from adjoining plans is not allowable.

Any plan of the Undescribed Balance requires Local Authority's Consent whether the plan is compiled or surveyed.

Contd.....

#### 4.27 UNDESCRIBED BALANCES Contd

The description should include the word "Balance".

eg. Lot 123 Cancelling Balance of Lot 123 on RP123456.

See D.F.L.T. Example Plans 1 and 3 - Pages 173 & 177.

#### 4.28 VINCULUMS

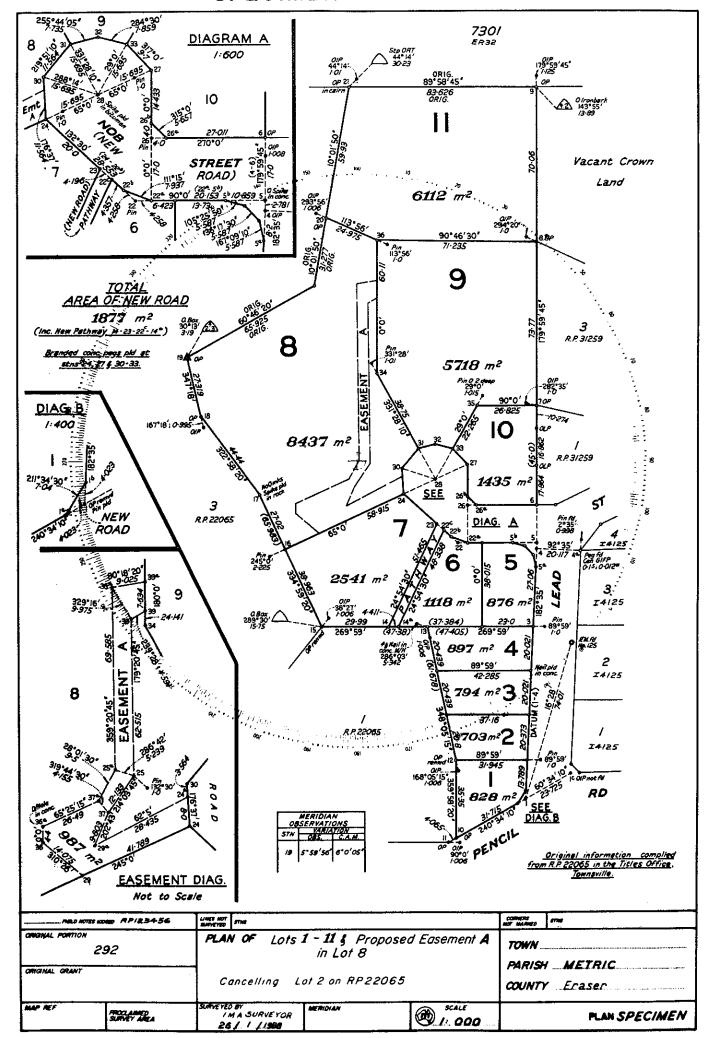
Where an existing Internal Road is the subject of a Vinculum and it is not touched by a new subdivision or a New Road boundary so that the Internal Road remains the same, the Vinculum may remain.

Where an existing Internal Road is the subject of a Vinculum and it is touched by a new subdivision or a New Road boundary and as a result the Area of that Internal Road is changed a Vinculum across that road is not allowable and separate Lots must be shown.

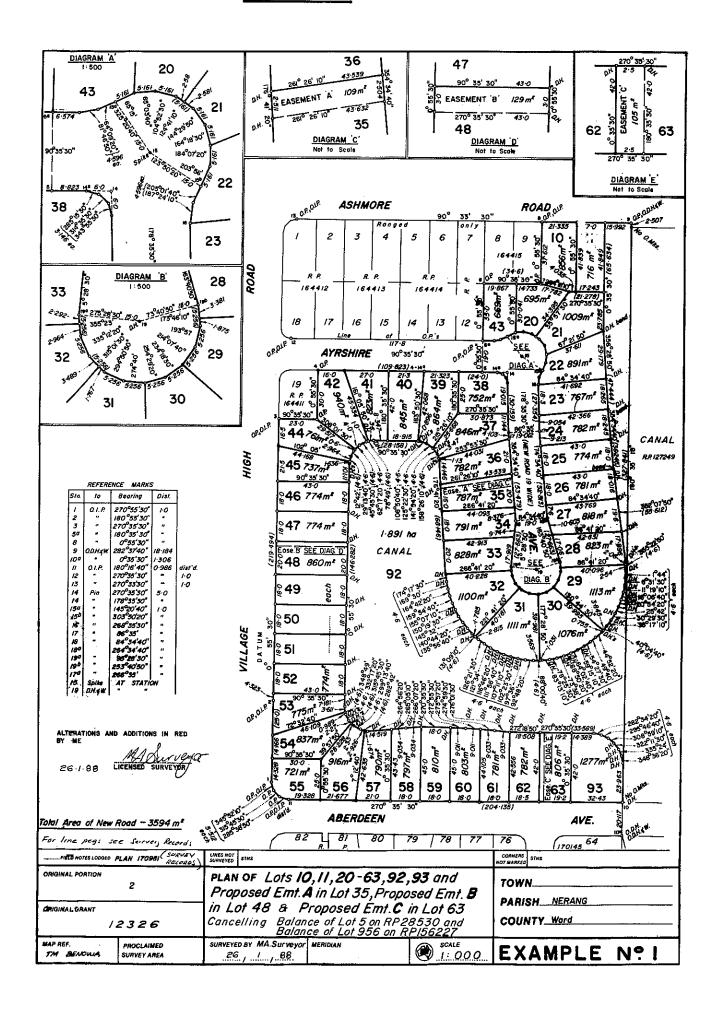
When it is desired to retain Vinculums, an application must be made to the Registrar of Titles.

