

## CLIFFORD STREET BUSHLAND, MADDINGTON

**Boundary Definition:** bushland taken to cadastre boundary

### SECTION 1: LOCATION INFORMATION

**Bush Forever Site no.** 53

**Area (ha):** bushland 7.74

**Map no.** 55

**Map sheet series ref. no.** 2033-I NE, 2133-IV NW

**Other Names:** Location 60 (Keighery, BJ, and Trudgen 1992)

**Local Authorities (Suburb):** City of Gosnells (Maddington)

### SECTION 2: REGIONAL INFORMATION

#### LANDFORMS AND SOILS

##### Pinjarra Plain

Guildford Formation (Qpa: Cs)

##### Bassendean Dunes

Bassendean Sands (Qpb: S8)

#### VEGETATION AND FLORA

##### Vegetation Complexes

###### Foothills

Forrestfield Complex (Ridge Hill Shelf, Darling Plateau)

###### Pinjarra Plain

Guildford Complex

**Floristic Community Types:** \*not sampled, type inferred

##### Supergroup 1: Foothills/Pinjarra Plain

\*3b *Eucalyptus calophylla* — *E. marginata* woodlands on sandy clay soils

##### Supergroup 3: Uplands centred on Bassendean Dunes and Dandaragan Plateau

\*20b Eastern *Banksia attenuata* and/or *Eucalyptus marginata* woodlands

#### WETLANDS

**Wetland Types:** palusplain

##### Natural Wetland Groups

Bassendean—Pinjarra transition OR Bassendean with fluvial features

Mungala (B/P.2)

**Wetland Management Objectives:** Conservation (2.2ha)

**Swan Coastal Plain Lakes EPP:** none identified

#### THREATENED ECOLOGICAL COMMUNITIES

Endangered (floristic community type 20b), Vulnerable (floristic community type 3b)

### SECTION 3: SPECIFIC SITE DETAIL

**Landscape Features:** vegetated wetland, vegetated uplands

**Vegetation and Flora:** limited survey (Keighery, BJ, and Trudgen 1992, Matisse Consulting Pty Ltd 1997)

**Structural Units:** mapping (Keighery, BJ, and Trudgen 1992)

Uplands: *Allocasuarina fraseriana* Low Open Woodland; *Eucalyptus calophylla* Woodland; Mixed Open Shrubland; *Eucalyptus calophylla* and *Eucalyptus wandoo* Woodland

Wetlands: Mixed Open Shrubland

**Scattered Native Plants:** not assessed

**Vegetation Condition:** >60% Excellent to Very Good, <40% Good to Degraded, with severe localised disturbance

**Total Flora:** not known

**Significant Flora:** *Conospermum undulatum* (R), *Lambertia multiflora* var. *darlingensis* (3)

**Fauna:** Significant mammal species: Quenda (Friend 1996 D)

**Linkage:** no adjacent bushland

**Other Special Attributes:** Category One Area Middle Canning Catchment (Evangelisti & Associates *et al.* 1995); contains plant communities representative of the eastern side of the Swan Coastal Plain

### SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE

Subject to protection under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999*

### SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS

**Criteria:** Representation of ecological communities, Diversity, Rarity, General criteria for the protection of wetland, streamline and estuarine fringing vegetation and coastal vegetation

*Bush Forever Site Description* (from *Bush Forever Volume 2 Government of WA 2000*), for the Maps see Volume I

**Recommendation:** Part A: Other Government Land Mechanism. Part B: MRWA Road Reserve (design and management) (see Table 3, Volume 1).

