

STATE FOREST 65 — GNANGARA PLANTATION BUSHLAND, PINJAR

Boundary Definition: protected area with bushland (Sites 96, 101, 102, 103, 104, 105, 107, 126, 432, 433, 441, 450, 459); protected area with bushland/conservation category wetland (Sites 99, 106, 108, 427, 448, 452, 461); protected area with conservation category wetland (Site 434) (Site 434 — areas of bushland within the boundaries of the Site are not accurately mapped. The boundary has been drawn to include any unmapped bushland; remnants in pine plantation.)

SECTION 1: LOCATION INFORMATION

Bush Forever Site no. 96, 99, 101–108, 126, 427, 432–434, 441, 442, 448, 450, 452, 459, 461

Area (ha): bushland 31.5 (21 remnants from 0.6 to 6.2 ha)

Map no. 21, 22

Map sheet series ref. no. 2034–I NW, 2034–I SW, 2034–I SE

Other Names: part of proposed Gnangara Park

Local Authorities (Suburb): Shire of Wanneroo (Pinjar), Shire of Swan (Bullsbrook)

Includes CALM Managed Land: State Forest 65

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Bassendean Dunes/Pinjarra Plain

Bassendean Sands over Guildford Formation (Qpb/Qpa: S10)

Wetlands (within the Bassendean Dunes)

Holocene Swamp Deposits (Qhw: Cps)

VEGETATION AND FLORA

Vegetation Complexes

Bassendean Dunes

Bassendean Complex — North

Wetlands

Pinjar Complex

Floristic Community Types: not sampled, unable to infer types

Supergroup 2: Seasonal Wetlands

Supergroup 3: Uplands centred on Bassendean Dunes and Dandaragan Plateau

WETLANDS

Wetland Types: dampland, sumpland, artificial channel

Natural Wetland Groups

Bassendean Dunes

Gnangara (B.2)

Jandakot (B.3)

Riverdale (B.4)

Wetland Management Objectives: Conservation (Site 99 4.5ha, Site 106 2.4ha, Site 108 1.1ha, Site 427 1.2ha, Site 432 0.5ha, Site 434 0.7ha, Site 452 0.6ha), Resource Enhancement (Sites 96, 101–102, 104–105, 107, 126, 461, 459, 448, 450, 461), Multiple Use (Site 103)

Swan Coastal Plain Lakes EPP: none identified

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: vegetated wetlands, vegetated uplands

Vegetation and Flora: limited survey (McArthur and Mattiske 1985, Connell 1995, Trudgen 1996)

Structural Units: generally only broad regional information is given for Site descriptions for combined remnants in pine plantations

Scattered Native Plants: not assessed

Vegetation Condition: Very Good (Connell 1995)

Total Flora: not known

Significant Flora: the Heath/Shrubland limestone vegetation is the most eastern occurrence of its type and warrants further field study

Fauna: not known

Linkage: adjacent native vegetation south (Site 398) of Site 434, south (Site 459) of Site 448, south (Site 398) of Site 126, north (Site 380) of Site 96 and north (Site 448) of Site 459; Site 96 is part of contiguous; and Site 126 and Site 434 are parts of contiguous and fragmented bushland/wetland (Part A, Map 7)

Other Special Attributes: included in Gnangara Park proposal (Bailey 1997)

SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE

Not listed

SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS

Criteria: Representation of ecological communities

Recommendation: Sites with Some Existing Protection; the existing care, control and management of these Sites is endorsed. (Proposed 'Gnangara Park' - Cabinet 1996) (see Table 3, Volume 1).

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SECTION 1: CADASTRAL INFORMATION

(Lots, locations and derived information to be updated in the public submission period)

Bushplan Site no. 96, 99, 101–108, **Map no.** 20, 27, 28, 33 **Map sheet series ref. no.** 2034–I NW, 126, 427, 432–434, 441, 442, 2034–I SW, 2034–I SE
448, 450, 452, 459, 461

Other Names: not known

Area (ha): total 32.7; bushland 31.5 (21 remnants from 0.6 to 6.2 ha)

Local Authorities (Suburb)

Shire of Wanneroo (Pinjar), Shire of Swan (Bullsbrook)

Zoning

MRS: State Forests

TPS: Landscape

Ownership Categories

State Government, Private (commercial organisation)

Lot/Location/Reserve numbers (Purpose),

Street name

5607 Perry Rd; 5607 Ziatas Rd; 5607 Kirby Rd

State Forest 65

CALM Managed Land

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Bassendean Dunes/Pinjarra Plain

Bassendean Sands over Guildford Formation (Qpb/Qpa:S10)

Wetlands (within the Bassendean Dunes)

Holocene Swamp Deposits (Qhw: Cps)

VEGETATION AND FLORA

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Bassendean Dunes

Bassendean Complex — North

Wetlands

Pinjar Complex

Floristic Community Types: not sampled, unable to infer types

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Supergroup 3 — Uplands centred on Bassendean Dunes and Dandaragan Plateau

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Wetland Types: dampland, sumpland, artificial channel

Natural Wetland Groups

Bassendean Dunes

Gnangara (B.2)

Jandakot (B.3)

Riverdale (B.4)

Wetland Management Objectives: Conservation (BS99 4.5ha, BS106 2.4ha, BS108 1.1ha, BS427 1.2ha, BS432 0.5ha, BS434 0.7ha, BS452 0.6ha), Resource Enhancement (BS96, BS101-102, BS104-105, BS107, BS126, BS461, BS459, BS448, BS450, BS461), Multiple Use (BS103)

Swan Coastal Plain Lakes EPP: none identified

SECTION 3: SPECIFIC SITE DETAIL

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Structural Units: only broad regional information is generally given for Bushplan Site descriptions for combined remnants in pine plantation

Scattered Native Plants: not assessed

Vegetation Condition: Very Good (Connell 1995)

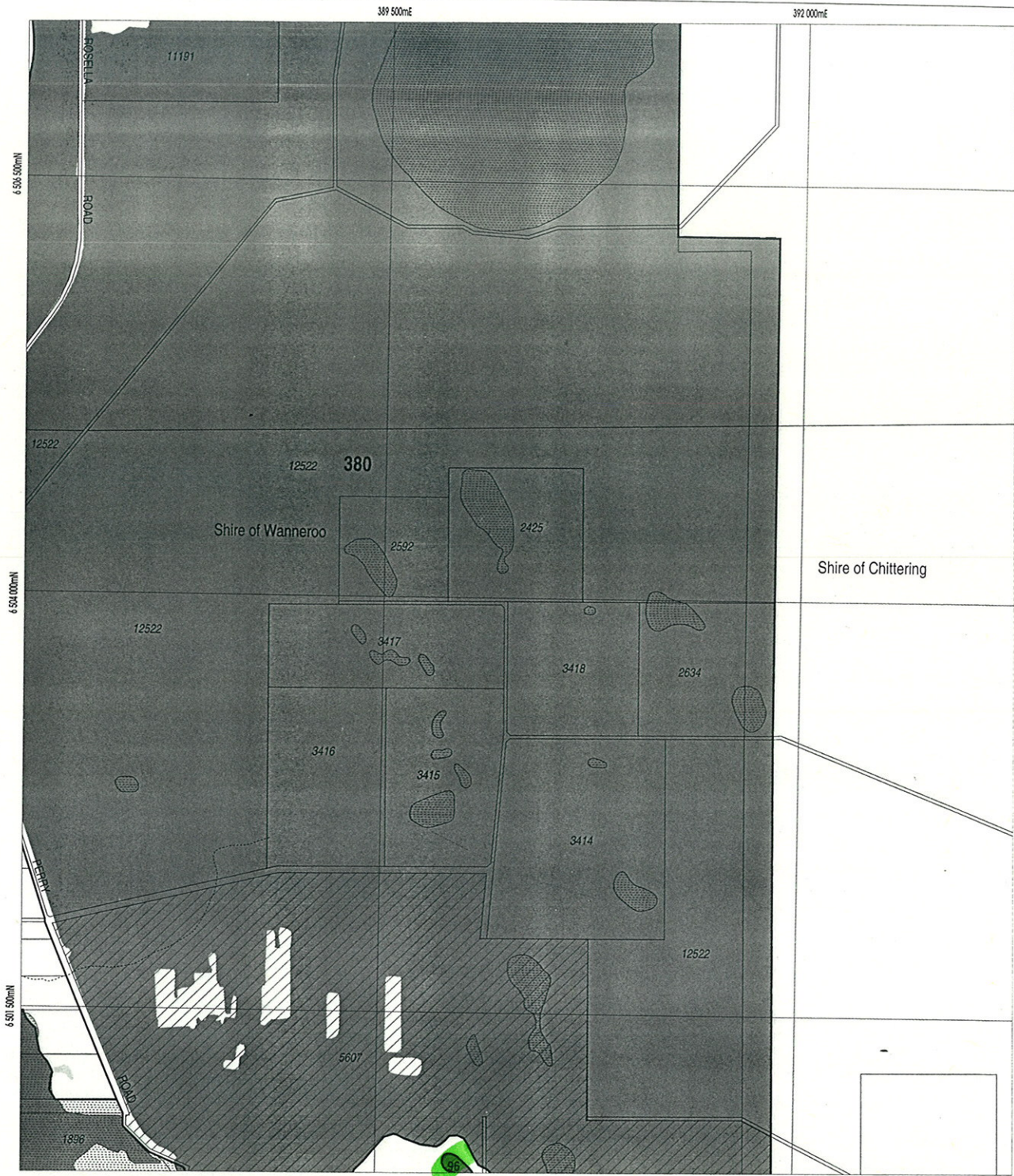
Total Flora: not known

Significant Flora: the Heath/Shrubland limestone vegetation is the easternmost occurrence of its type and warrants further field study

Fauna: no known information

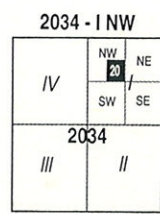
Linkage: adjacent native vegetation south (BS398) of BS434, south (BS459) of BS448, south (BS398) of BS126, north (BS380) of BS96 and north (BS448) of BS459; BS96 is part of contiguous; and BS126 and BS434 are parts of contiguous and fragmented bushland/wetland (Volume 2A, Map 8)

Other Special Attributes: included in Gnangara Park proposal (Bailey 1997)

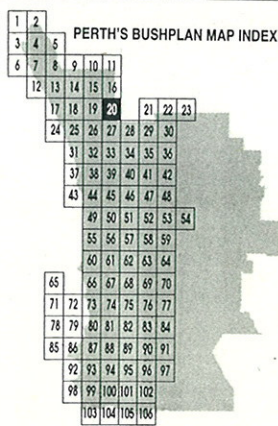


LEGEND

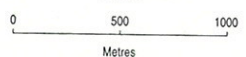
- Bushplan Sites With Regionally Significant Bushland
- Other Native Vegetation
- Conservation Category Wetlands
- Bushplan Sites With Some Existing Protection
- Lot Number, Location Number
- Channel Wetlands
- Local Government Boundary



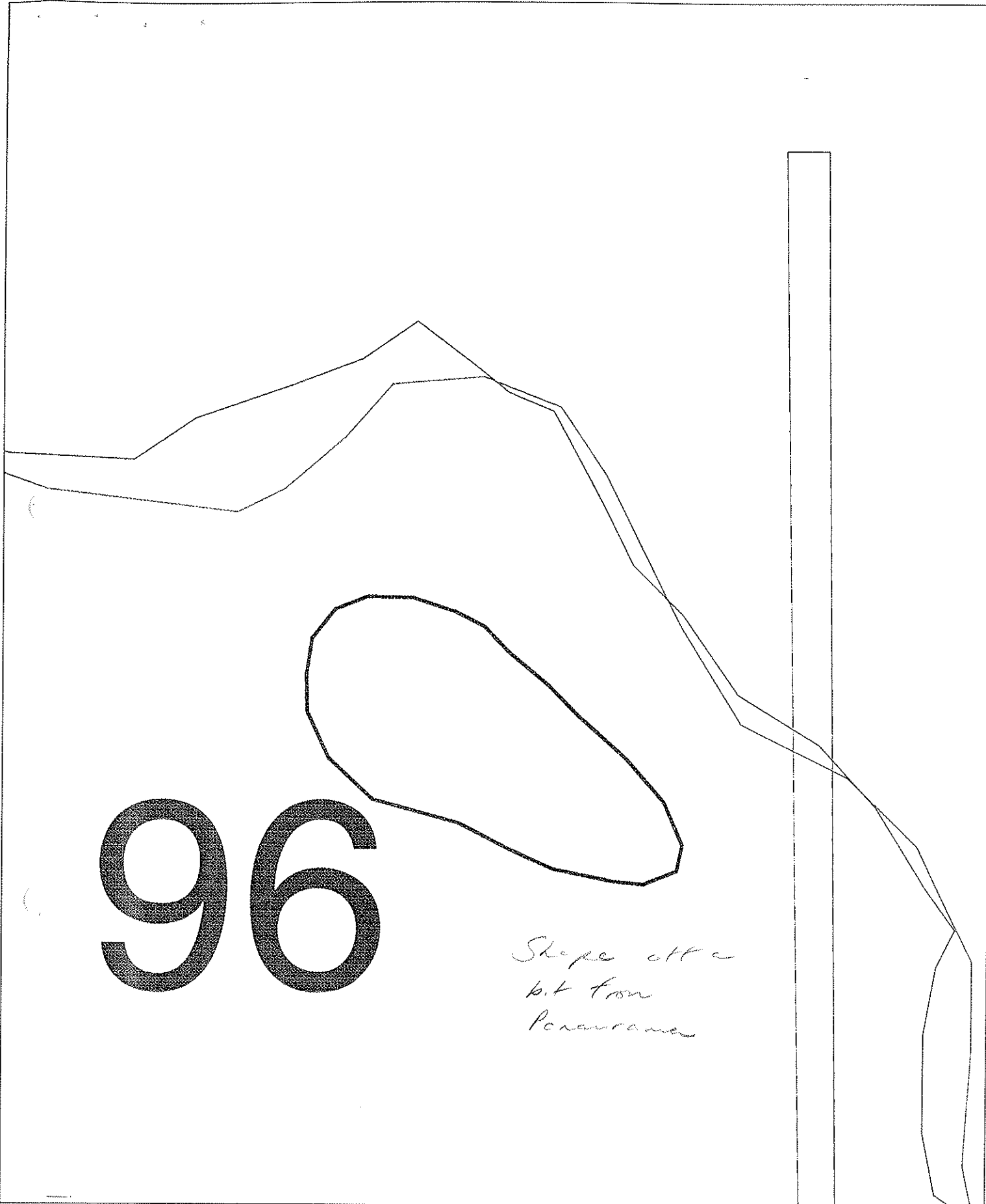
1 : 25 000 AMG Reference Grid showing Perth's Bushplan Map Sheet Breakdown



SCALE



Produced by Project Mapping Section
Land Information Branch, Ministry for
Planning, Perth W.A. November 1998
ntw-map77/enviro/bushplan/bushv2_20.dgn
Cadastral Data supplied by Department
of Land Administration, W.A.
Wetlands Data supplied by
Water and Rivers Commission
Native Vegetation Extent for Study Area
supplied by Agriculture Western Australia