The Local Authority and the Registered Proprietor may lodge for registration in the Department of Freehold Land Titles, an Agreement precluding the sale of one Lot without another. This Agreement is endorsed on the Certificate of Title of each of the Lots involved.

## SPECIMEN PLAN

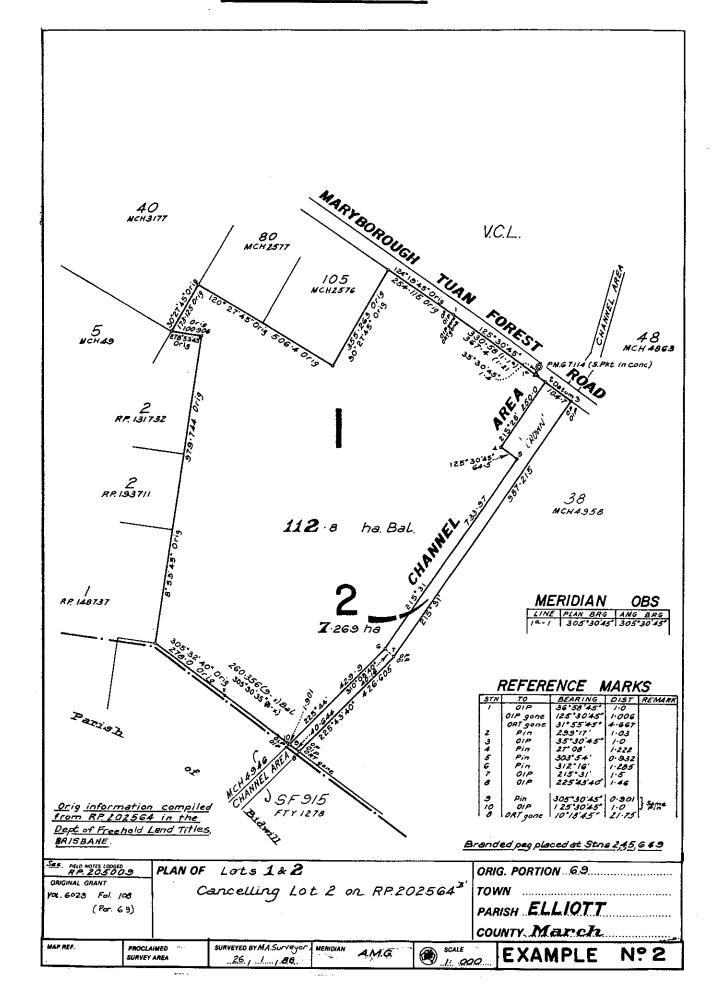


## CANAL



CERTIFICATE  I. Mark Aland SURVEYOR  hereby certify that i, have surveyed the land comprised in this plan personally.  that the plan is accurate, that the said survey was performed in accordance with the 'Surveyors Act 1977' and the 'Surveyors Regulations 1978' and that the said survey was completed	FOR TITLES OFFICE USE ONLY  Previous Title
on. 26-1-88  Signature of Licensed Surveyor.	Gold Coast (for drainage pures)
Council of the CITY of GOLD COAST certifies that all the requirements of this Council, the Local Government Acts of 1838 to 1880 and all By-Laws have been complied with and approves this Plan of Subdivision. SUBJect. to: (1). lodgement of grant of easements, A.B., & C in favour of Council for Drainage purposes; (2). Transfer, of Lot II. to the Crown as a Reserve for "Local Government purposes".    Dried this 25th day June 1880   Dried this 25	G116919 Thr. Lot 92 to The Crown  Allocations  C.T. New Road Lots  4444-242 2430m² 10,11, 20 to 27 34 to 46, 92 27 to 34 46 to 63, 92 + 93
MWe DEVELOPMENT PROPRIETARY IMITED  (Names in full)  of this land, agree to this Plan and dedicate the new roads shown hereon to public use.  Signature of GIVEN under the Common Seal) Proprietor's of DEVELOPMENT PROPRIETARY LIMITED by authority of a resolution of the Board of Directors under the hands of a Director and the Secretary thereunto authorised in the presence of:  A Justice of the Peace,	May CT, Res. Phy
Executive Council Minute No. 2208 dated 14th June, 1979, approved that final approval be granted to Bruce Small Enterprises Pty. Ltd. for the construction of canals at Stages 1A and 1C of Benowa Waters Estate.	
Acting Clerk of the Executive Council 11-7-80  (Ro) 50 VN. 203	Lodged by Small Entiprises
A Same of the same	Fees Payable  Postal fee and Postage  236-67 Lodgt, Exam. & Ass.  End. on pacs. 79.92.  End. on Deeds  Photo Fee  Photo Fee  Received  Registrar of Titles  Journal No.  6116914  Receipt No.
Caic. Bk. No. 314/184 Examined 2/18/180 ASS.  Passed 2/18/180 ASS.  Charted 2/9/180 ASS.  Mep Ref. IM. BENIOWA  BENIOWA  REGISTRAR OF TITLES.	Seg. 50. Total 895-00 Seg. 50.