## CLIFFORD STREET BUSHLAND, MADDINGTON

**Boundary Definition:** bushland taken to cadastre boundary

### SECTION 1: CADASTRAL INFORMATION

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

**Bushplan Site no.** 53      **Map no.** 64      **Map sheet series ref. no.** 2033-I NE, 2133-IV NW

#### Other Names

Location 60 (Keighery, BJ, and Trudgen 1992)

#### Local Authorities (Suburb)

City of Gosnells (Maddington)

#### Ownership Categories

State Government

**Area (ha):** total 8.26; bushland 7.74

#### Zoning

**MRS:** Rural, Controlled Access Highways

**TPS:** Landscape, Rural

#### Lot/Location/Reserve numbers (Purpose),

#### Street name

108, 109, 110, 4069 Clifford St

### SECTION 2: REGIONAL INFORMATION

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**Total Flora:** not known

**Significant Flora:** *Conospermum undulatum* (R), *Lambertia multiflora* var. *darlingensis* (3)

**Fauna:** no systematic survey. Significant mammal species: Quenda (Friend 1996 D)

**Linkage:** no adjacent bushland



**Other Special Attributes:** Category One Area Middle Canning Catchment Study (Evangelisti & Associates *et al.* 1995); contains plant communities representative of the eastern side of the Swan Coastal Plain

**SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE**

Not listed

**SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS**

**Criteria:** Representation of ecological communities, Diversity, Rarity, General criteria for the protection of wetland, streamline and estuarine fringing and coastal vegetation