BUSHPLAN SITES CORRECTED



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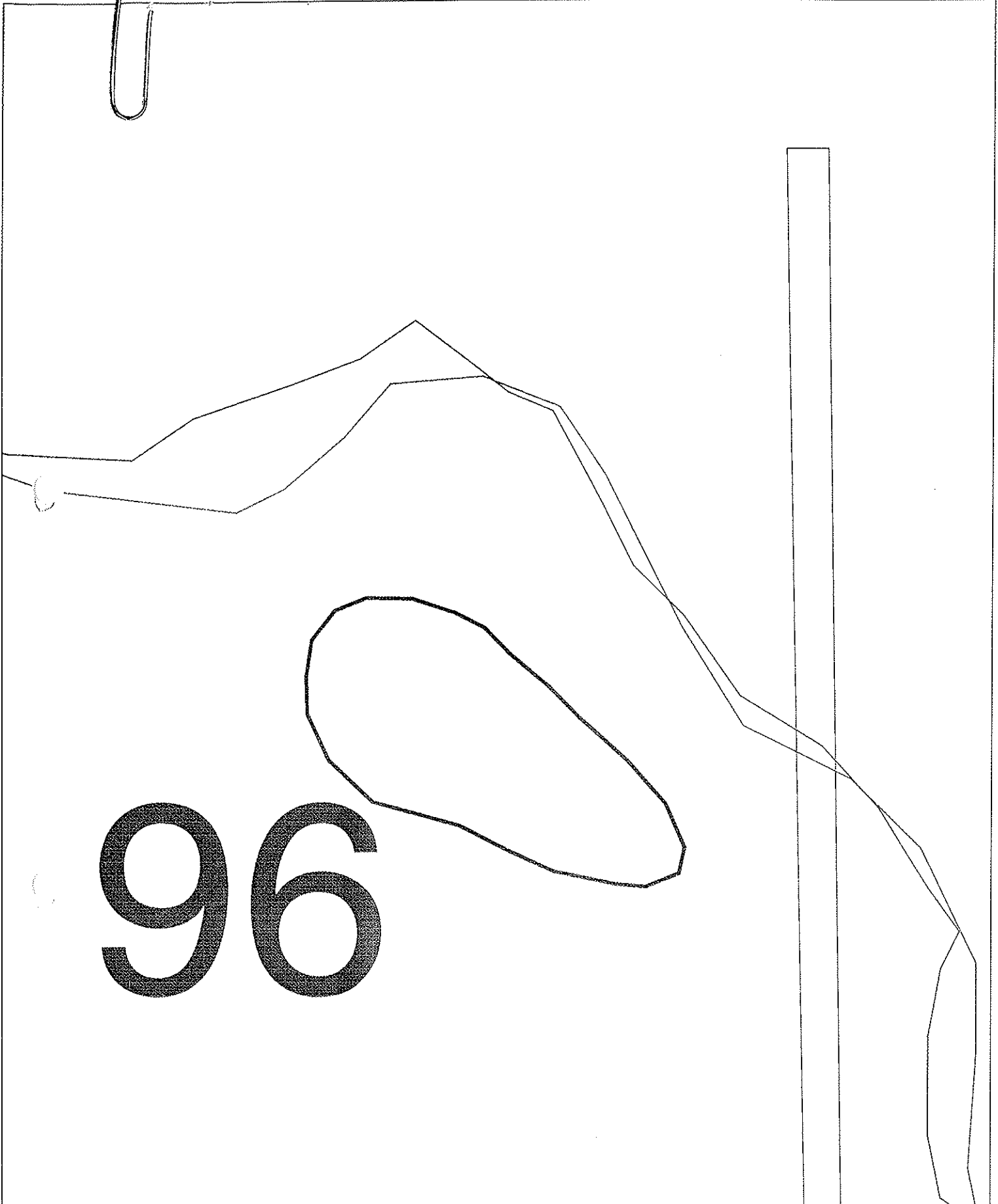
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Metres



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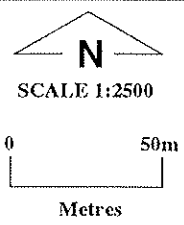
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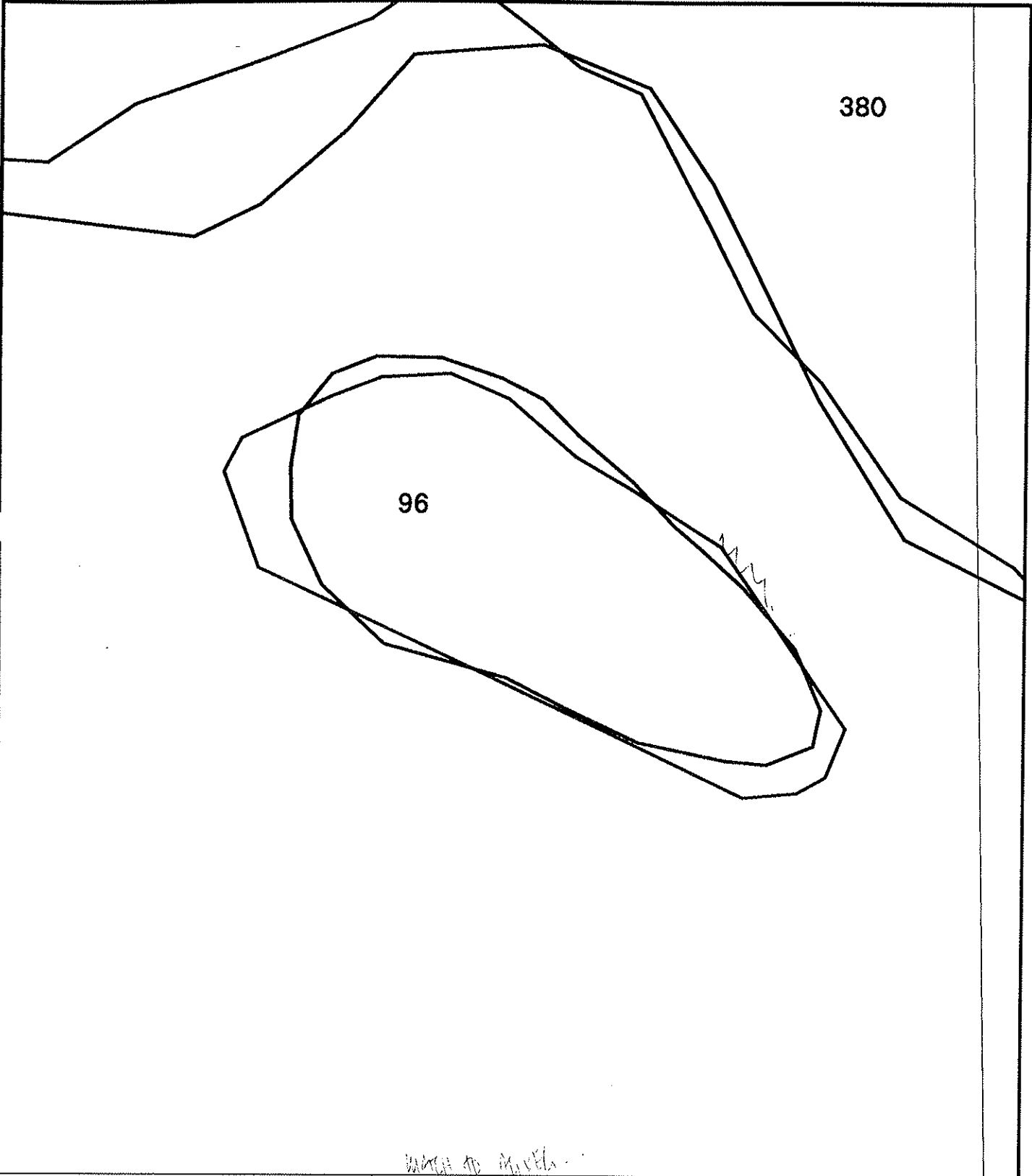


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3, B/TB 27/10/78





380

96

MAPPA AD MURALE

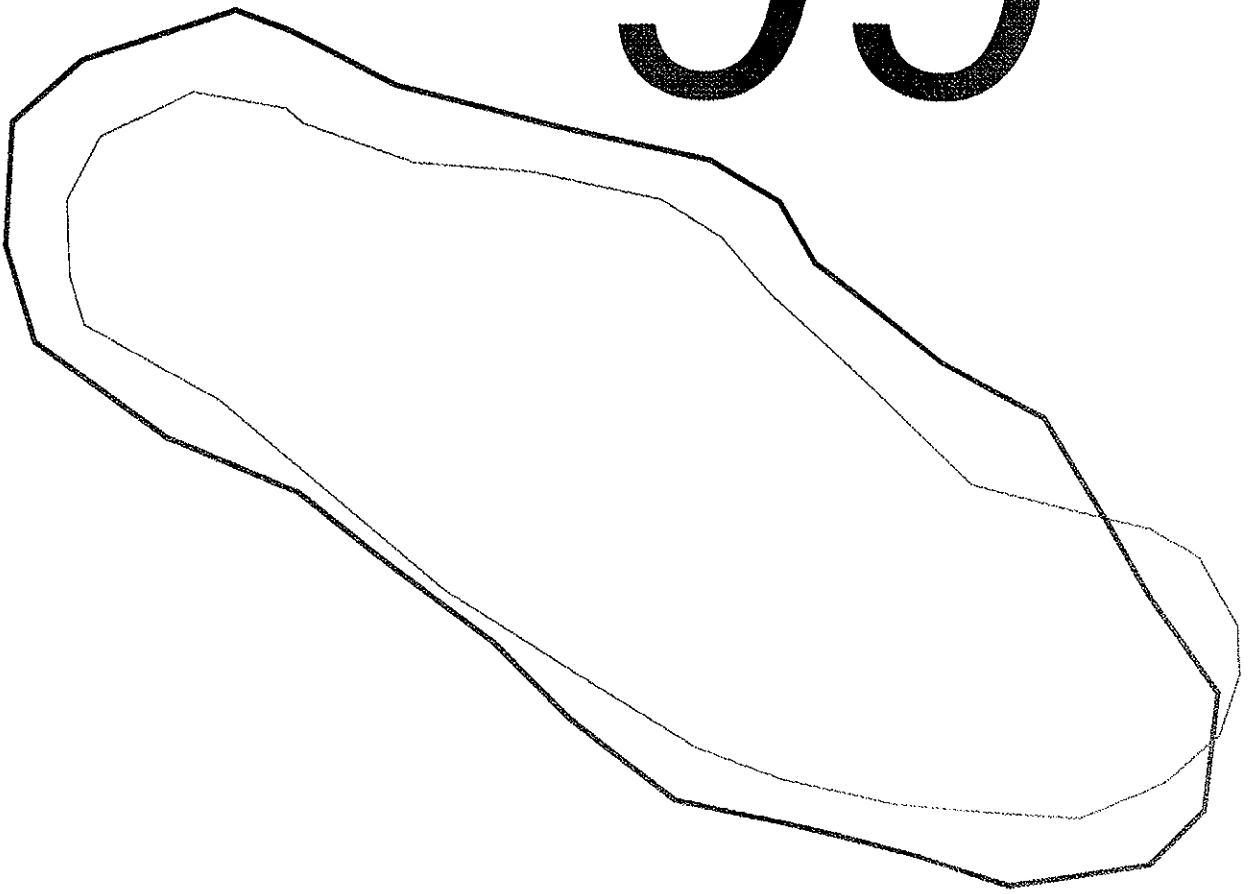
bp site 96

- AG VEG 1998 BOUNDARY THEME
- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY THEME

Giuseppe...

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 Prepared For:
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 Date: 25 May 98
 Scale 1:1963

99



VEGETATED PORTION OF CCW

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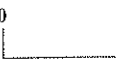
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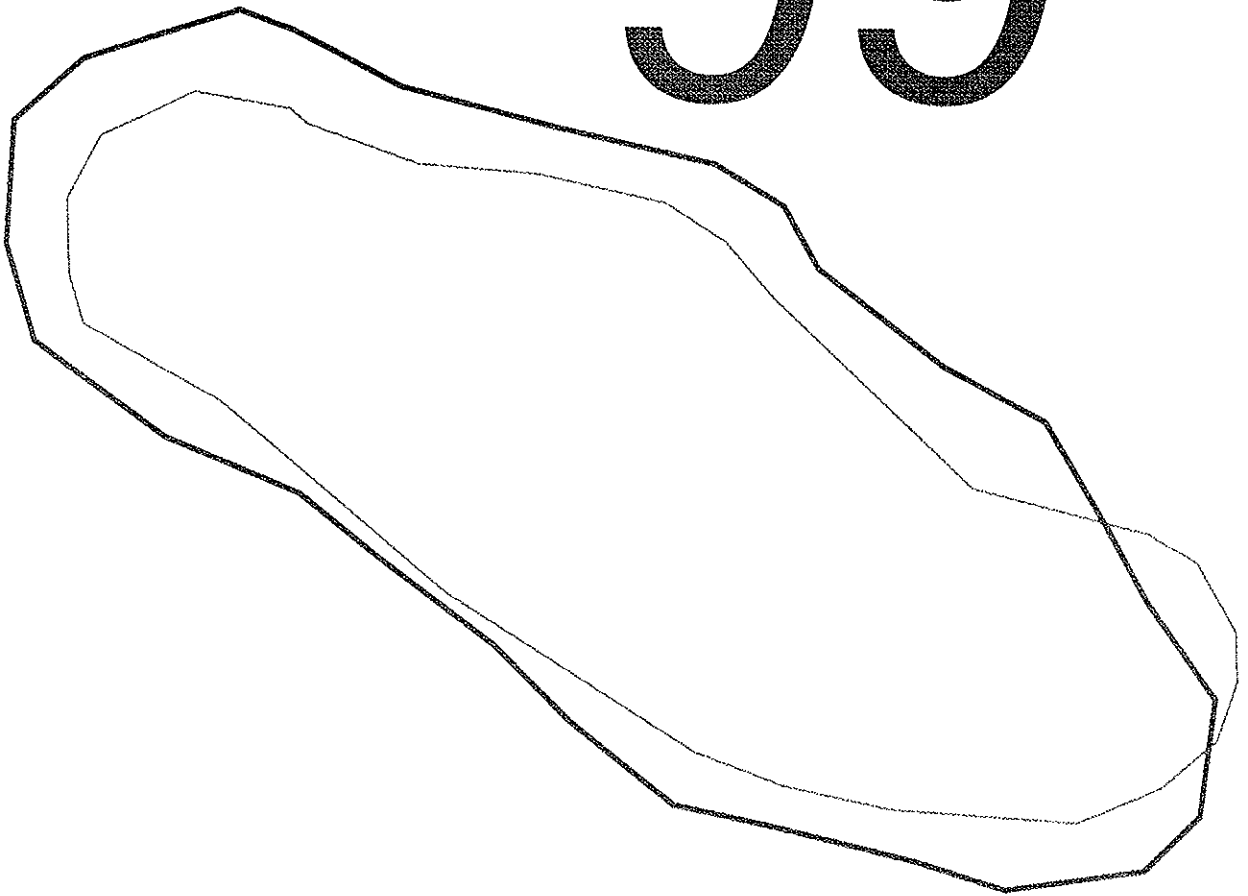


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Metres

99



Shape ?