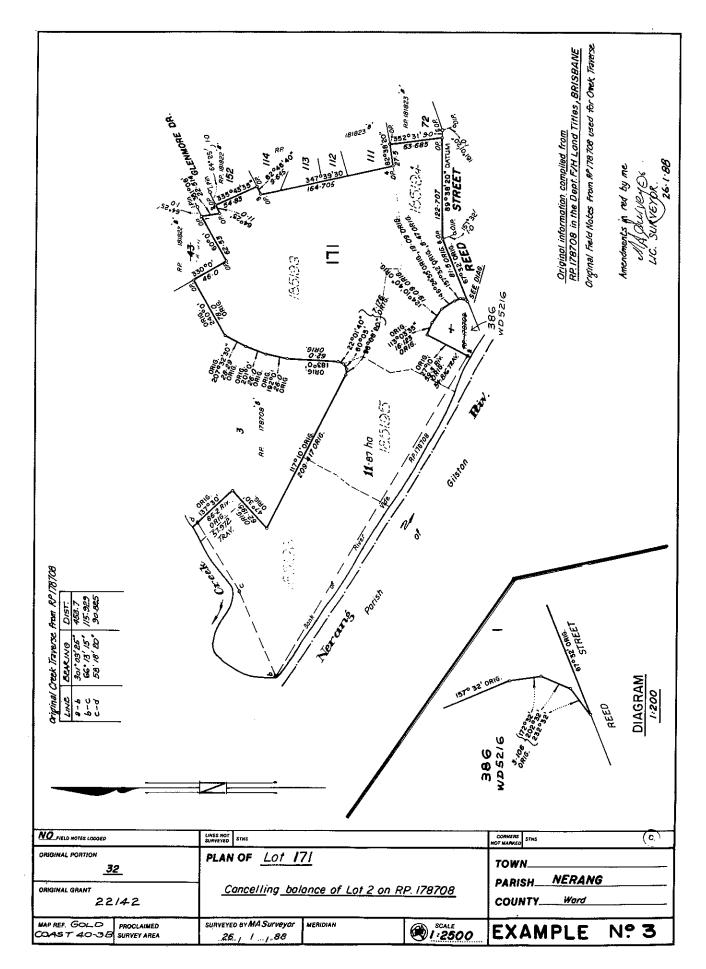
## CHANNEL AREA



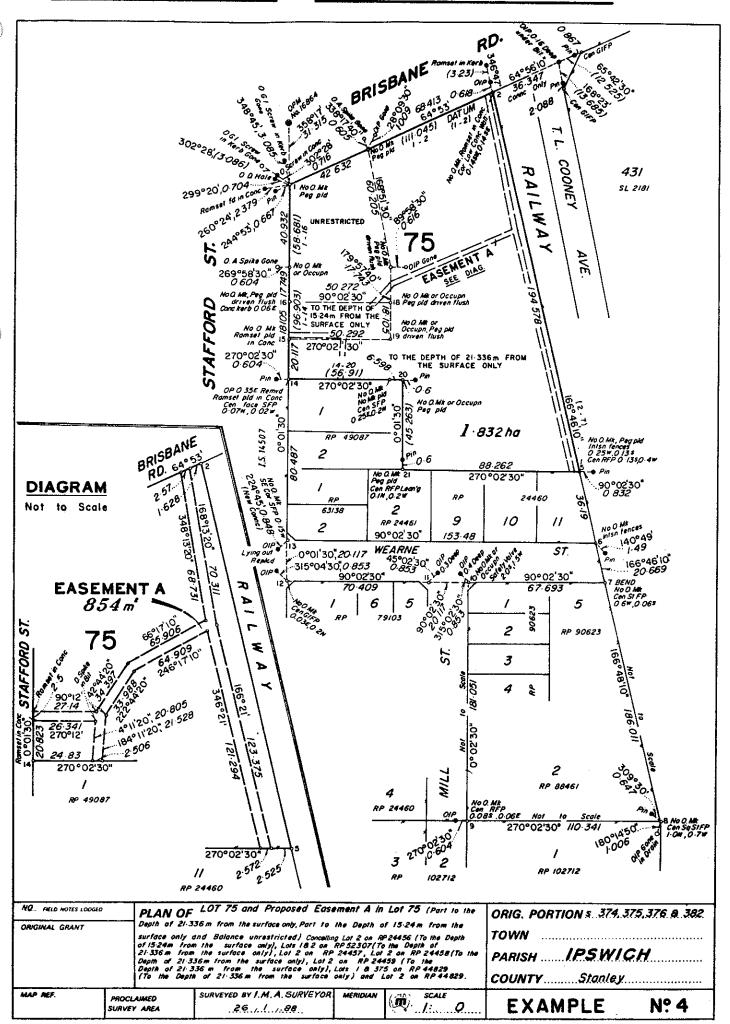
CERTIFICATE	FOR TITLES OFFICE	LICE ONLY
I, Mark Aland SURVEYOR.  hereby certify that I have surveyed the land comprised in this plan  Junior Charles Windchester, Surveying Graduate, for  whose work I accept responsibility  that the plan is accurate, that the said survey was performed in accordance with the "Surveyors Act	Previous Title C.T. 6009-105 Lo. G.808050 Resumption Lo. G.808051 Resumption East	ot 2
that the plan is accordance, that the said survey was performed in accordance with the 'Surveyors Act 1977' and that the said survey was completed on	Commissioner of Water A.	esources
Date 26-1-88 Signature of Licensed Surveyor.		
Council of the		
Dated thisday of19		
・ Mayor or Chairman K フィッハ Town on Town or Shire Clerk		
We		
(Names in full) If this land, agree to this Plan and dedicate the new roads shown hereon to public use.		
ignature of reprietor's  S CONSTRUCTING AUTHORITY THE COMMISSIONER OF WATER		
RESOURCES APPROVES THIS PLAN OF SUBDIVISION		
ATED AT BRISBANE THIS WEBTY SHIP DAY OF JUNE 1982		
2-1		
ECRETARY TO THE COMMISSIONER OF WATER RESOURCES.		
R. C.		
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CREEK TRAVERSE

DETAILS FROM PREVIOUS LOT USED FOR NEW LOT.