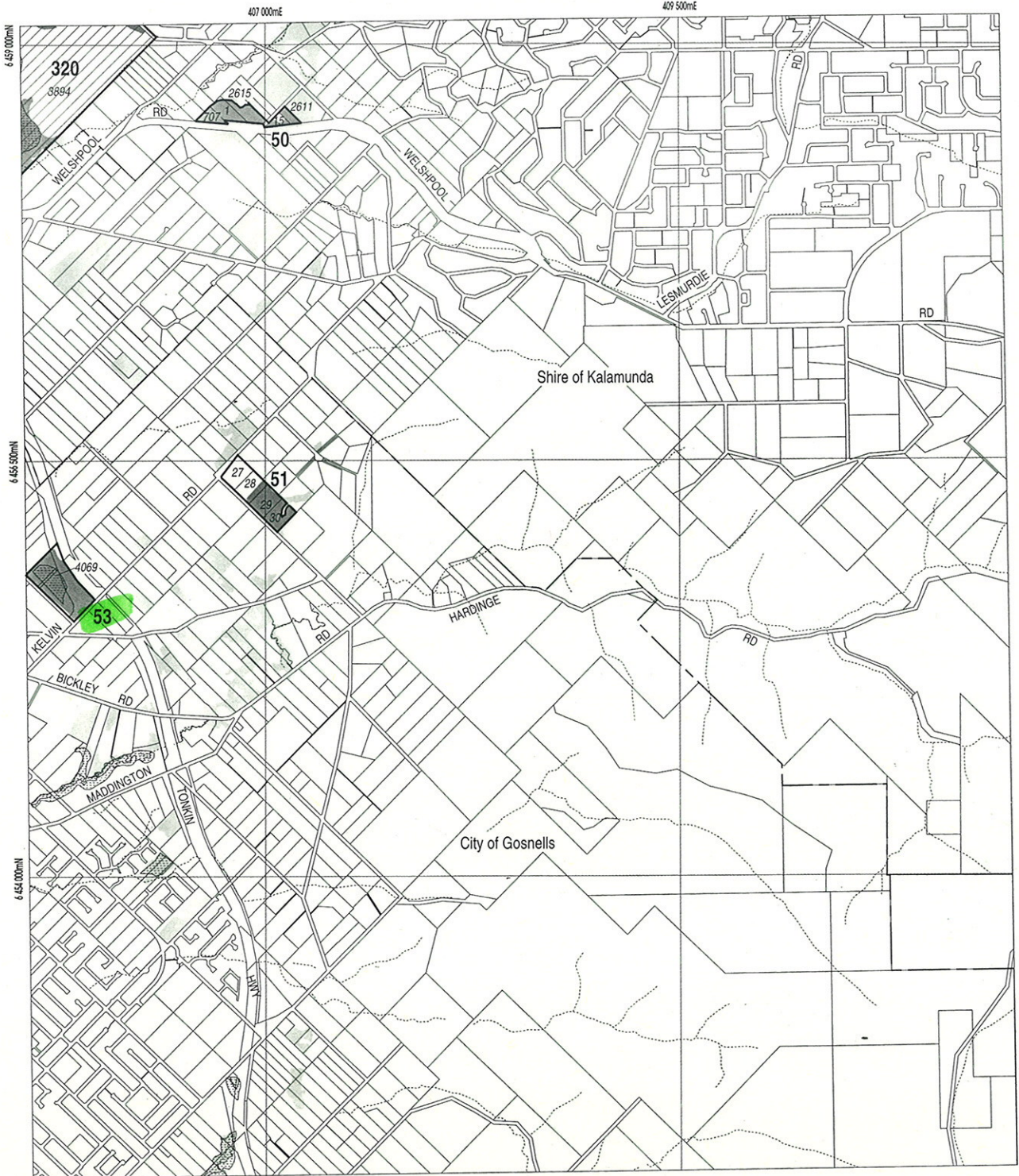
**Opportunities and/or Constraints**

Opportunities: Bushplan Site/part Bushplan Site subject to Swan and Canning Rivers EPP; location of Declared Rare Flora, conservation category wetland; under TPS Landscape Zoning, Crown Reserve

Constraints: under MRD regional road requirements, General Mineral Resource Area (clay)

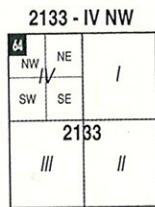
**Recommendation:** The most appropriate mechanism for the protection of this Bushplan Site be considered through the public comment period in consultation with the land owner(s).