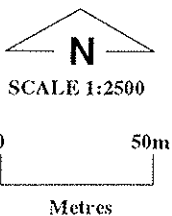
BUSHPLAN SITES CORRECTED



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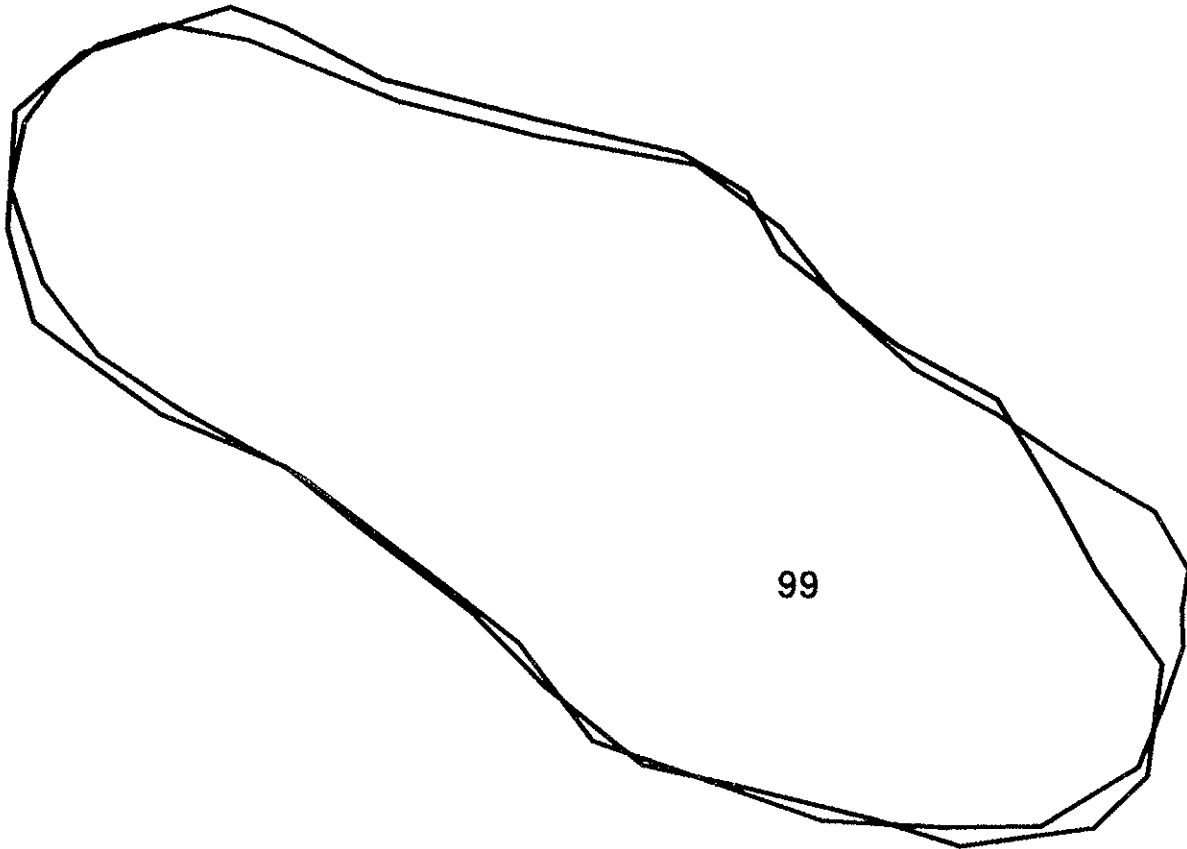
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Metres



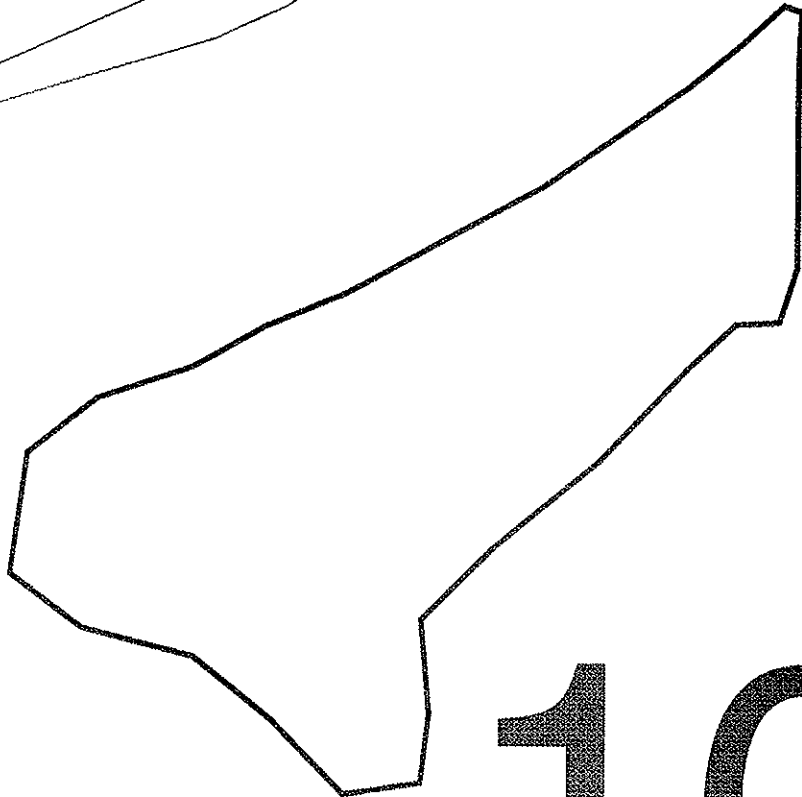
MAPEN TO AG 1998

bp site 99

Existed V

- AG VEG 1998 BOUNDARY THEME
- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY THEME

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|--------------------------------|
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| Map Ident: plot980525_1 |
| Date: 25 May 98 |
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1001

BUSHPLAN SITES CORRECTED

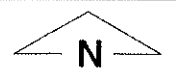


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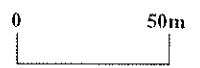


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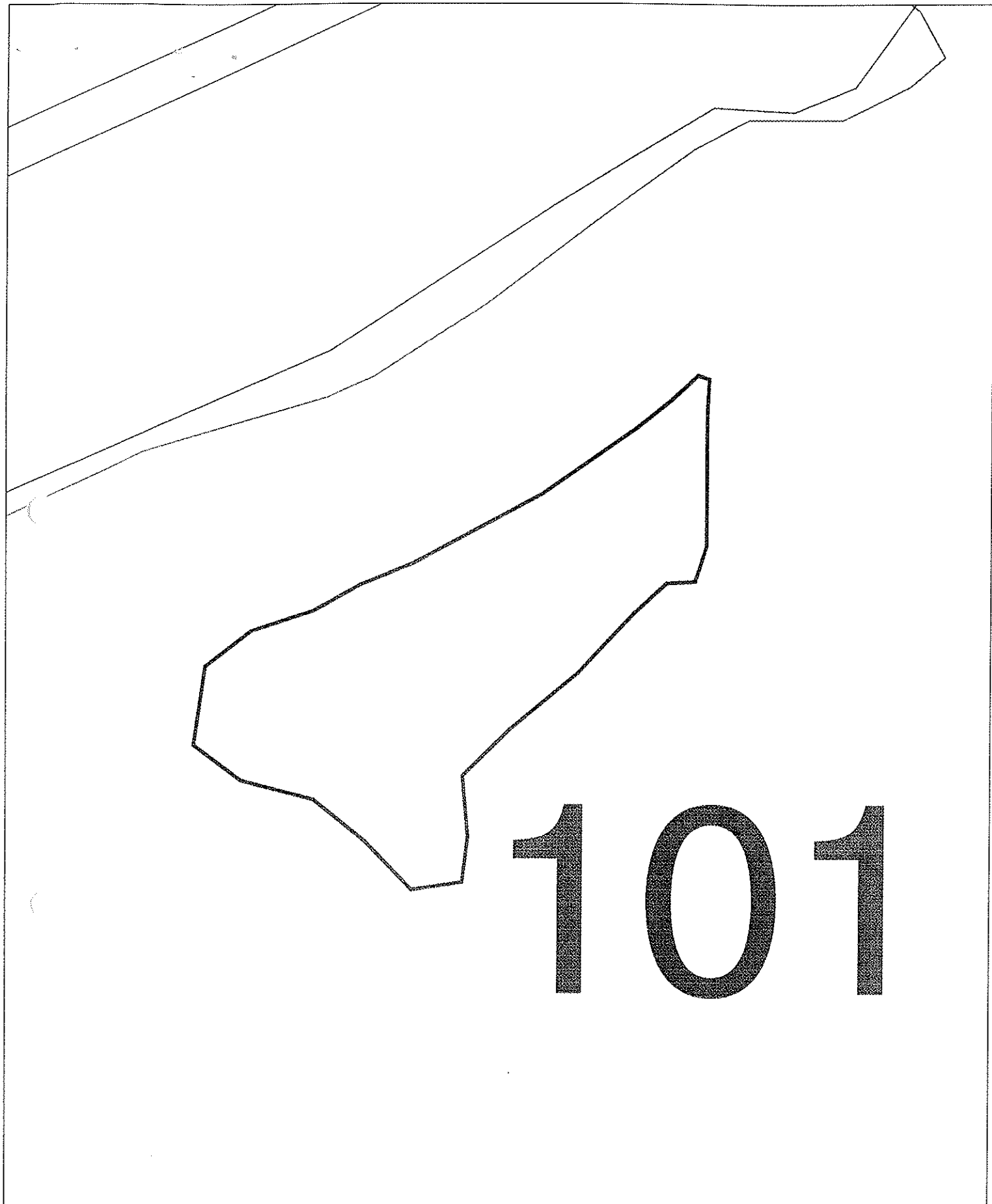
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Metres



1001

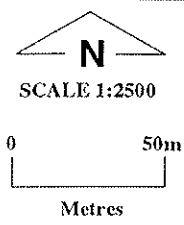
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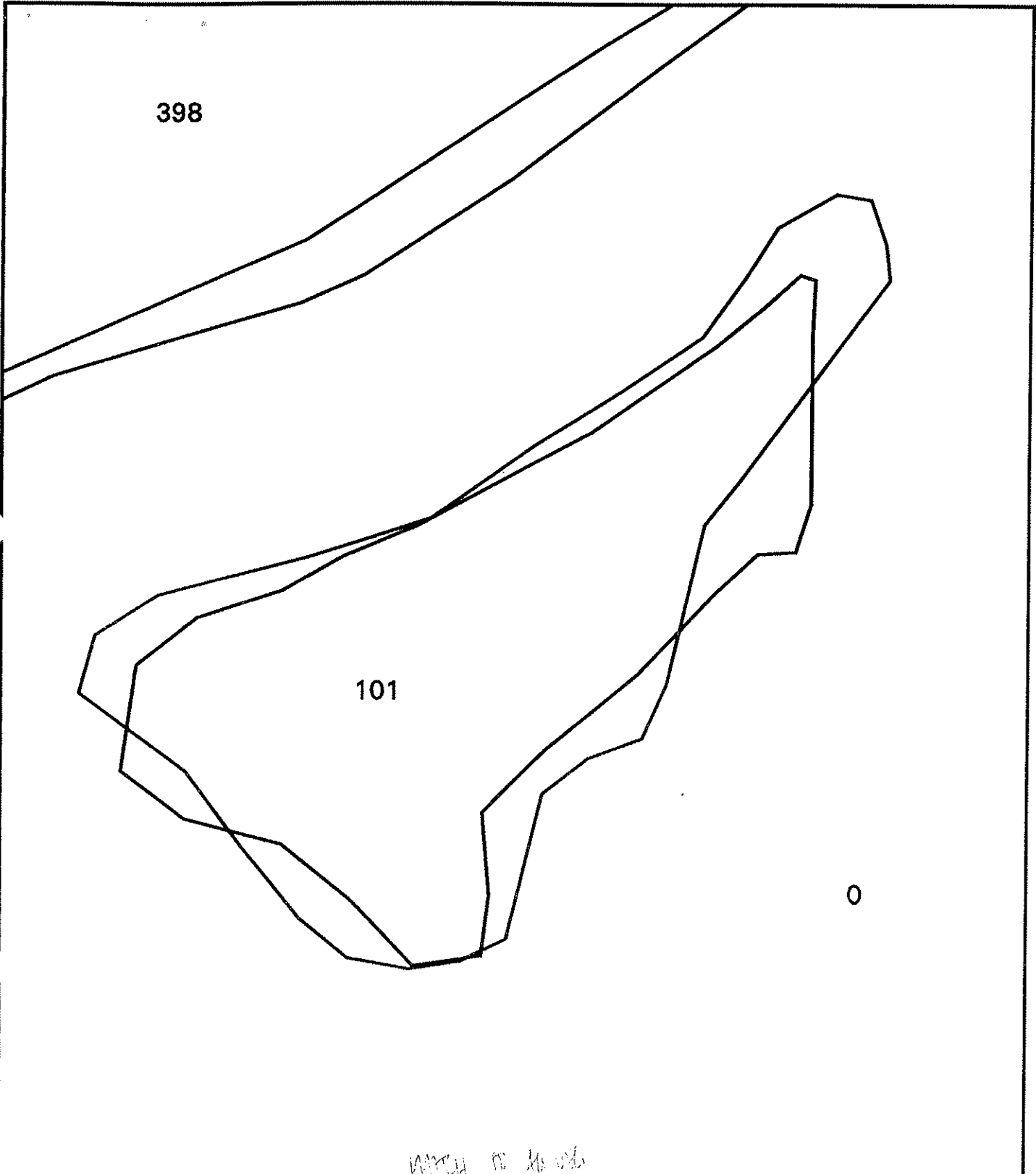


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MAPA DE M. 06

bp site 101

- AG VEG 1998 BOUNDARY THEME
- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY THEME

busplan

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 Scale 1:2064



0102

BUSHPLAN SITES CORRECTED



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Metres

0102

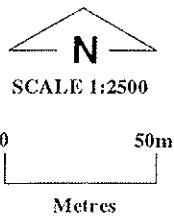
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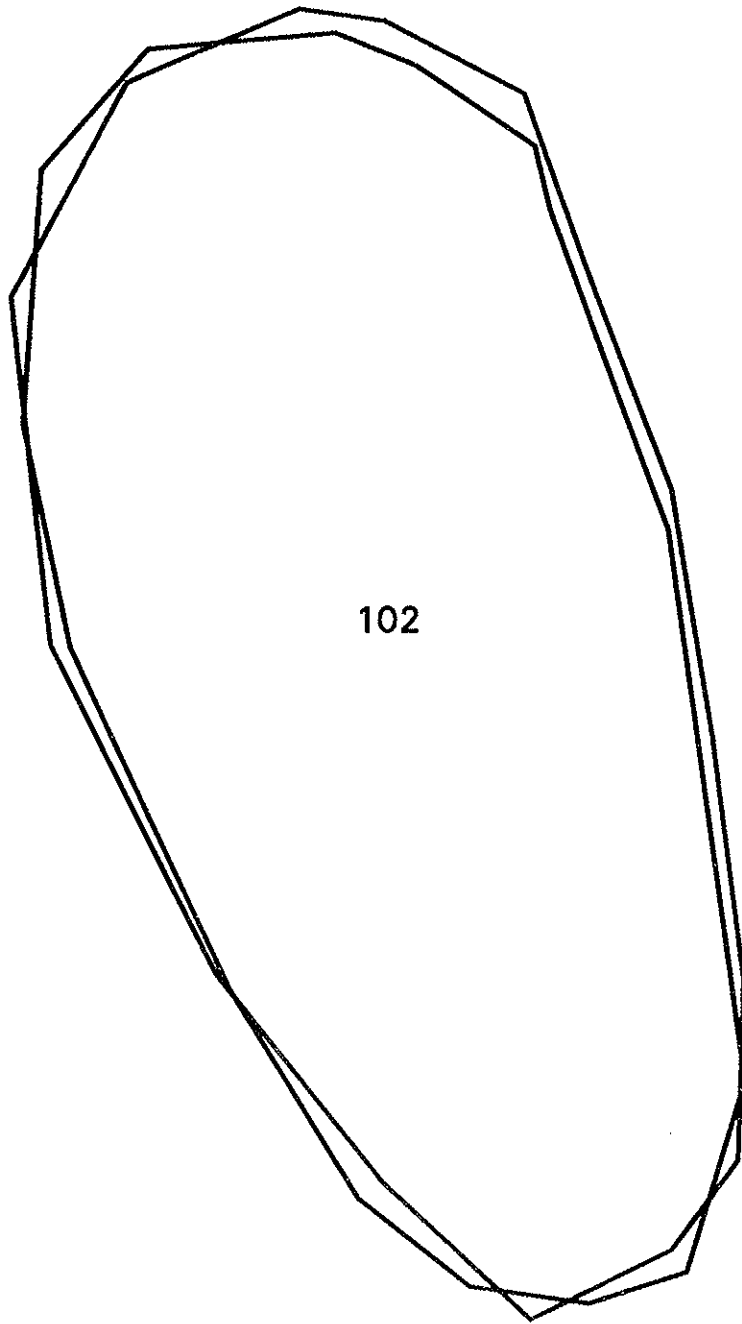


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bp site 102

- AG VEG 1998 BOUNDARY THEME
- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY THEME

Luigi Neri

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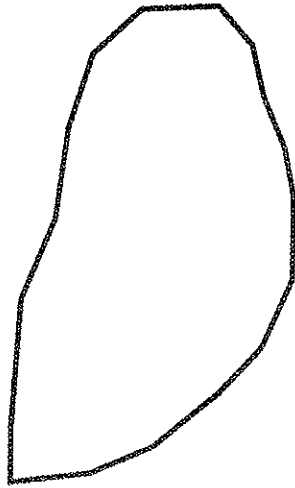
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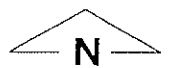
126