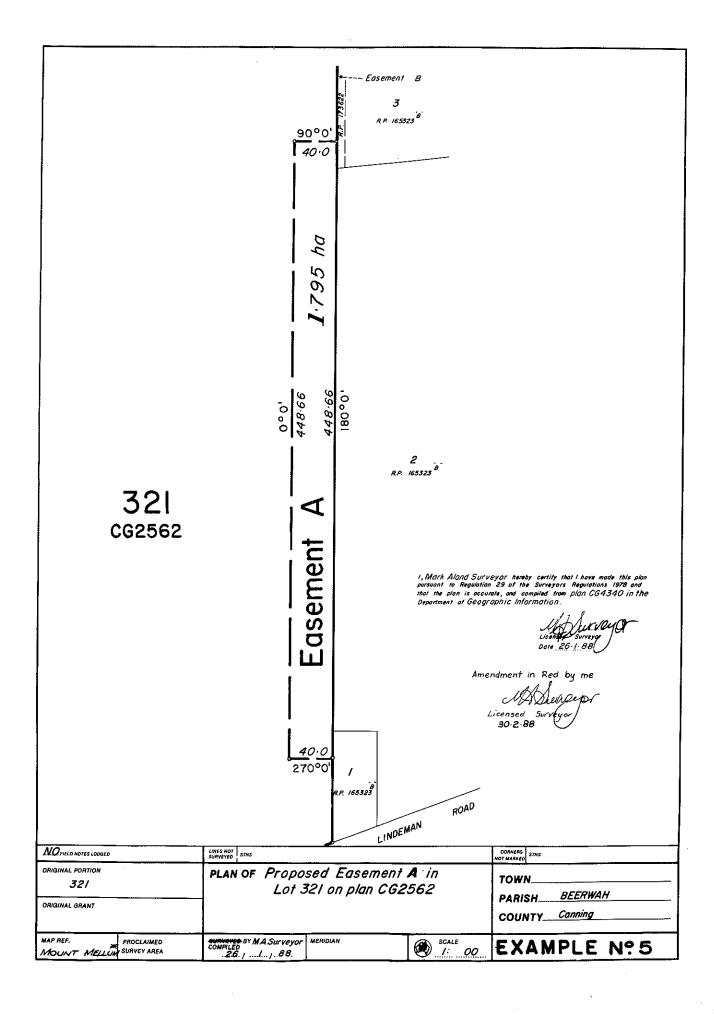
## DEPTH RESTRICTIONS - TITLE TO VARYING DEPTHS



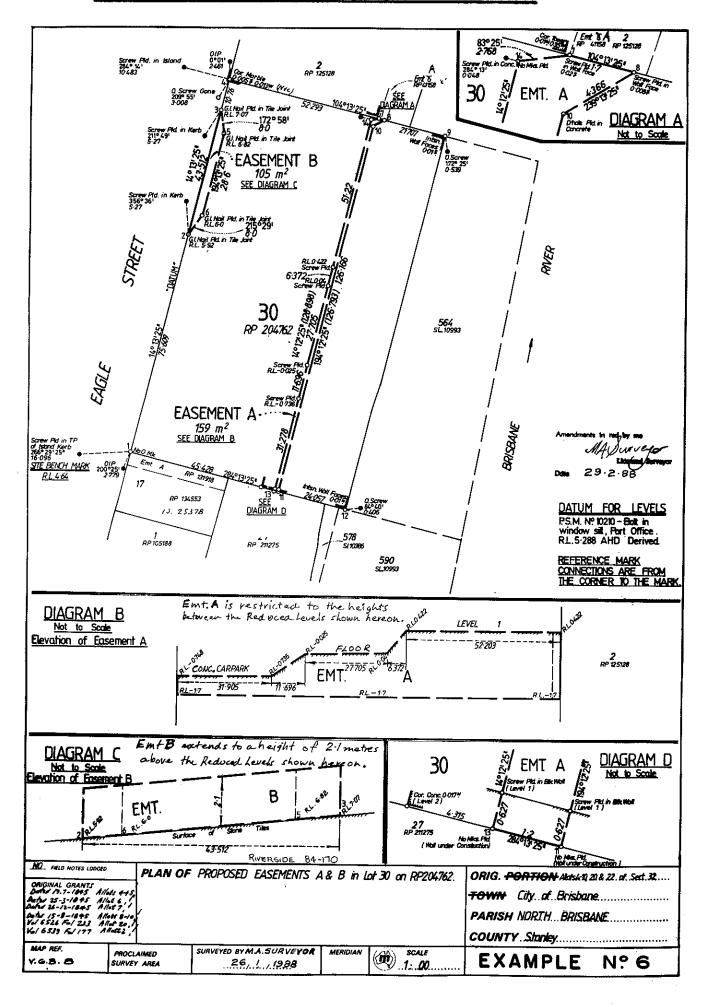
CERTIFICATE    Mark Aland SURVEYOR	FOR TITLES OFFICE USE ONLY  Previous Title  Allocation  Volume Folio Lots  To the desth Lots Allot.
Total Vol. Fol.	Lodged by  Fees Payable  Postal fee and Postage  Lodgt, Exam. & Ass.  Lodgt, Exam. & Ass.  Postal fee and Postage  Lodgt, Exam. & Ass.  Inc.  Entd. on Does  Inc.  Entd. on Deeds  Loggt From  Photo Fee  It Entl.  Total  Received  Registrar of Titles  Journal No.  6894494  Receipt No.  18625
Ceic. Bk. No. 35.7/31.  Examined 26.14.181.  Passed 26.14.181.  Charted 12.151.23.  Map Ref. Epsaulch & pt. B  LSE W/1/33  REGISTRAR OF TITLES	Short Fees Paid