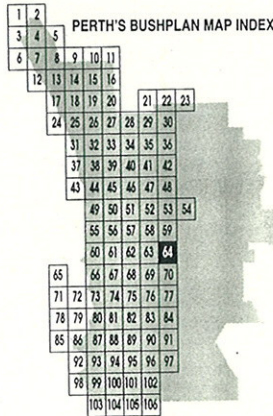
**LEGEND**

-  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

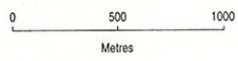


1 : 25 000 AMG Reference Grid showing Perth's Bushplan Map Sheet Breakdown

**PERTH'S BUSHPLAN MAP INDEX**



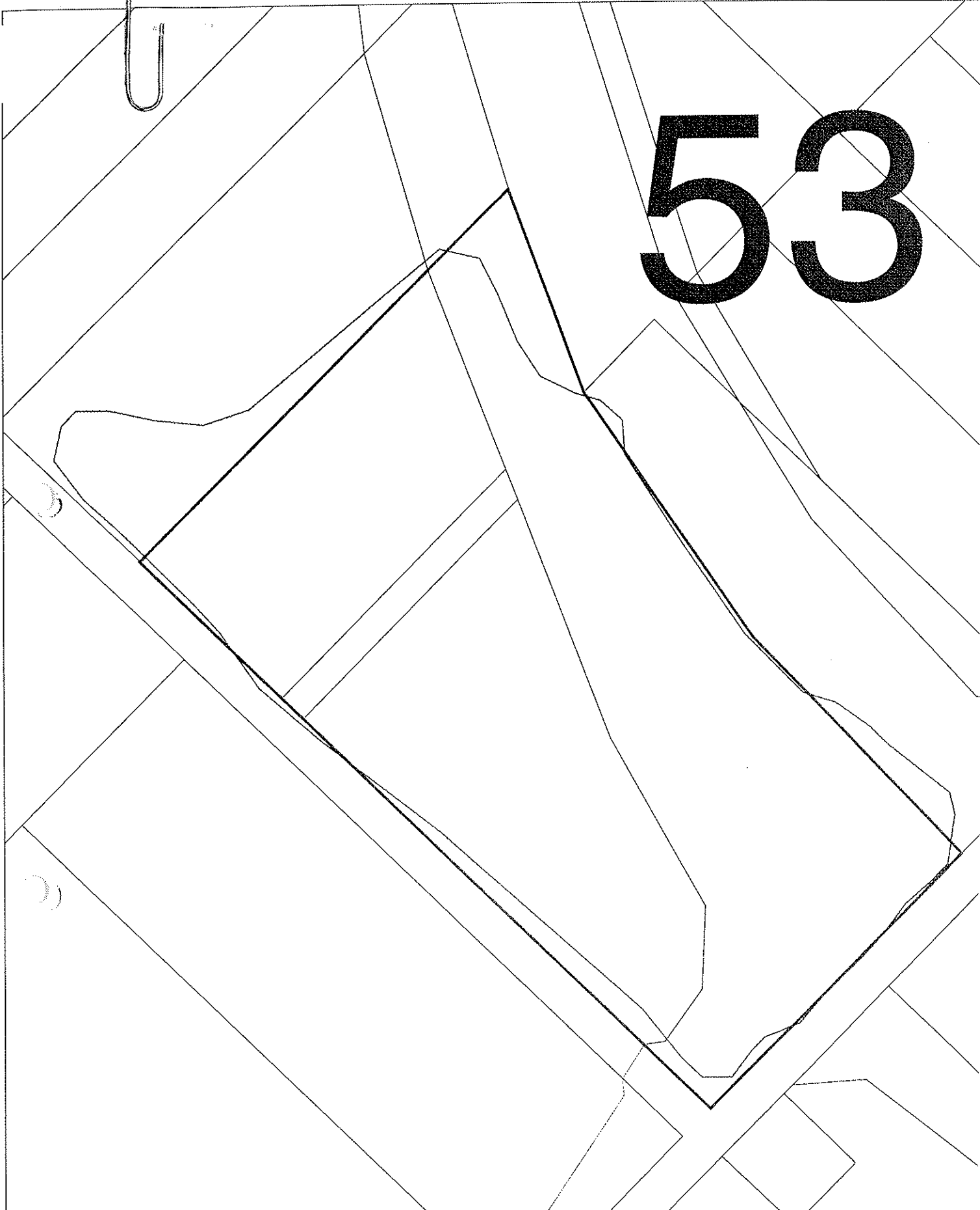
**SCALE**



Produced by Project Mapping Section  
 Land Information Branch, Ministry for  
 Planning, Perth W.A. November 1998  
 ntw-map18/environ/bushplan/bushv2\_64.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