BUSHPLAN SITES CORRECTED



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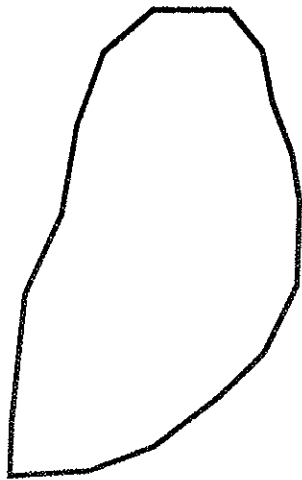


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50m



126



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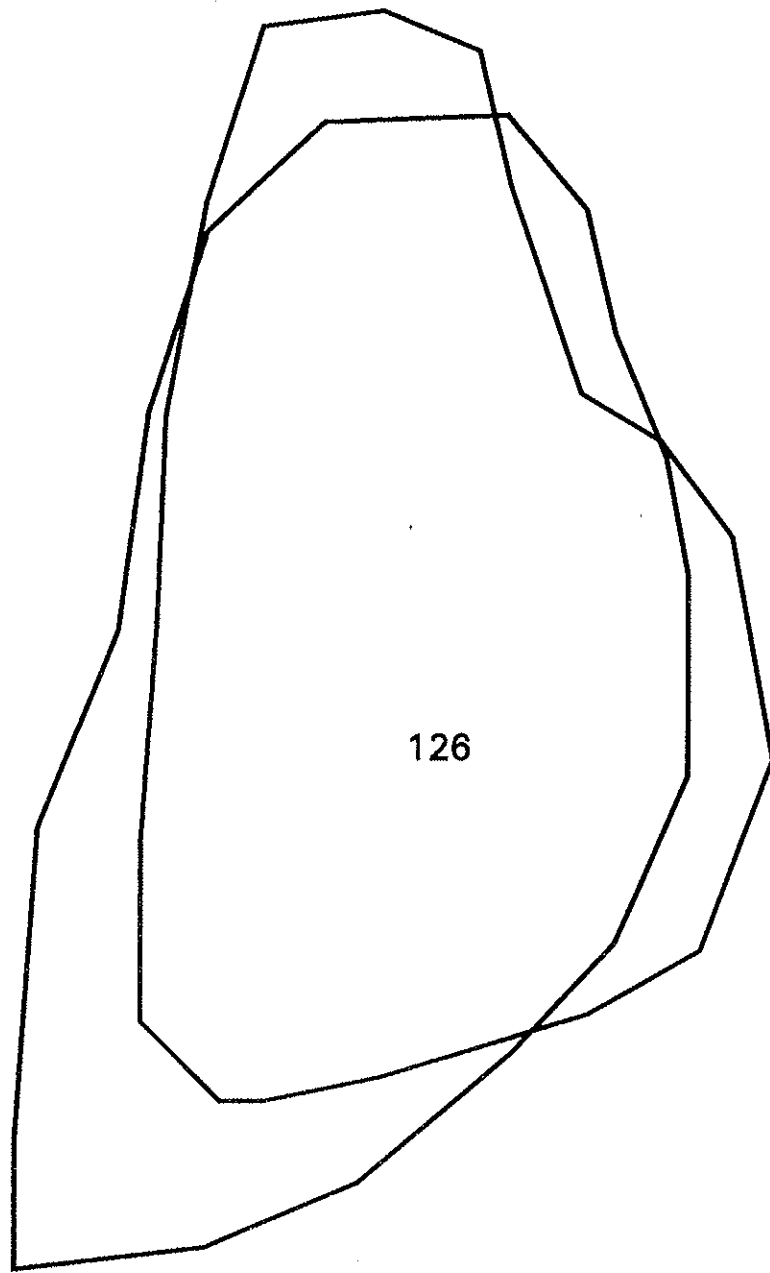
6 62/76 24/10/78



SCALE 1:2500



Metres



bp site 126

- AG VEG 1998 BOUNDARY THEME
- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY THEME

BUSHPLAN

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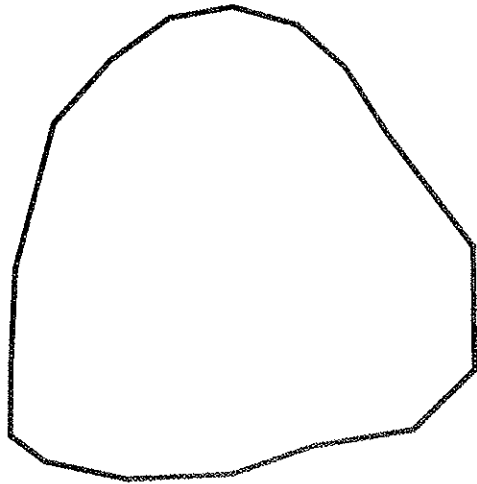
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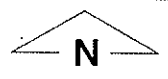


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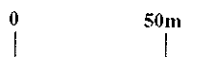


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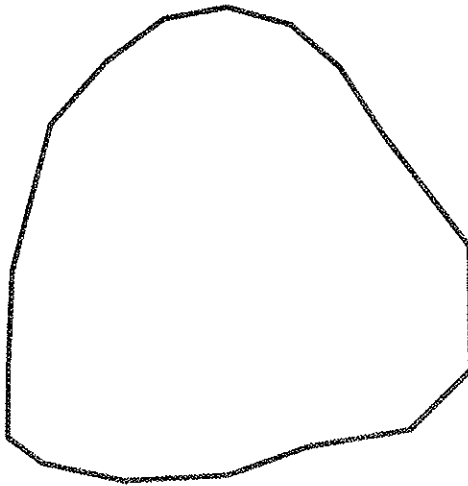


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Metres

103



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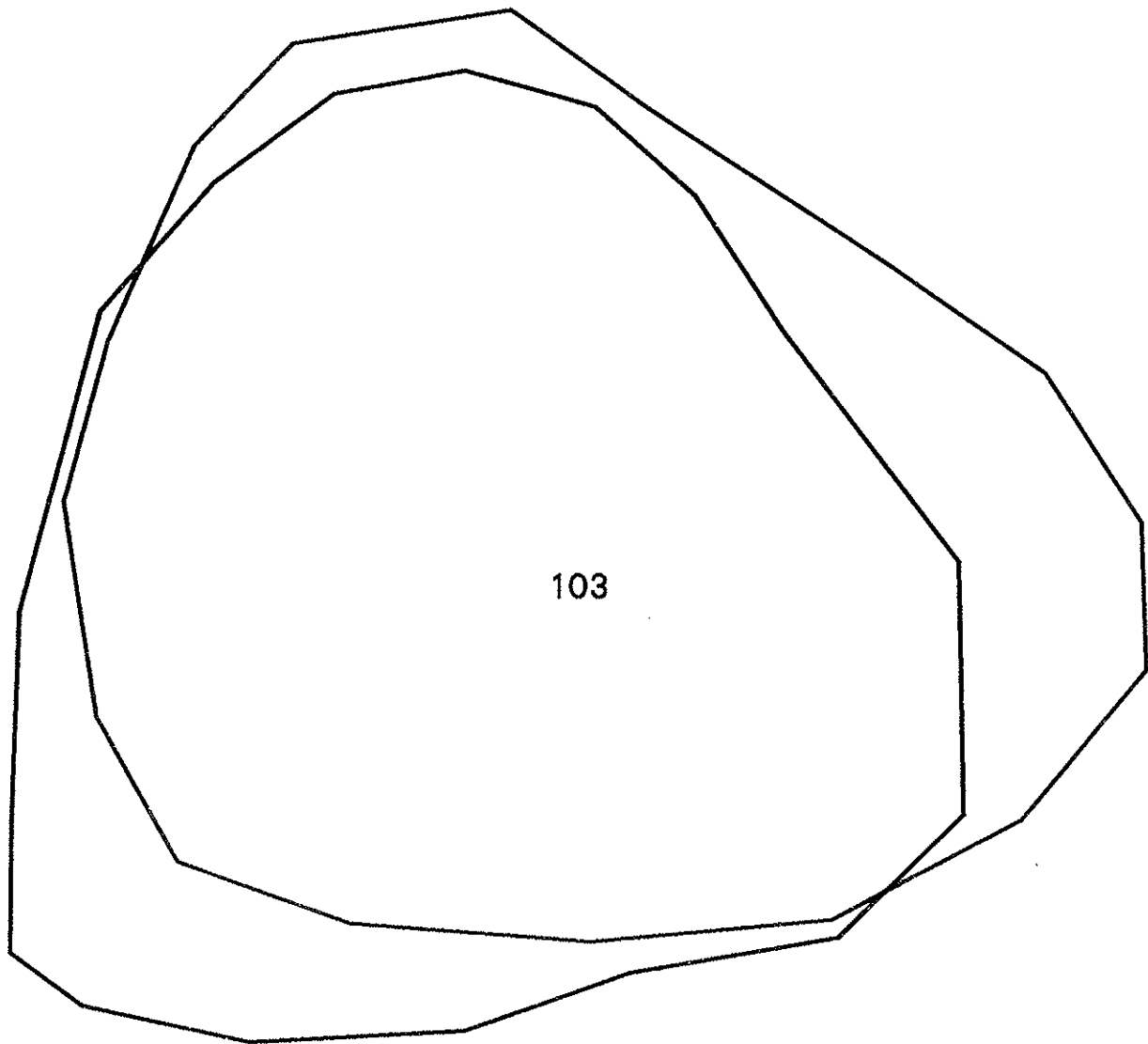
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SCALE 1:2500



Metres



bp site 103

Bushplan

- AG VEG 1998 BOUNDARY THEME
- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY THEME

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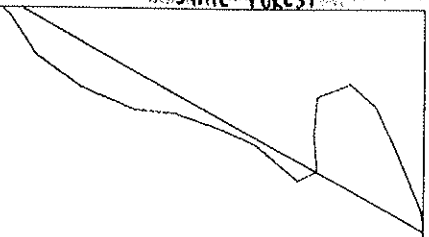
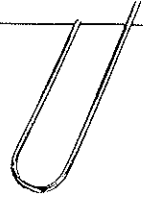
Prepared By: Andrea Zappacosta

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Map Ident: plot980525_4

Date: 25 May 98

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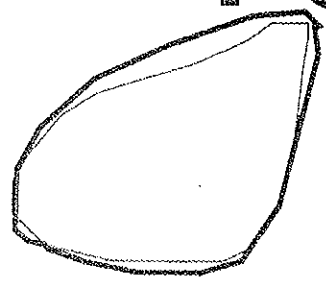
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105



106



BUSHPLAN SITES CORRECTED



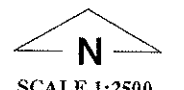
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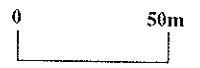
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SEE NEXT PAGE FOR 107/108

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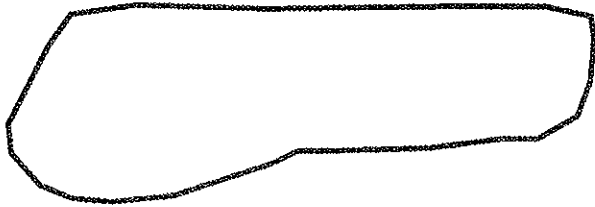


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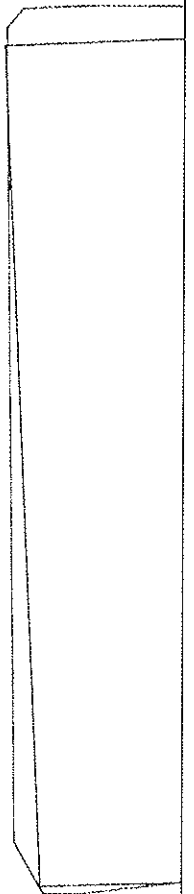


Metres

107



108



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Metres

104



105



106



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



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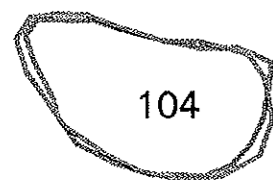
Metres

bp sites
104-108

BULLISWOOD

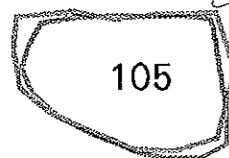
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-  Cadastre
-  Bushplan sites refno 1-500 SCP BOUNDARY THEME
-  cons category wetlands

398

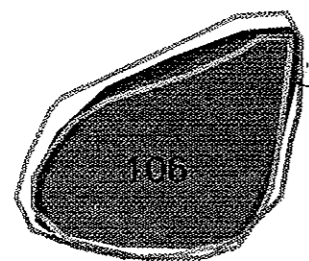


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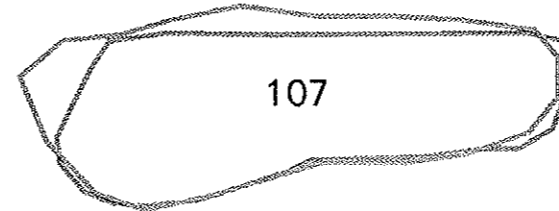
MAP TO
EXTENT
OF AgVEL.



105

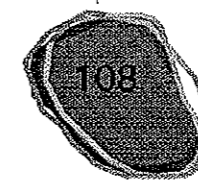


106



107

MAP TO EXTENT OF
- cons CAT wetlands
- Ag VEG
(WHICHEVER LINES GREATEST EXTENT)



108


Map Ident: plot980525_4

Prepared By: Andrea Zappacosta

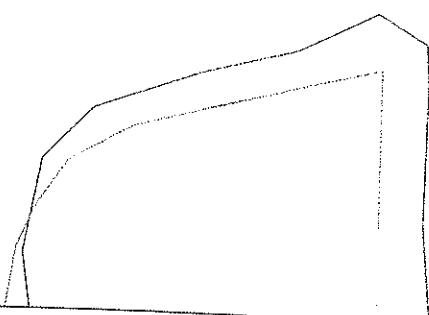
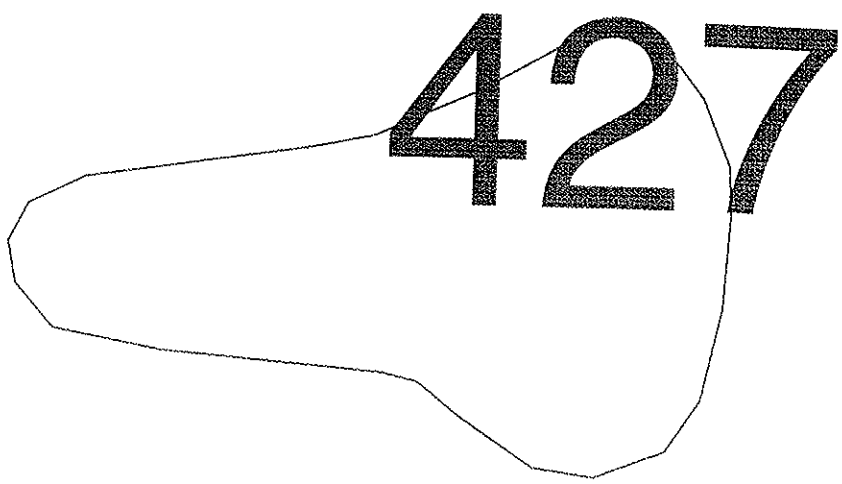
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Date: 25 May 98

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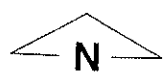
BUSHPLAN SITES CORRECTED