PLAN Nº4

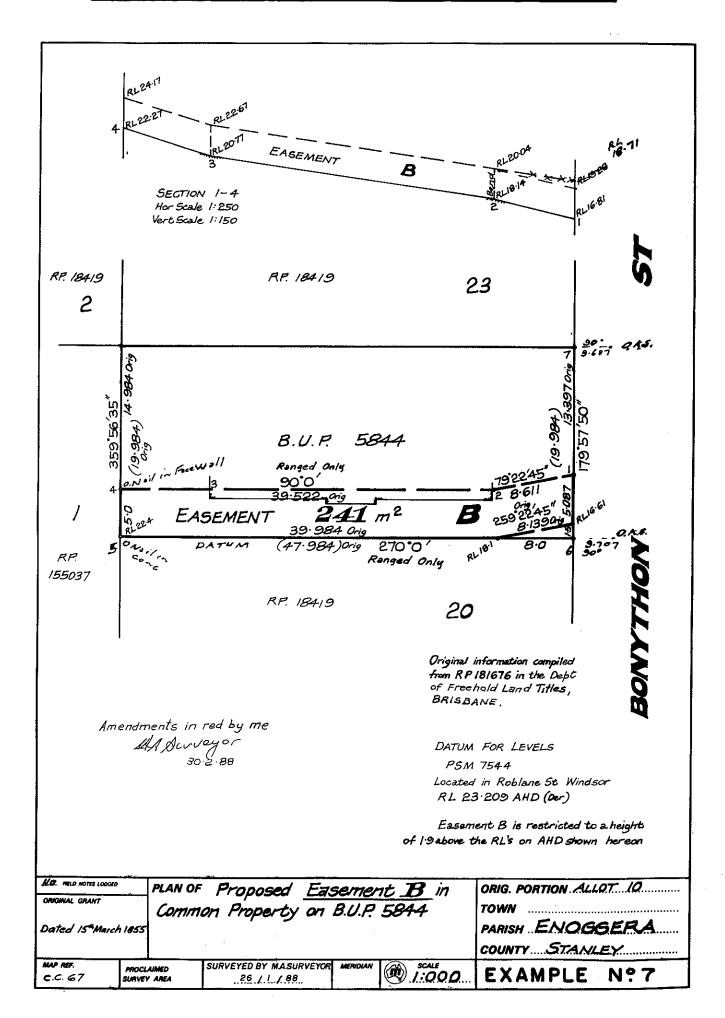
## EASEMENT IN CROWN LEASEHOLD



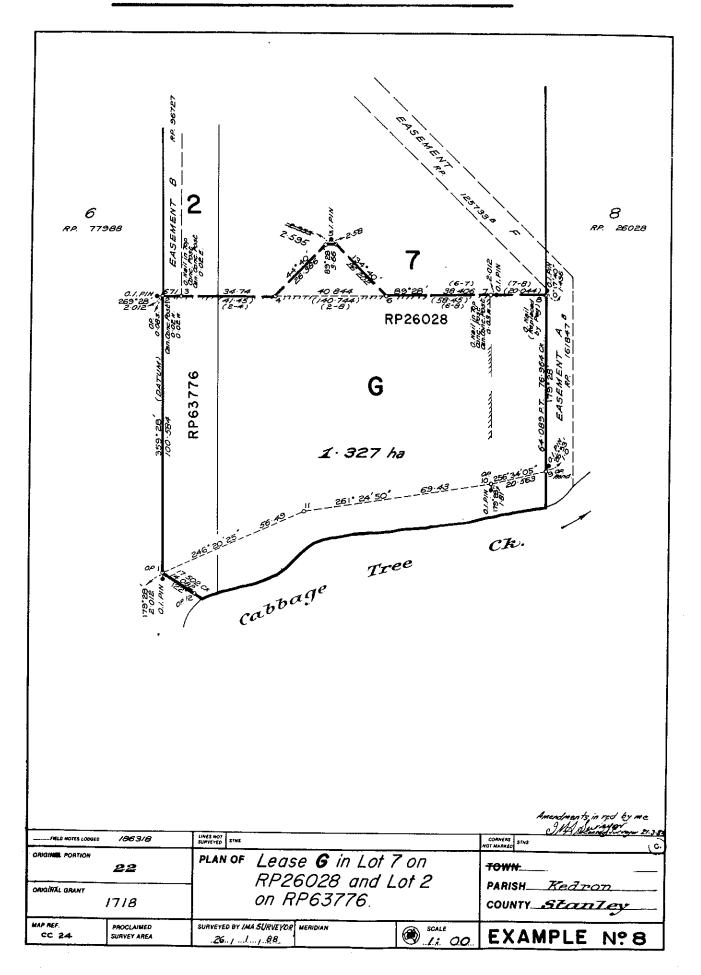
## EASEMENT WITH HEIGHT RESTRICTIONS



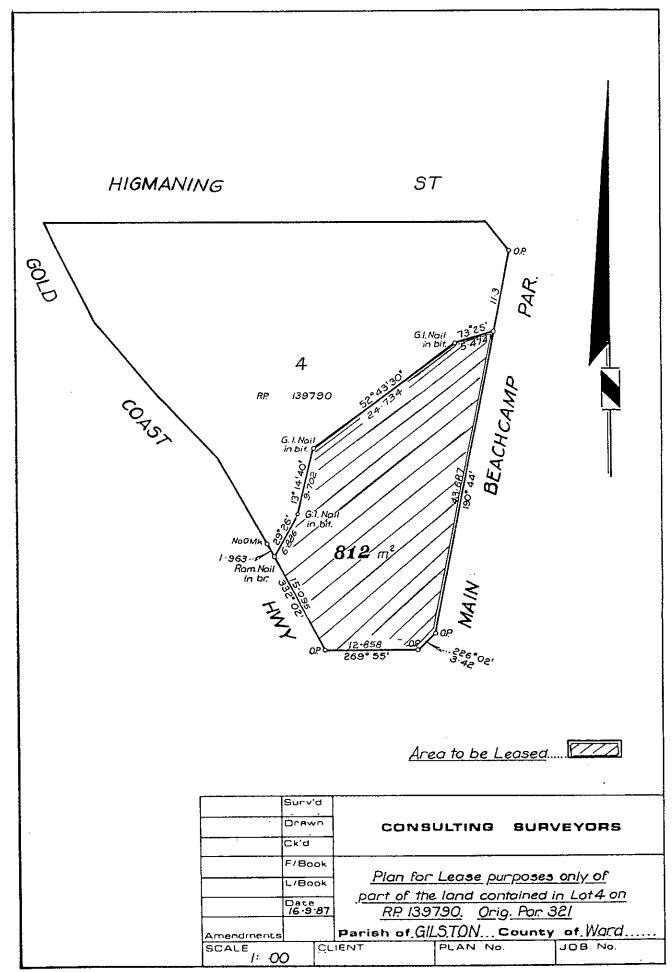
#### EASEMENT IN B.U.P. WITH HEIGHT RESTRICTION