D:\NSF\

# 53



### BUSHPLAN SITES CORRECTED



WESTERN  
AUSTRALIAN  
PLANNING  
COMMISSION



CUSTOMER  
FOCUS  
WESTERN AUSTRALIA

B 6/76 22/10/08



SCALE 1:2500



Metres

# 53

**BUSHPLAN SITES CORRECTED**



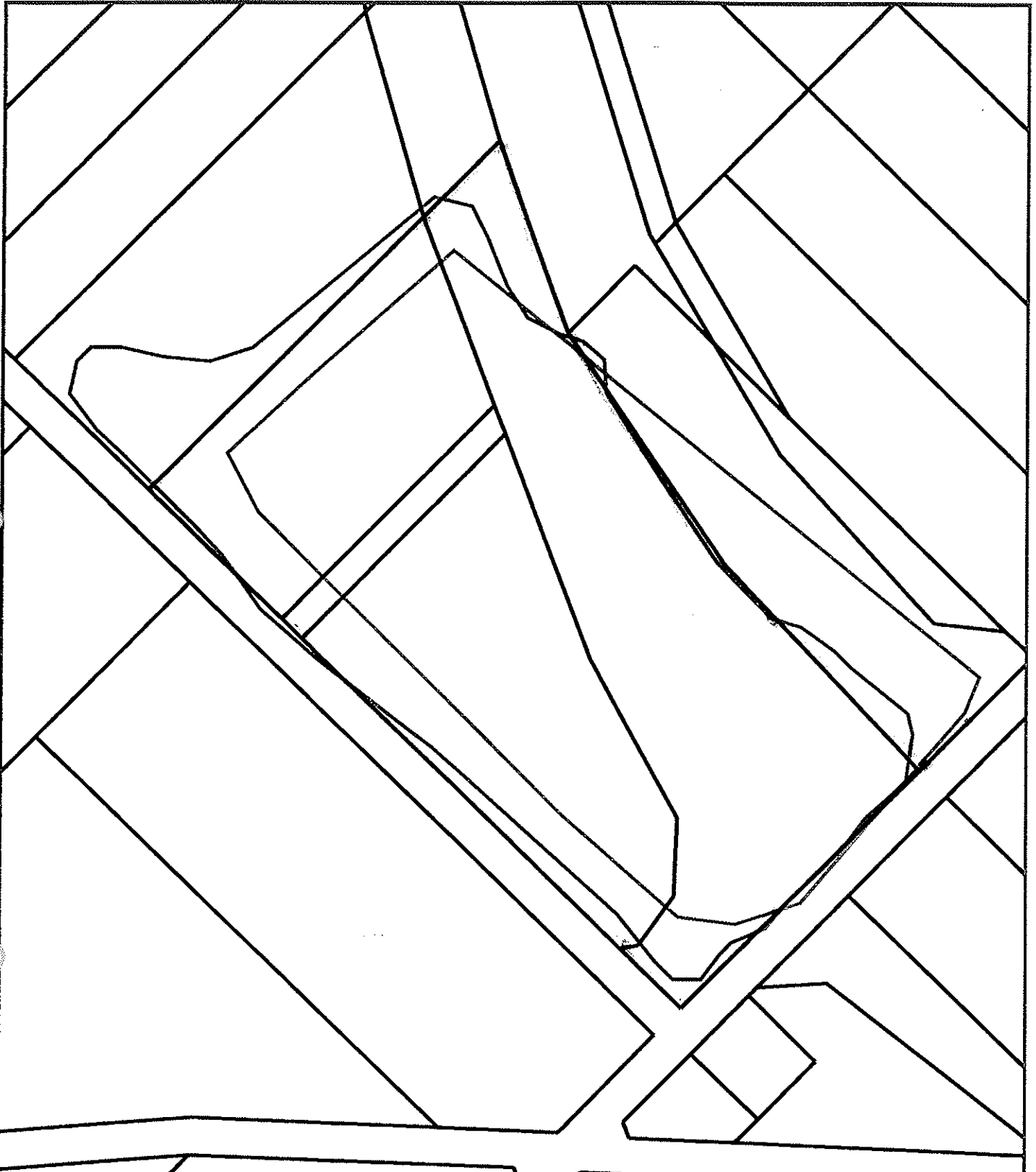
WESTERN  
AUSTRALIAN  
PLANNING  
COMMISSION