WESTERN AUSTRALIAN PLANNING COMMISSION

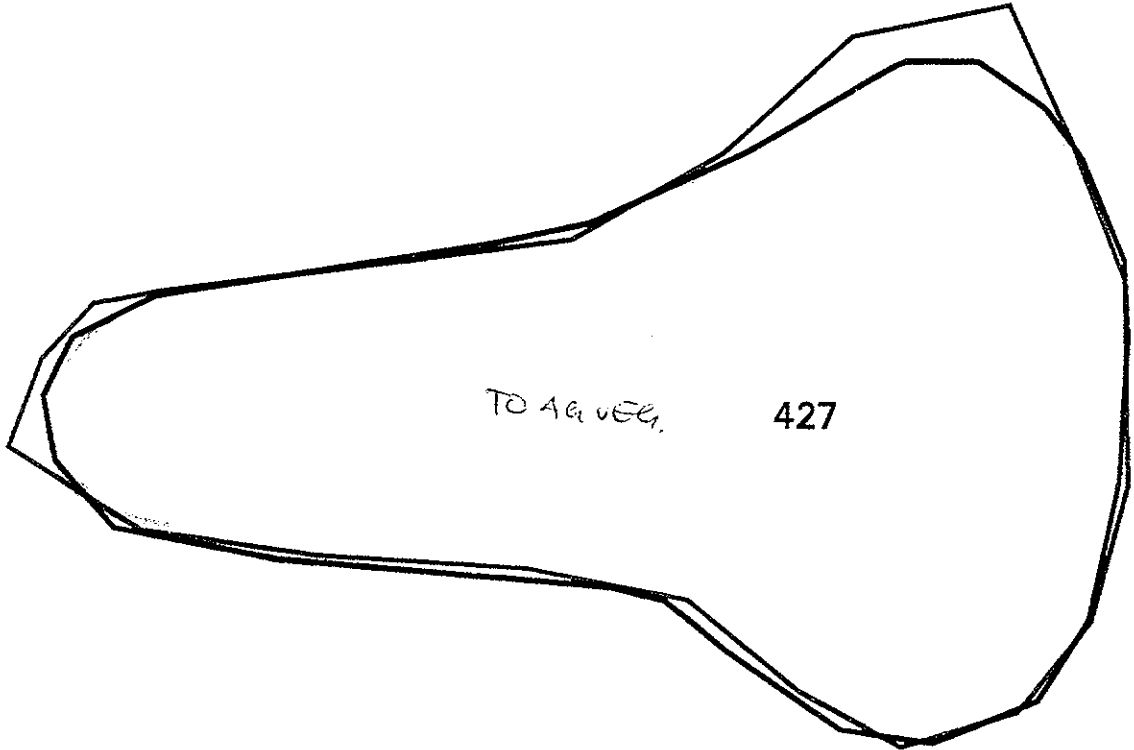


B.K./76 22/10/08



bp site 427

- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY
- AG VEG 1998 BOUNDARY THEME



OK BJK
23/9

| |
|--------------------------------|
| MFP INTERNAL USE ONLY |
| Prepared By: Andrea Zappacosta |
| Prepared For: |
| Map Ident: plot980608_1 |
| Date: 08 Jun 98 |
| Scale 1: 1240 |

467

432

BUSHPLAN SITES CORRECTED

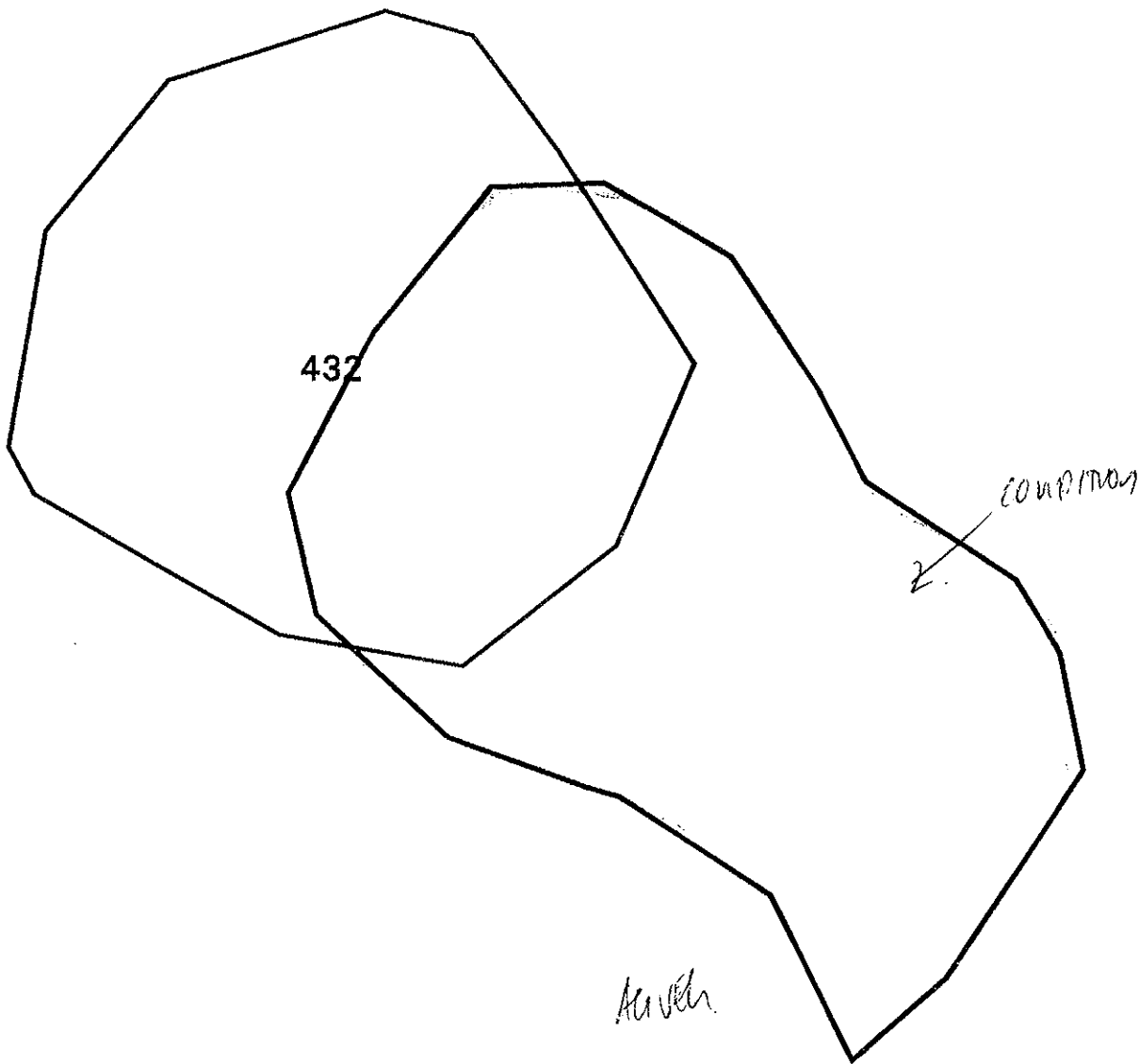


WESTERN AUSTRALIAN PLANNING COMMISSION



b BC/TA 28/02/98





bp site 432

- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY THEME
- AG VEG 1998 BOUNDARY THEME

22/9 Not sure which this is
 of the 'blobs' in the pines
 but looks like wetland.

OK EJK

MFP INTERNAL USE ONLY

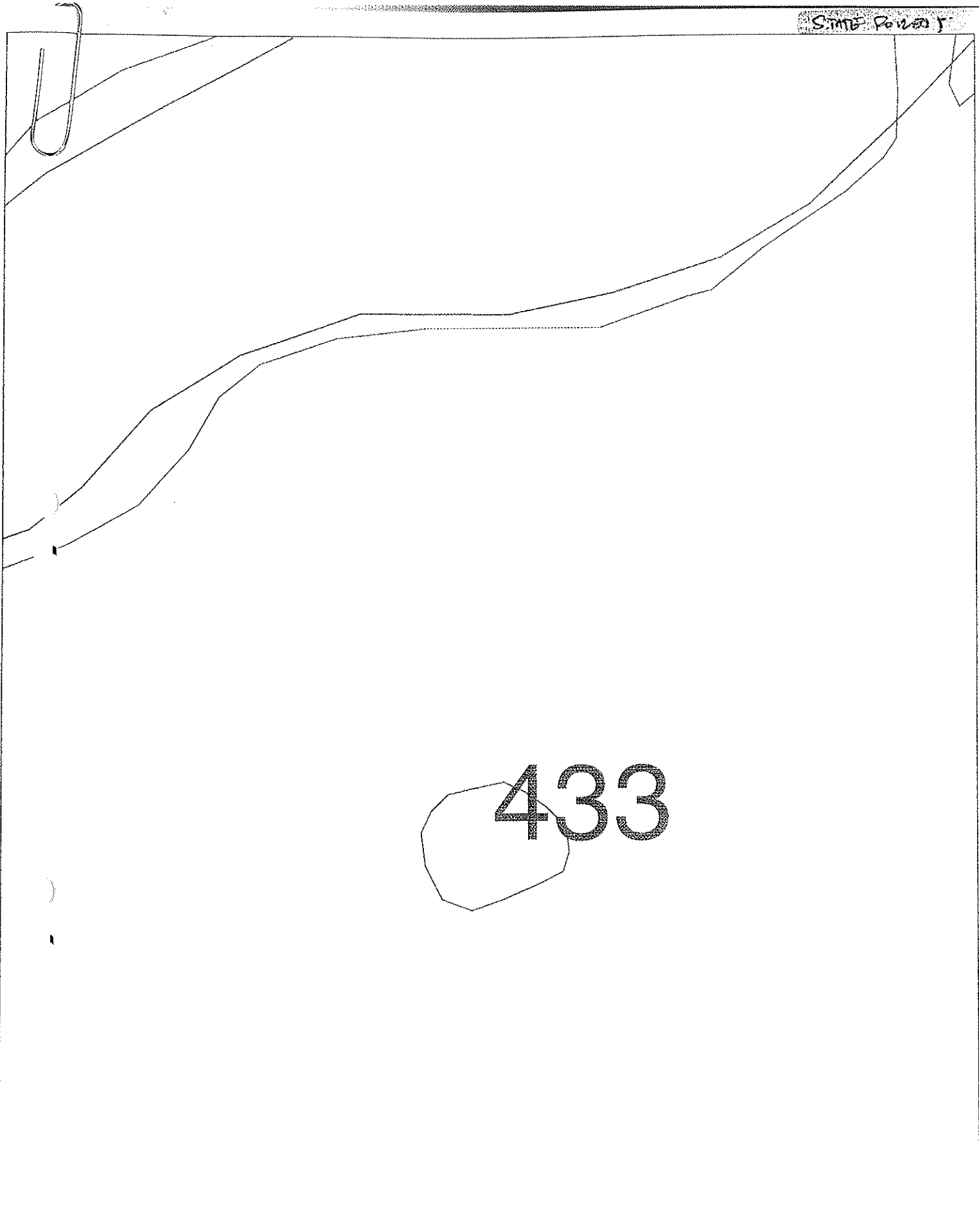
Prepared By: Andrea Zappacosta

Prepared For:

Map Ident: plot980608_1

Date: 08 Jun 98

Scale 1:894



433

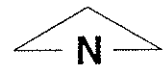
BUSHPLAN SITES CORRECTED

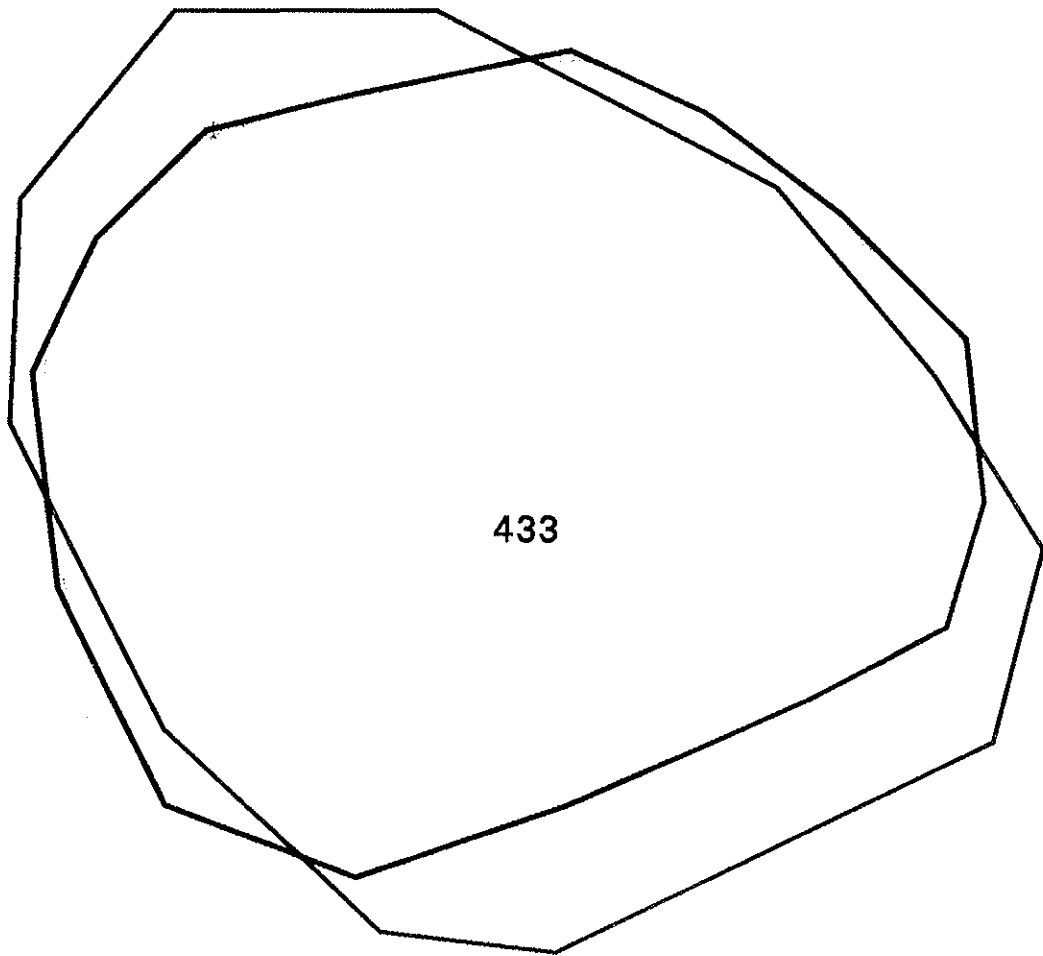


WESTERN AUSTRALIAN PLANNING COMMISSION



B 22/10/98
BK/KC





THIS NUMBER HAS
BEEN USED FOR CARNAL
ISLAND IN YOUR
LIST OF SITES & NUMBERS

bp site 433

- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY THEME
- AG VEG 1998 BOUNDARY THEME

MFP INTERNAL USE ONLY

Prepared By: Andrea Zappacosta

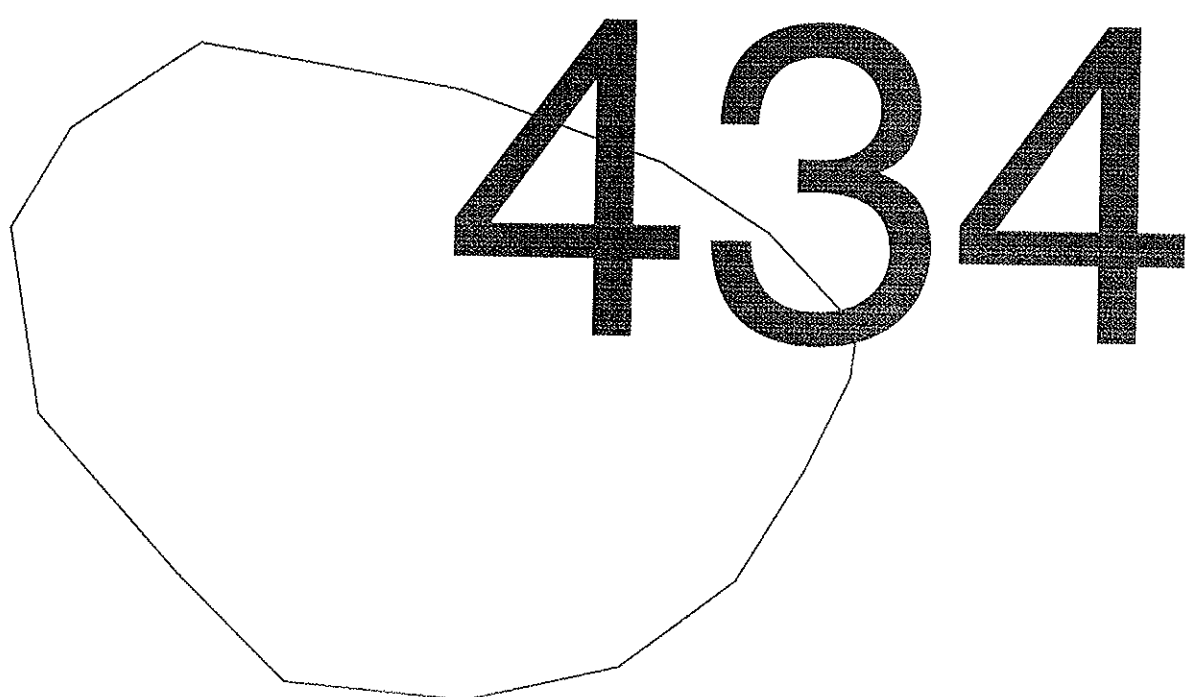
Prepared For:

Map Ident: plot980608_1

Date: 08 Jun 98

Scale 1:750

OK BJK 23/9



BUSHPLAN SITES CORRECTED

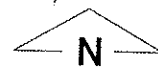


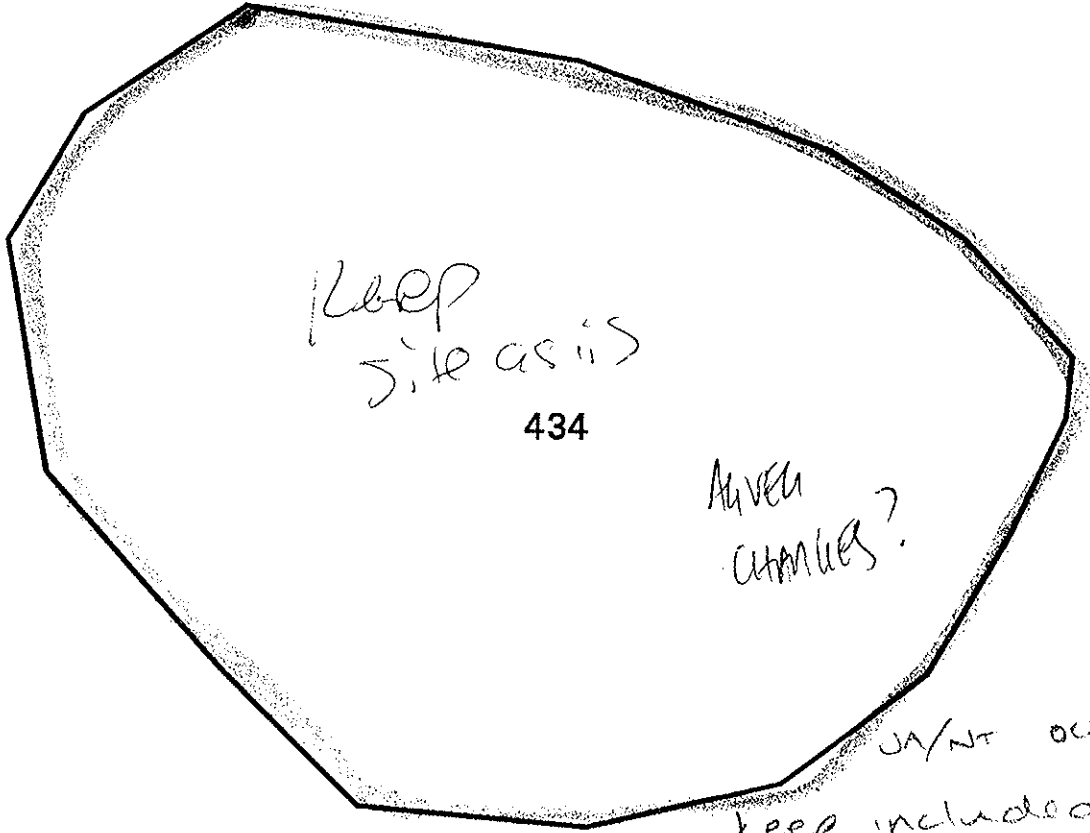
WESTERN
AUSTRALIAN
PLANNING
COMMISSION



CUSTOMER
FOCUS
WESTERN AUSTRALIA

B 10/PR 22/10/96





Keep site as is
434

AG VEG
CHANGES?

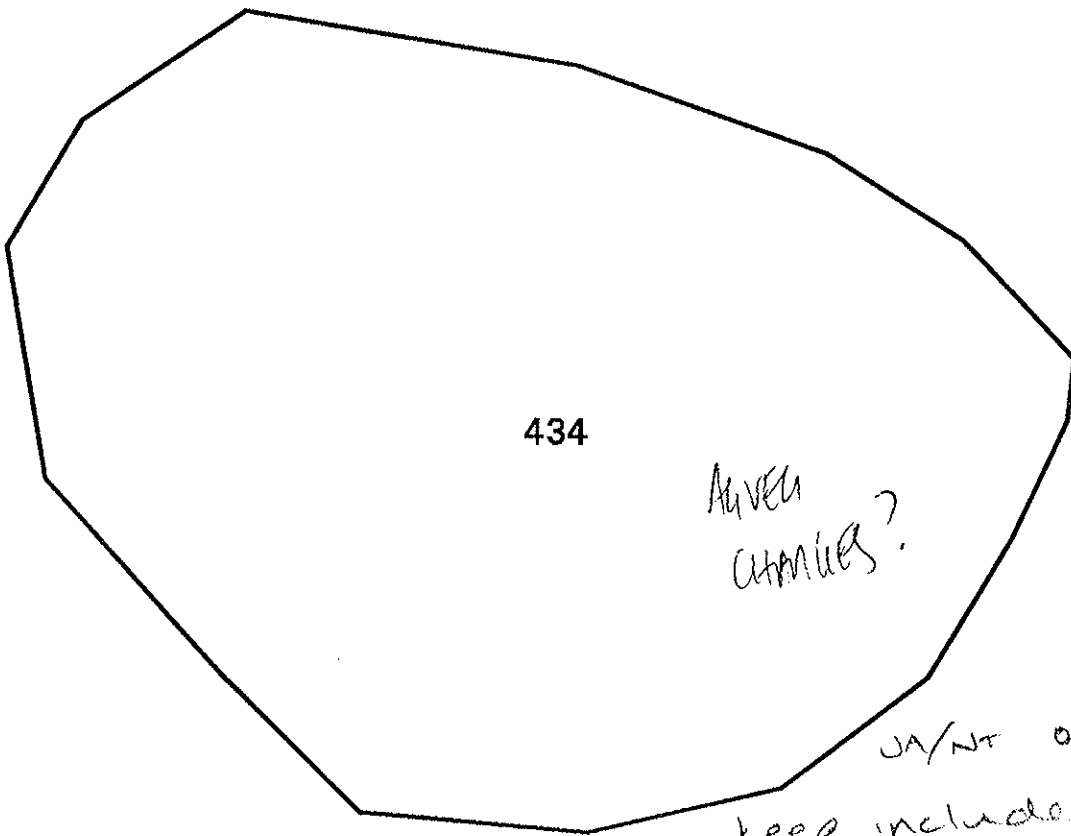
Keep included
1996 cons cat wetland
vegetation 75c
2034 1SE
Veg wrong not mapped

U/I

bp site 434

- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY THEME
- AG VEG 1998 BOUNDARY THEME

| |
|--------------------------------|
| MFP INTERNAL USE ONLY |
| Prepared By: Andrea Zappacosta |
| Prepared For: |
| Map Ident: plot980608_1 |
| Date: 08 Jun 98 |
| Scale 1:912 |



434

AG VEG
CHANNELS?

JA/NT 04/1

keep included
1996 cons cat wetland
vegetated 75c
2034 1SE
Veg wrong - not mapped

bp site 434



Cadastre



Bushplan sites refno 1-500 SCP BOUNDARY THEME



AG VEG 1998 BOUNDARY THEME

MFP INTERNAL USE ONLY

Prepared By: Andrea Zappacosta

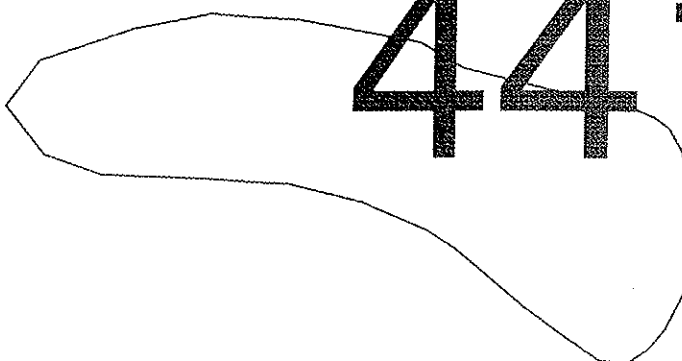
Prepared For:

Map Ident: plot980608_1

Date: 08 Jun 98

Scale 1:912

441



BUSHPLAN SITES CORRECTED



WESTERN AUSTRALIAN PLANNING COMMISSION

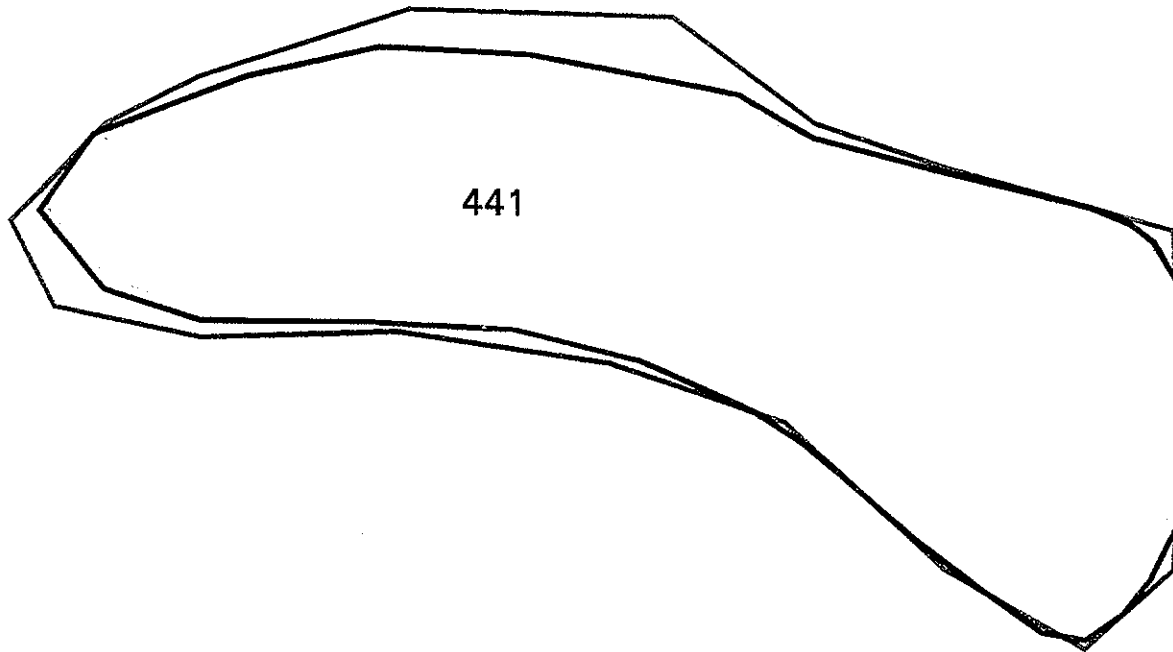


CUSTOMER FOCUS WESTERN AUSTRALIA

P. EK/NR 2/10/98.



bp site 441



- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY
- AG VEG 1998 BOUNDARY THEME

OK EJK 23/7

MFP INTERNAL USE ONLY

Prepared By: Andrea Zappacosta

Prepared For:

Map Idnt: plot980608_1

Date: 08 Jun 98

Scale 1: 1133

448

459

461

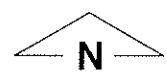
BUSHPLAN SITES CORRECTED

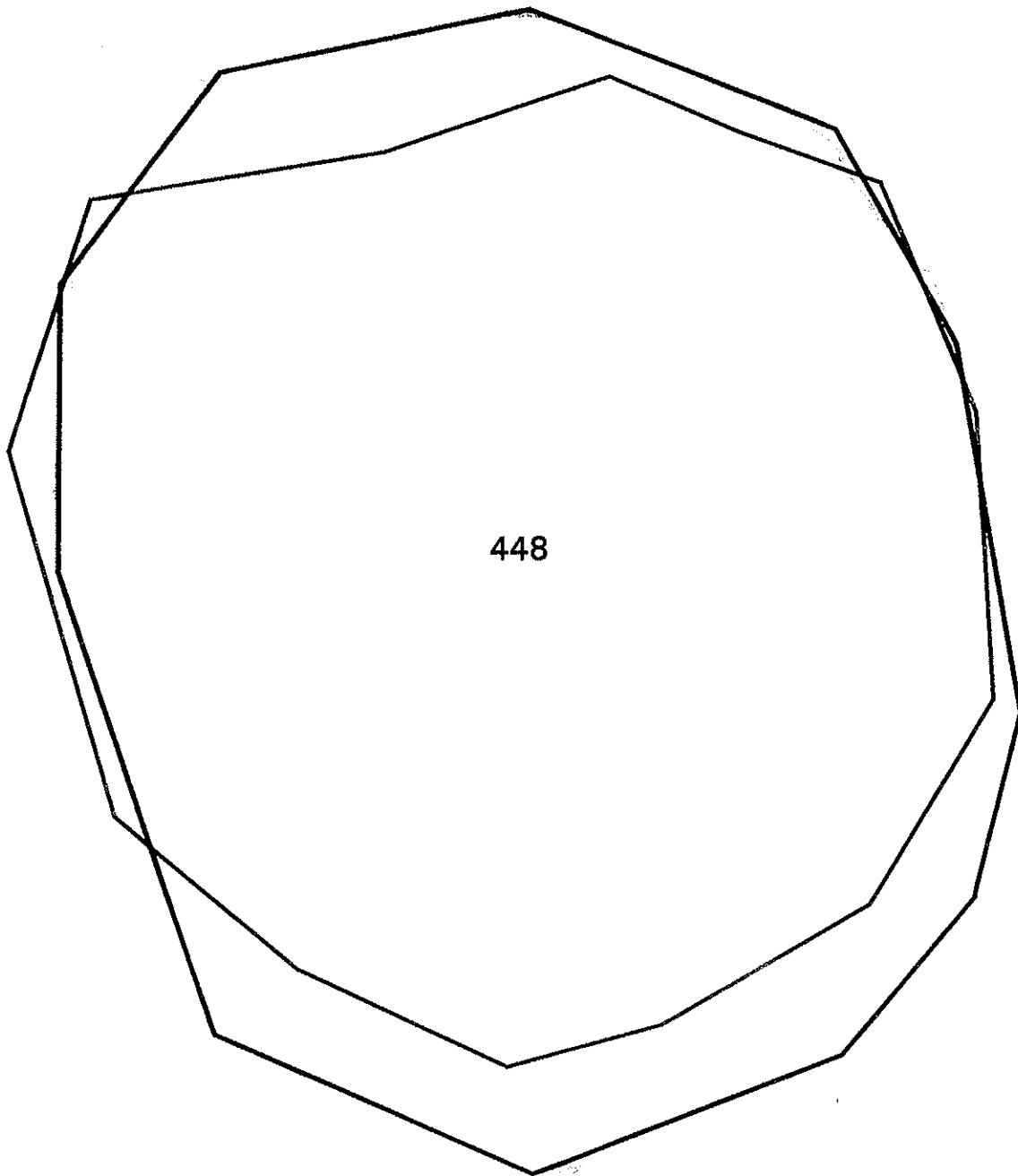


WESTERN AUSTRALIAN PLANNING COMMISSION



1 16/02 22/10/17





bp site 448



Cadastre



Bushplan sites refno 1-500 SCP BOUNDARY THEME



AG VEG 1998 BOUNDARY THEME

05/12 23/9

*As for 432 I am not sure
of the exact location, but
these are well known 50
or :*