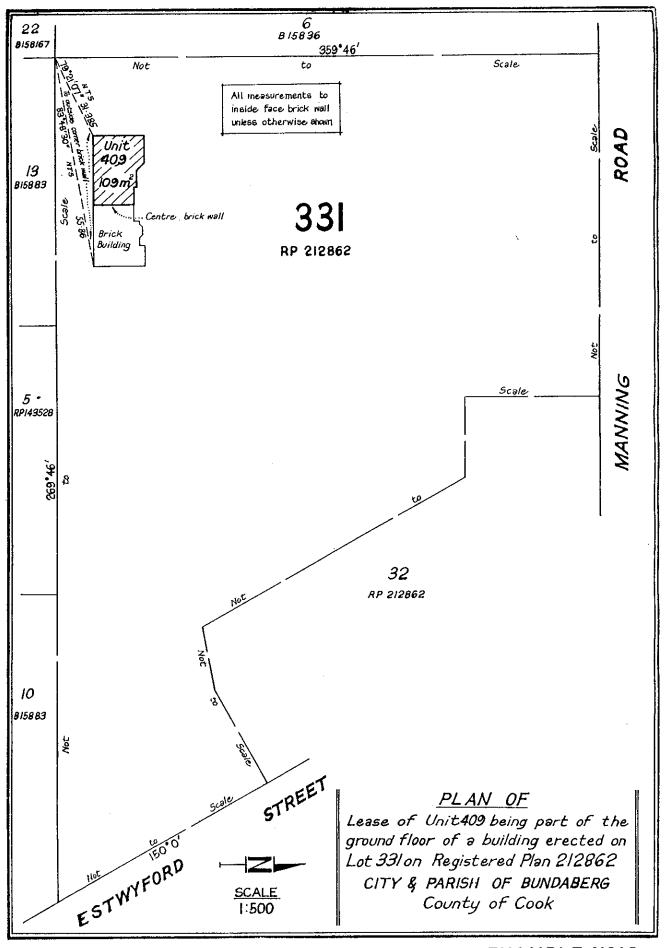
## LEASE ON REGISTERED PLAN FORM



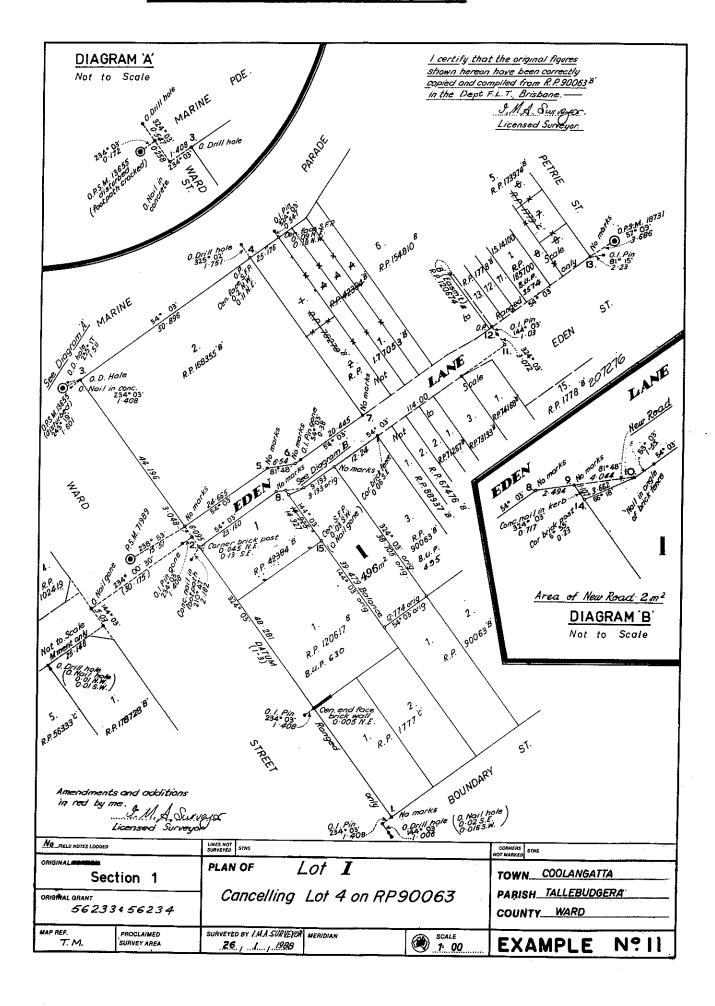
## SKETCH OF LEASE OF PART OF THE LOT



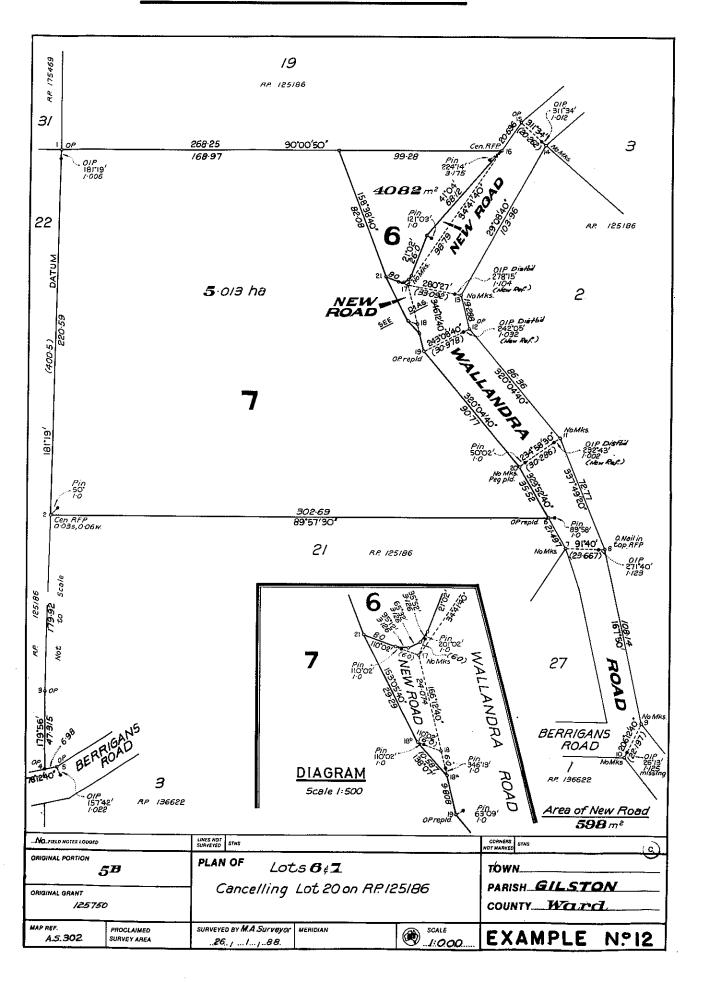
## SKETCH OF LEASE OF PART OF THE BUILDING



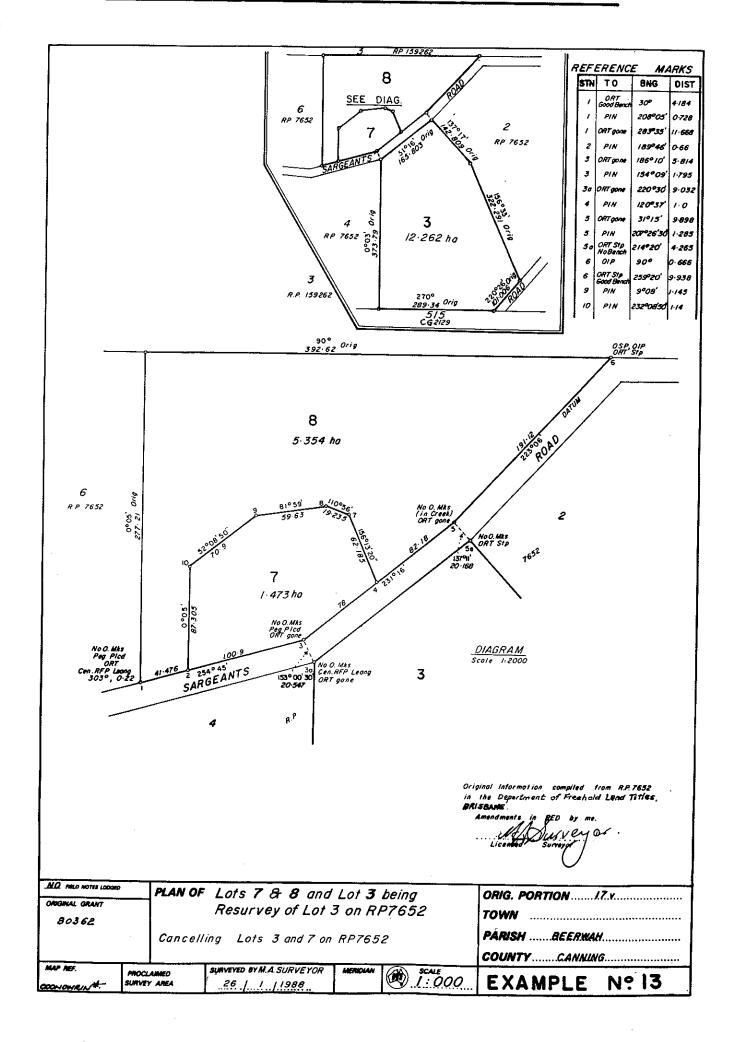
## B.U.P. DEDICATED AS ROAD



## G.T.P. - DEDICATED AS ROAD.

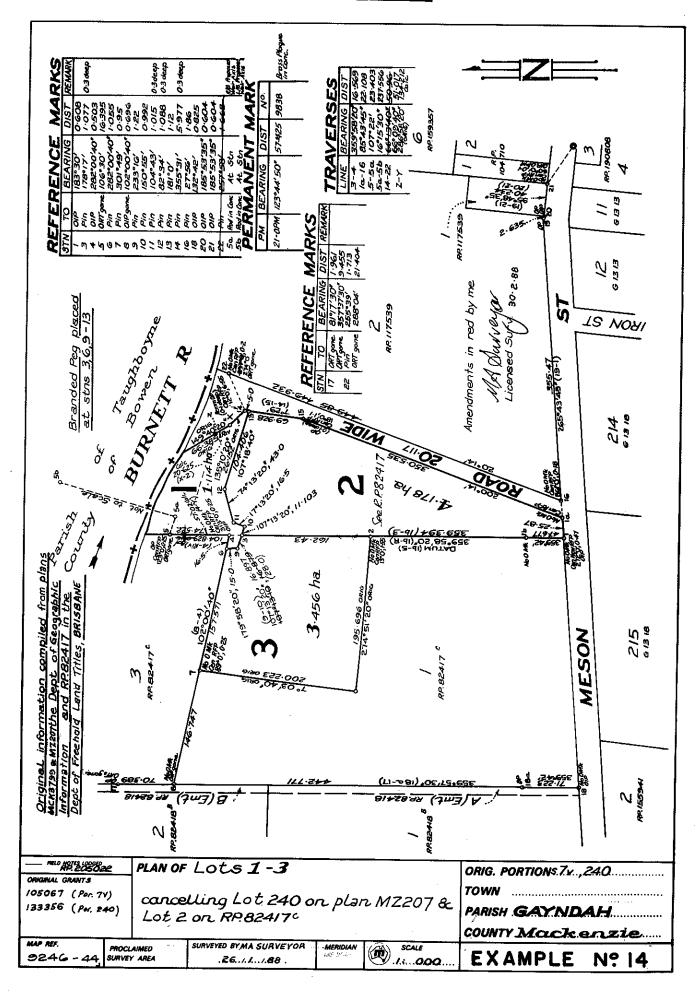


## SECTION 34 (12) g. (LOCAL GOVT. ACT) AGREEMENTS



	1
CERTIFICATE	FOR TITLES OFFICE USE ONLY
hereby certify that	Previous Title
comprised in this planpersagallyand	CT. 1592 - 20 Sec. 7 RP. 7652
that the plan is accurate, that the said survey was performed in accordance with	
the "Surveyors Act 1977" and the "Surveyors Regulation 1978" and that the said survey was completed on $26\cdot /\cdot 88$	CT. 1592-19 546.3 RP. 7652 8
MADUNESOC	
Signature of Licensed Surveyor	
Date 26:1:88 Signature of Licensed Surveyor	
Council of the Shire of Landsborough certifies	CT ALLOCATIONS LOT CT
that all the requirements of this Council, the Local Government Acts of 1936 to	1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
19 8 and all By-Laws have been complied with and approves this Plan of Subdivision	748 1592-20
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Of the Local Government Not 1936/1994 outlies to the	
herein being held in the same ownership as Sub. 3 of Portion 17V Parish of Beerwah. July 19 84	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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(Names in full)	Silving Committee and the second
as Proprietor / s of this land, agree to this Plan and dedicate the new roads shown	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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hereon to public use.	KK J. C.
Signature of Proprietor / s	
THE COMMON SEAL OF NOMINEES	Lot. Vol. Fol. Lot Vol. Fol. Lot Vol. Fed.
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Board of Directors in the presence	3 / 59
and Harold Director,	
and in the presence of	
9	