MFP INTERNAL USE ONLY

Prepared By: Andrea Zappacosta

Prepared For:

Map Ident: plot980608_1

Date: 08 Jun 98

Scale 1:550

450

BUSHPLAN SITES CORRECTED



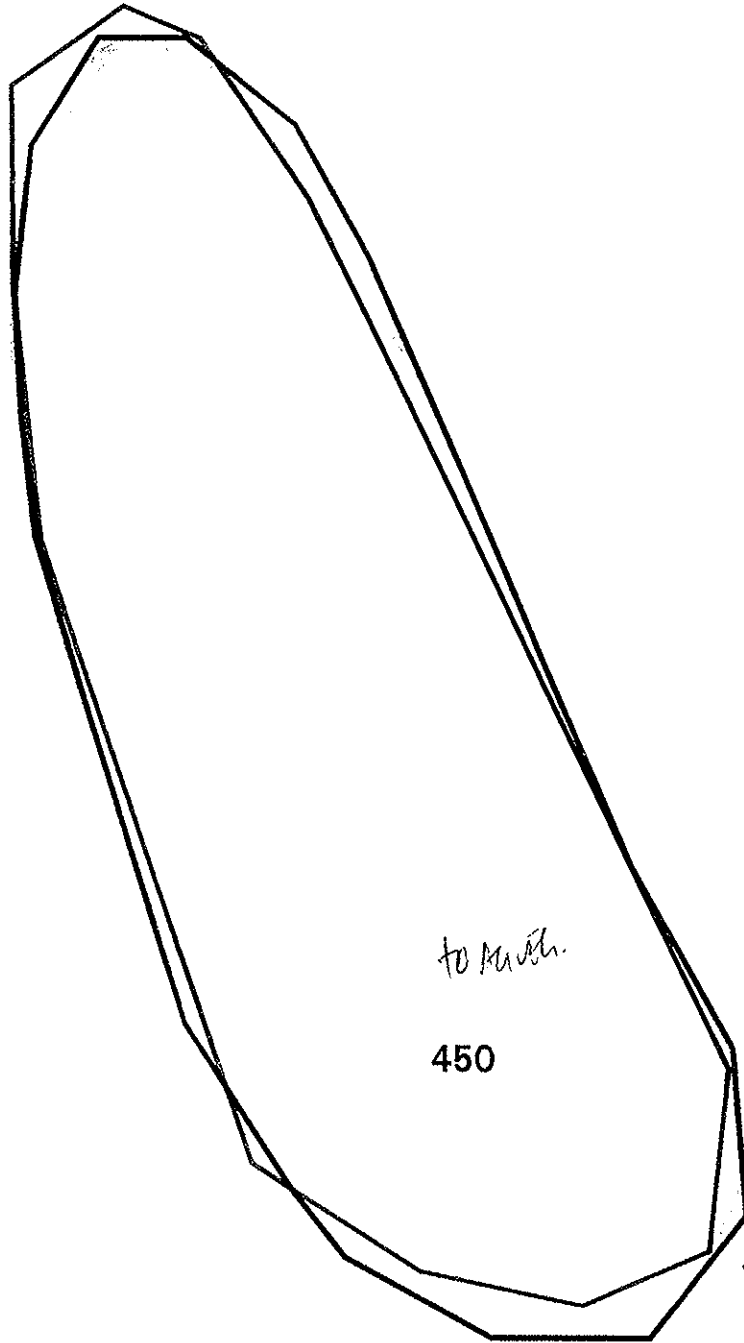
WESTERN AUSTRALIAN PLANNING COMMISSION



CUSTOMER FOCUS WESTERN AUSTRALIA

b 64/79 22/10/98





bp site 450

- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY THEME
- AG VEG 1998 BOUNDARY THEME

*OK CSK 23/9
 shape seems a bit odd
 but OK as small area
 in pink*

MFP INTERNAL USE ONLY

Prepared By: Andrea Zappacosta

Prepared For:

Map Ident: plot980608_1

Date: 08 Jun 98

Scale 1:1186

452

BUSHPLAN SITES CORRECTED

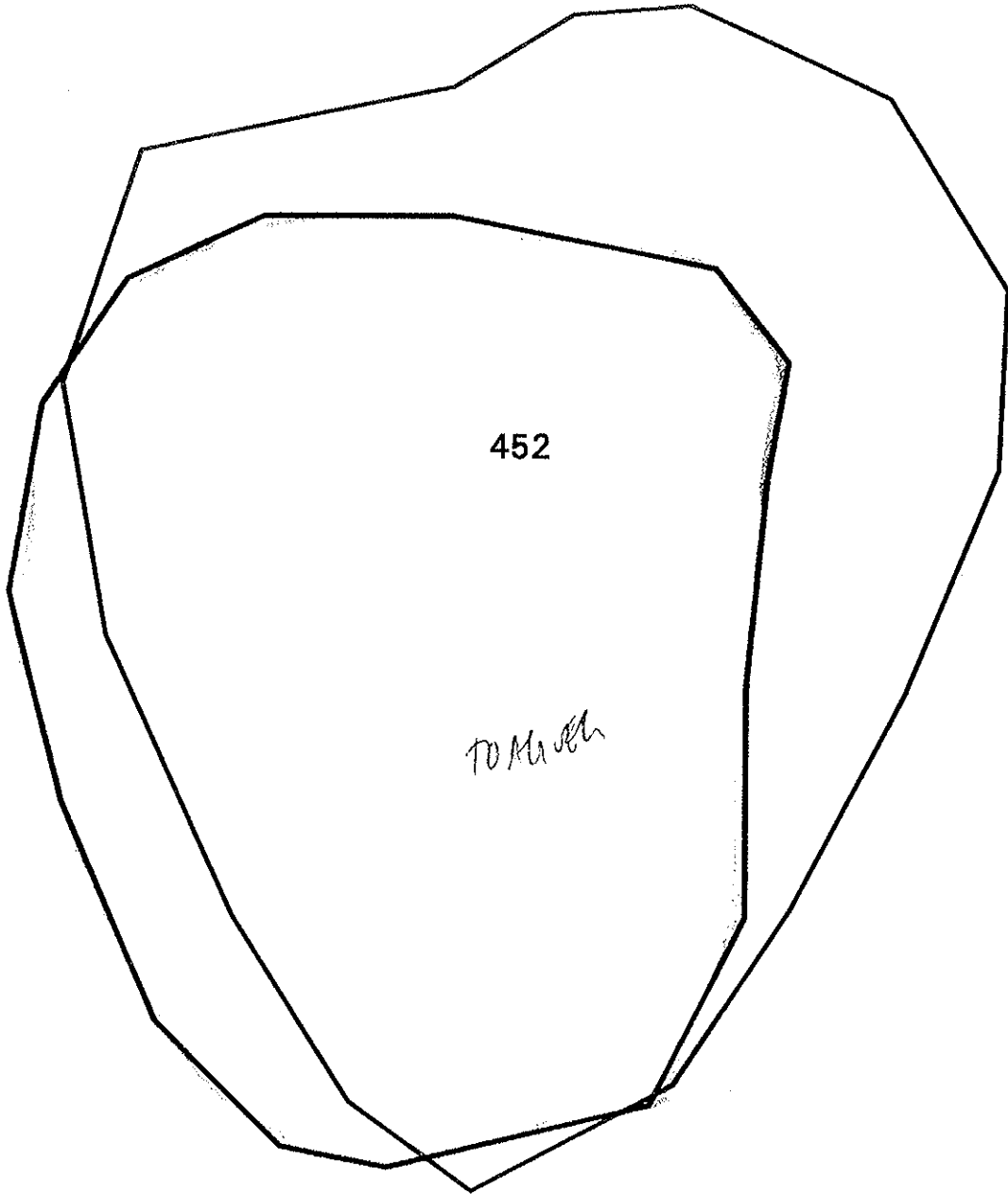


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COMMISSION



13 22/10/78





bp site 452

- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY THEME
- AG VEG 1998 BOUNDARY THEME

OK BJK 23/7

MFP INTERNAL USE ONLY

Prepared By: Andrea Zappacosta

Prepared For:

Map Idnt: plot980608_1

Date: 08 Jun 98

Scale 1:779

SW



448

459

461

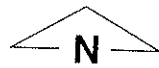
BUSHPLAN SITES CORRECTED

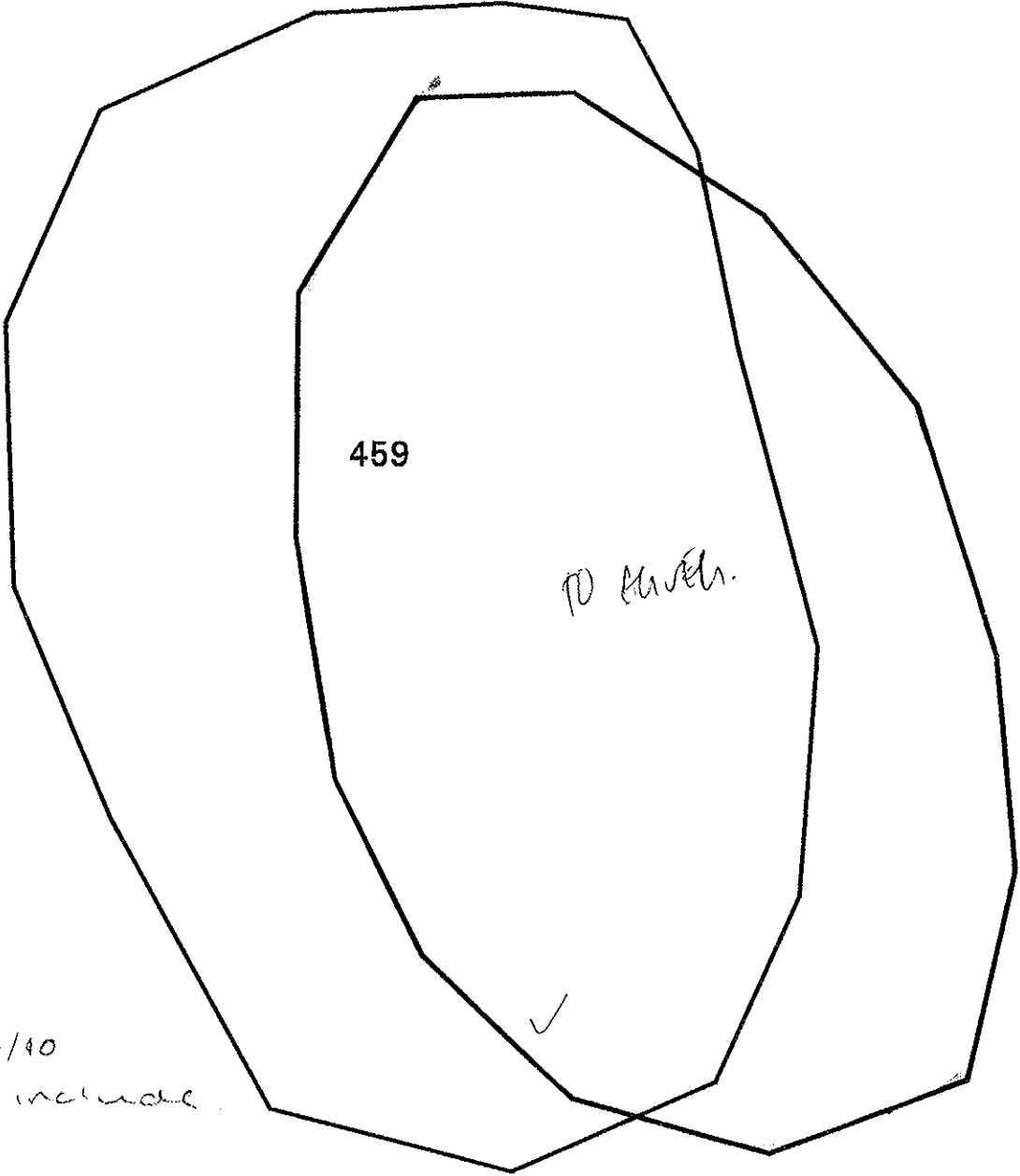


WESTERN AUSTRALIAN PLANNING COMMISSION



13 62/176 22/12/18





bp site 459

- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY THEME
- AG VEG 1998 BOUNDARY THEME

MFP INTERNAL USE ONLY

Prepared By: Andrea Zappacosta

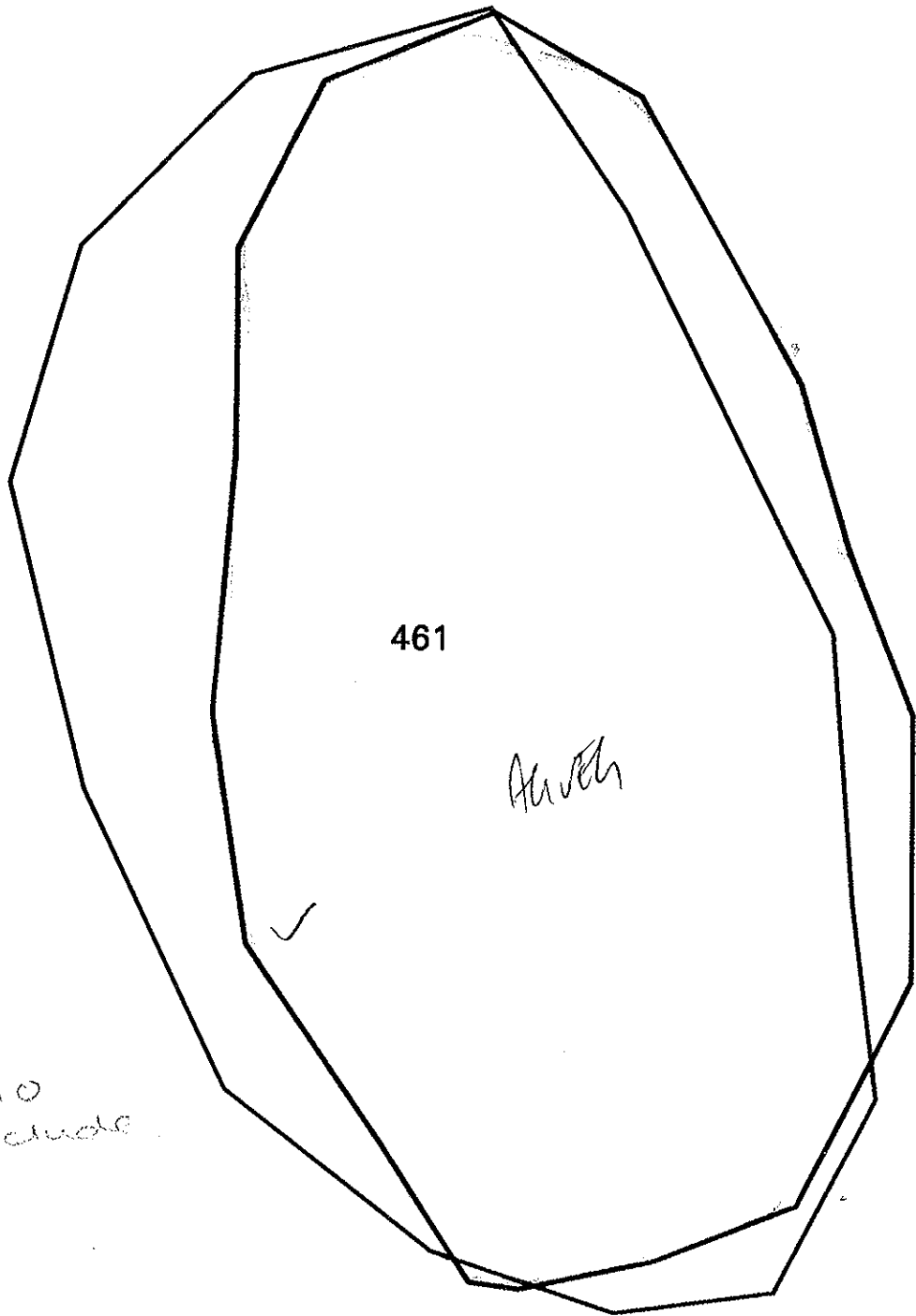
Prepared For:

Map Ident: plot980608_1

Date: 08 Jun 98

Scale 1:787

west of site 459



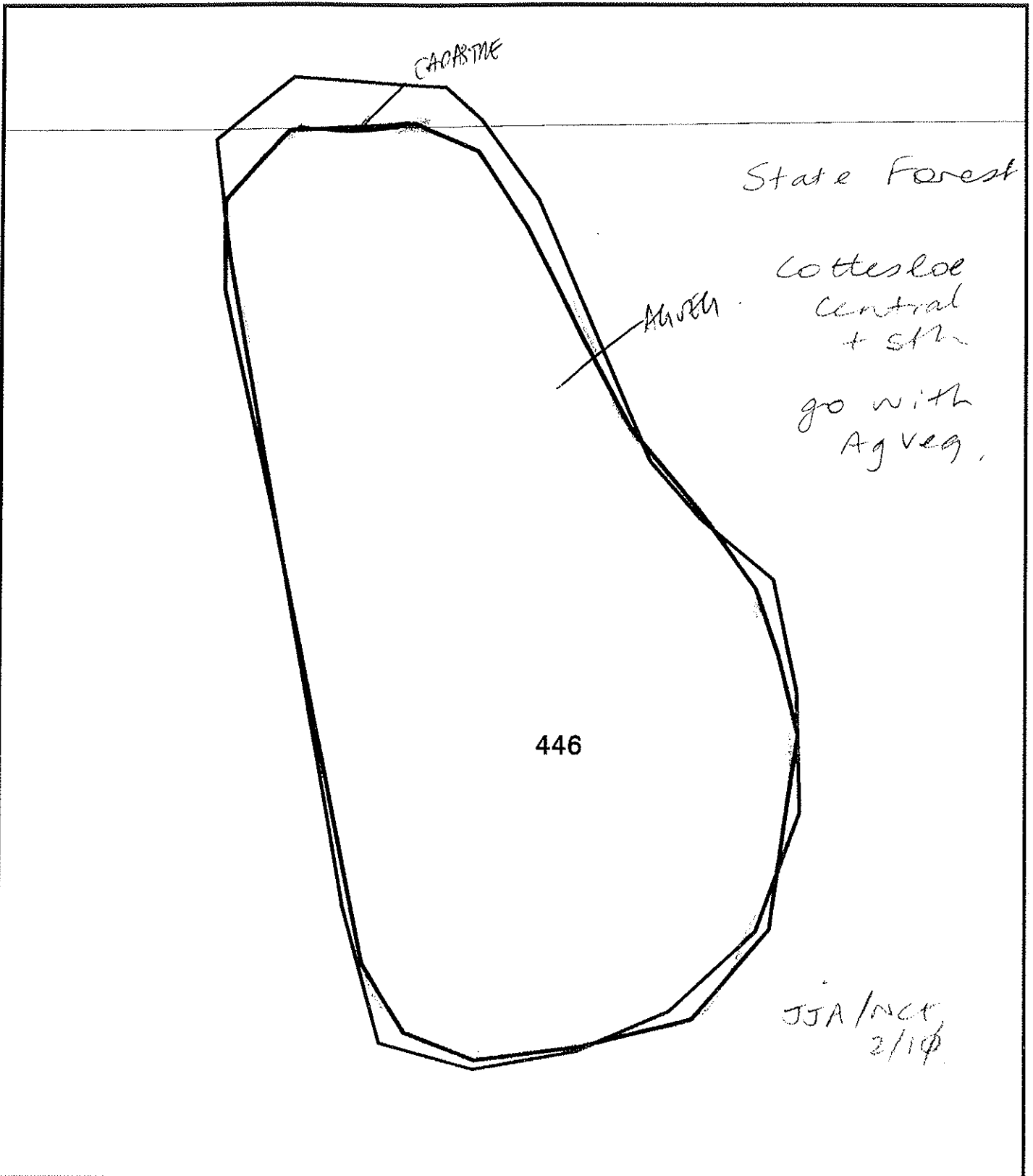
VA/NT 1/10
CCW include

bp site 461

- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY THEME
- AG VEG 1998 BOUNDARY THEME

West of Melalouca Pt

MFP INTERNAL USE ONLY
 Prepared By: Andrea Zappacosta
 Prepared For:
 Map Ident: plot980608_1
 Date: 08 Jun 98
 Scale 1:758



bp site 446

- AG VEG 1998 BOUNDARY THEME
- Cadastre
- Bushpian sites refno 1-500 SCP BOUNDARY THEME

MFP INTERNAL USE ONLY

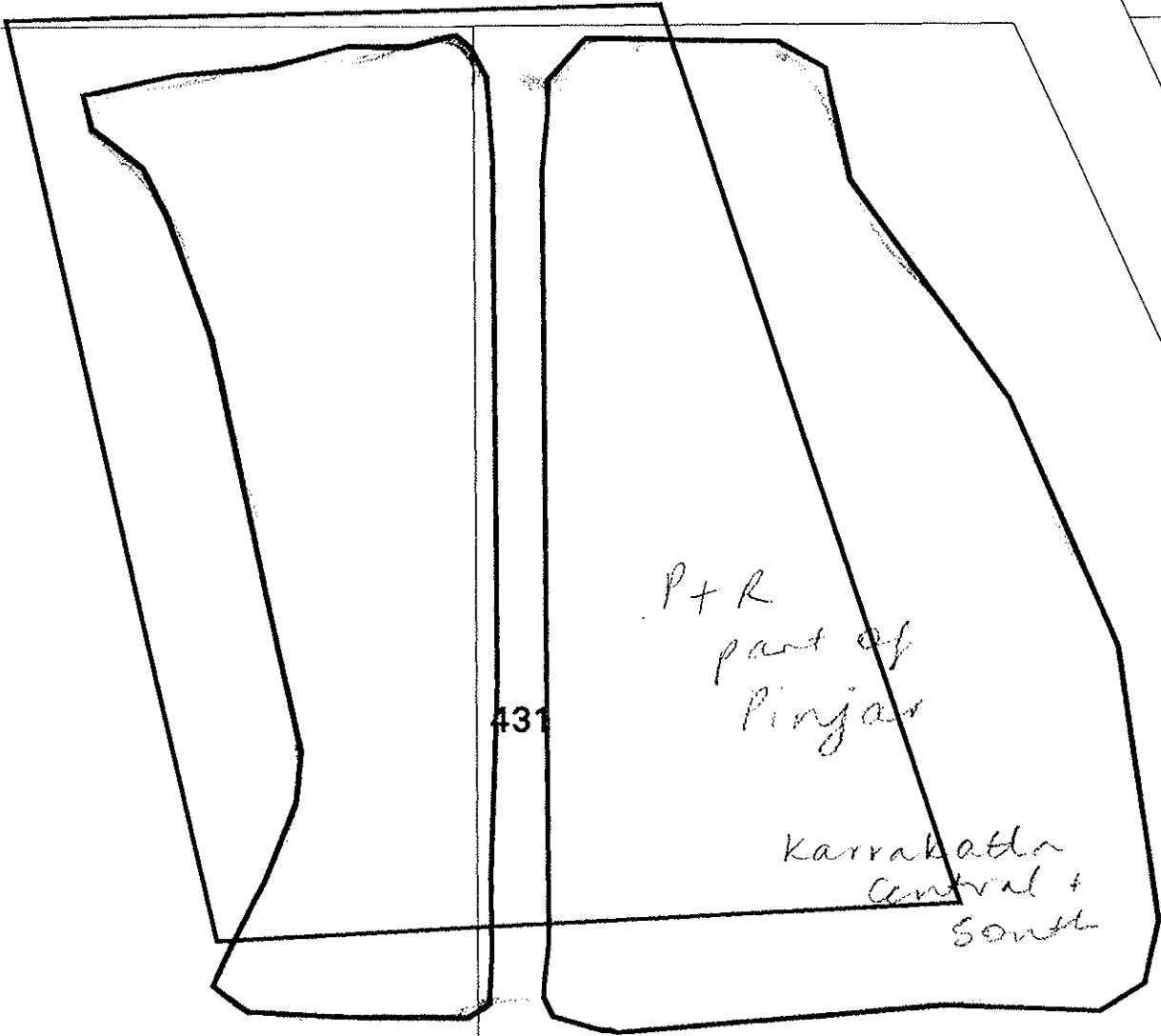
Prepared By: Andrea Zappacosta

Prepared For:






Map Ident: plot980526_1

Date: 26 May 98

Scale 1:1256



bp site 431

-  Cadastre
-  Bushplan sites refno 1-500 SCP BOUNDARY THEME
-  cons category wetlands
-  Verified CCWs
-  AG VEG 1998 BOUNDARY THEME

NCT/JJA
2/10

MFP INTERNAL USE ONLY

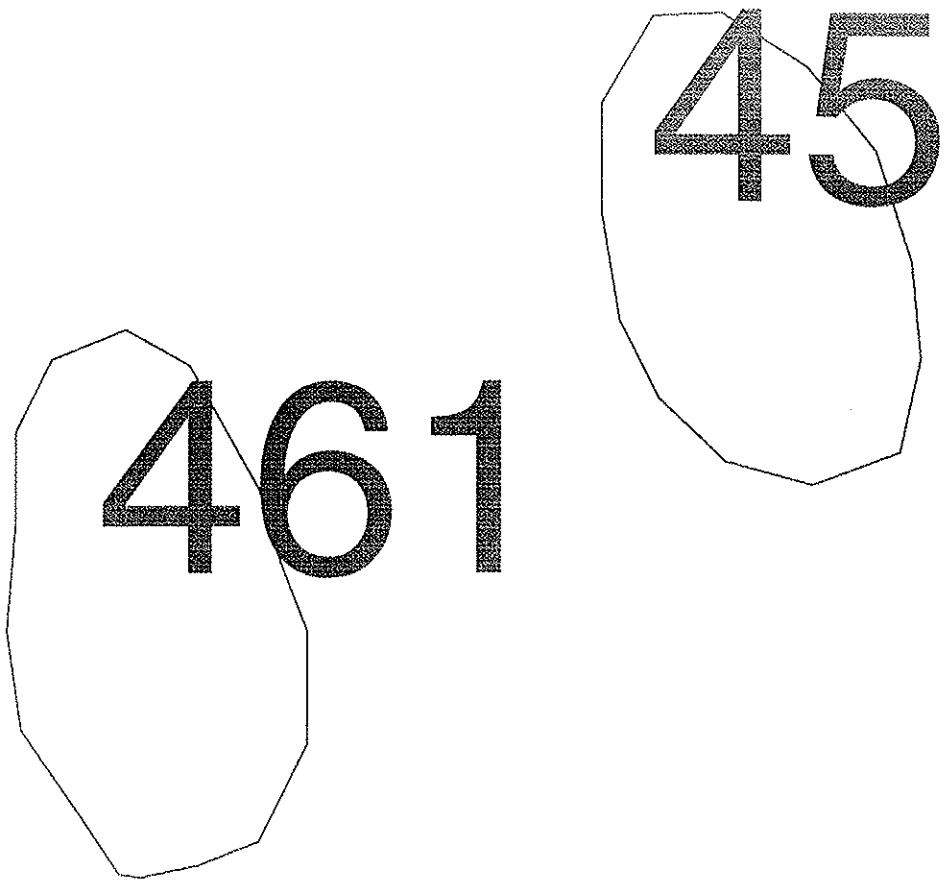
Prepared By: Andrea Zappacosta

Prepared For:

Map Ident: plot980608_1

Date: 08 Jun 98

Scale 1:1299



BUSHPLAN SITES CORRECTED



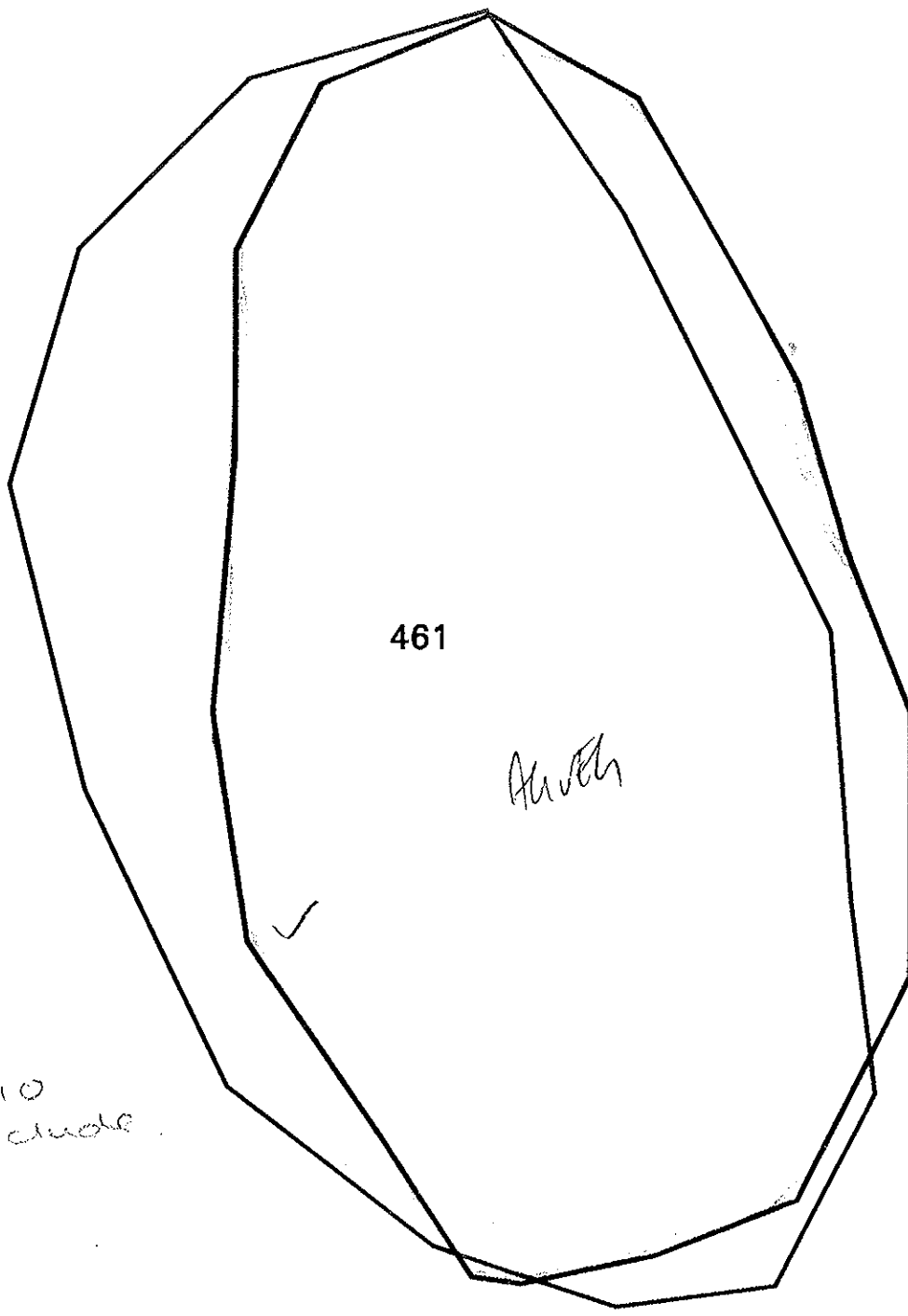
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FOCUS
- WESTERN AUSTRALIA

B BK/TK 24/12/16





VA/NT 1/10
CCW include

bp site 461

- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY THEME
- AG VEG 1998 BOUNDARY THEME

West of Melaleuca Pt

| |
|--------------------------------|
| MFP INTERNAL USE ONLY |
| Prepared By: Andrea Zappacosta |
| Prepared For: |
| Map Ident: plot980608_1 |
| Date: 08 Jun 98 |
| Scale 1:758 |

BS
104
105
106, 107, 108
443