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totacil of the Shire of Landsborough certifies that all the prequirements of this Council, the Local Government Acts 1936	
985 and all By-Laws have been complied with and approves Plan of Subdivision subject to the registration of an	
application to register an agreement in accordance with Section	
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or beerwan.	
Dated this 2nd day of July, 1985	for HUSE & W. 725- C. =
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# TREATMENT OF CONDITIONAL CONSENT ON RESUMPTION PLAN



CERTIFICATE  1, Mark Aland Surveyor	FOR TITLES OFFICE USE ONLY
hereby certify that	
comprised in this planper.somally	C.T. 4254-39   Pertion 240   Sub. 2 82417
	H939694 Resumption of Lot I by The Commissioner.
that the plan is accurate, that the said survey was performed in accordance with	of telefon Panishana
the Surveyors Act 1977 and the Surveyors Regulation 1978 and that the	Lots 203 For Conditional Consent See R.P. 82417 Lot Orig. Pors. P.T. 19.09. 1986 AKSum change
said survey was completed on 26:1:.88	1 74 & 240
Marigo.	2 240
	3 7
Date Signature of Licensed Surveyor	
Council of the	
9 and all By-Laws have been complied with and approves this Plan of Subdivision	
Dated this day of	
Mayor or	
GAYNDAH Chairman	
Town or	
Shire Clerk	
We	
(Names in full)	
s Proprietor : s of this land, agree to this Plan and dedicate the new roads shown	
-	·
ereon to public use.	
Signature of	
Proprietor , s	Lot Vol. Fol. Lot Vol. Fol. Lot Vol. Fol.
	1 6968 219
AS CONSTRUCTING AUTHORITY THE COMMISSIONER OF WATER A TOURCES APPROMES	
THIS PLAN OF SUBDIVISION	
DATED AT BRISBANE HOS THE NTY FIFTH DAY	
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SECRETARY, JO	Lodged by
THE COMMISSIONER OF WATER RESOURCES	Louged by
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