SCALE 1:2500



Metres



**bp site 53**

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

MFP INTERNAL USE ONLY

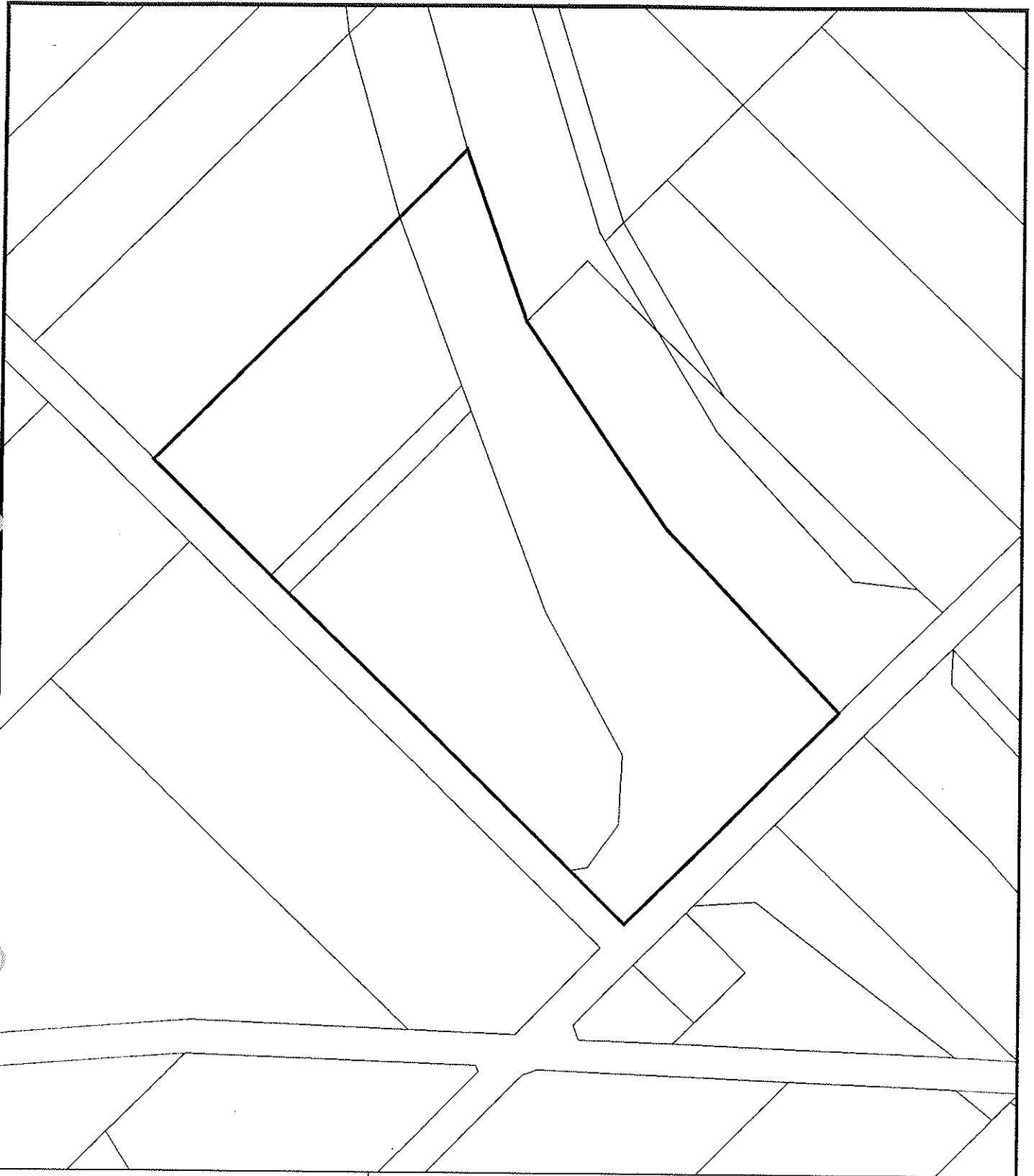
Prepared By: Andrea Zappacosta

Prepared For:

Map Ident: plot980514\_1

Date: 14 May 98

Scale 1:2962



**bp site 53  
amended**

- Bushplan sites refno 1-500 SCP BOUNDARY THEME
- Cadastre

*Snapped to cadastre NW, NE, SW, SE*

MFP INTERNAL USE ONLY

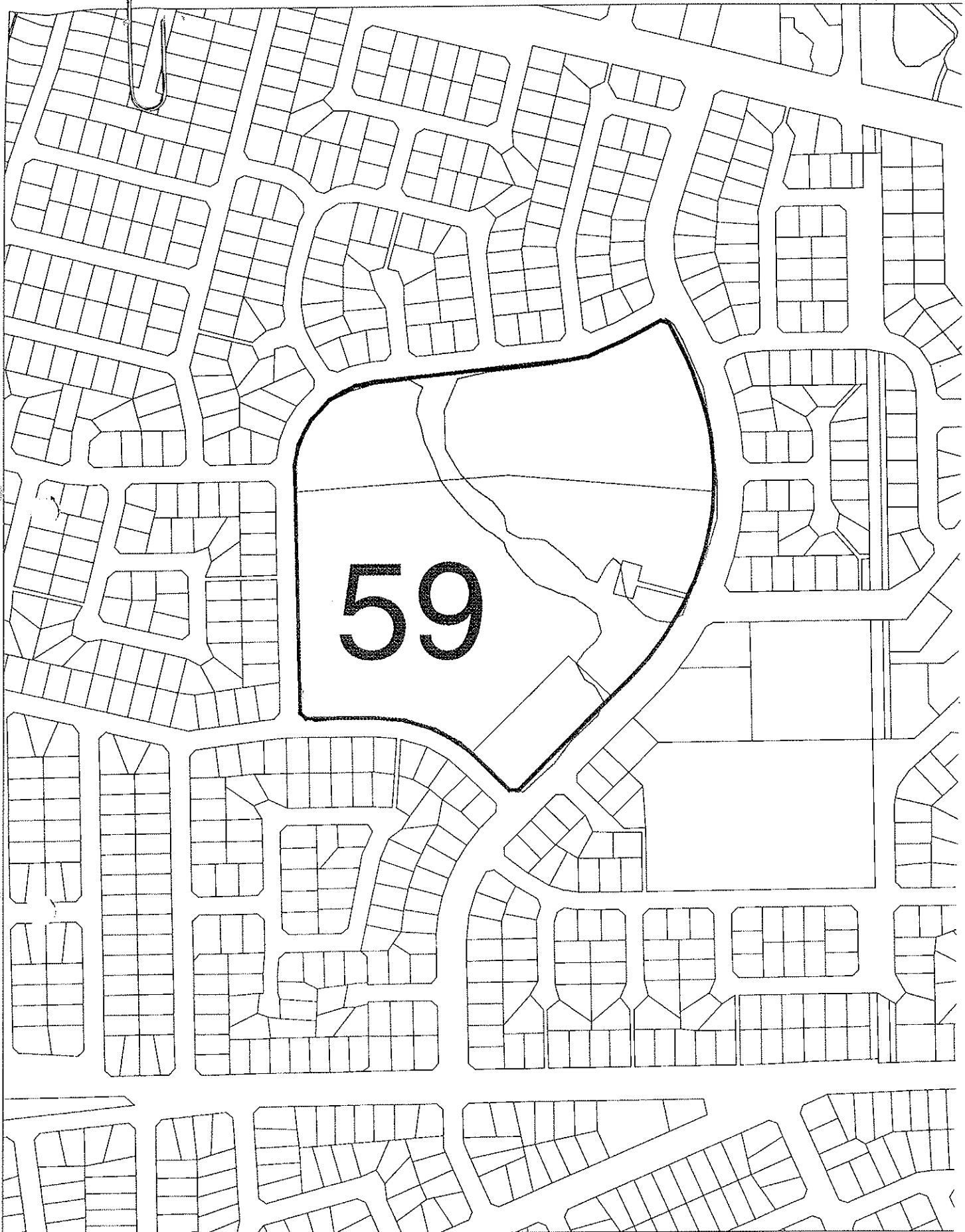
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Prepared For:

Map Ident: plot980518\_1

Date: 18 May 98

Scale 1:3301



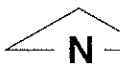
BUSHPLAN SITES CORRECTED



WESTERN  
AUSTRALIAN  
PLANNING  
COMMISSION



*Bk 176 27/10/08*



SCALE 1:25



Metres



59

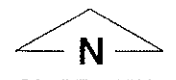
**BUSHPLAN SITES CORRECTED**



WESTERN  
AUSTRALIAN  
PLANNING  
COMMISSION



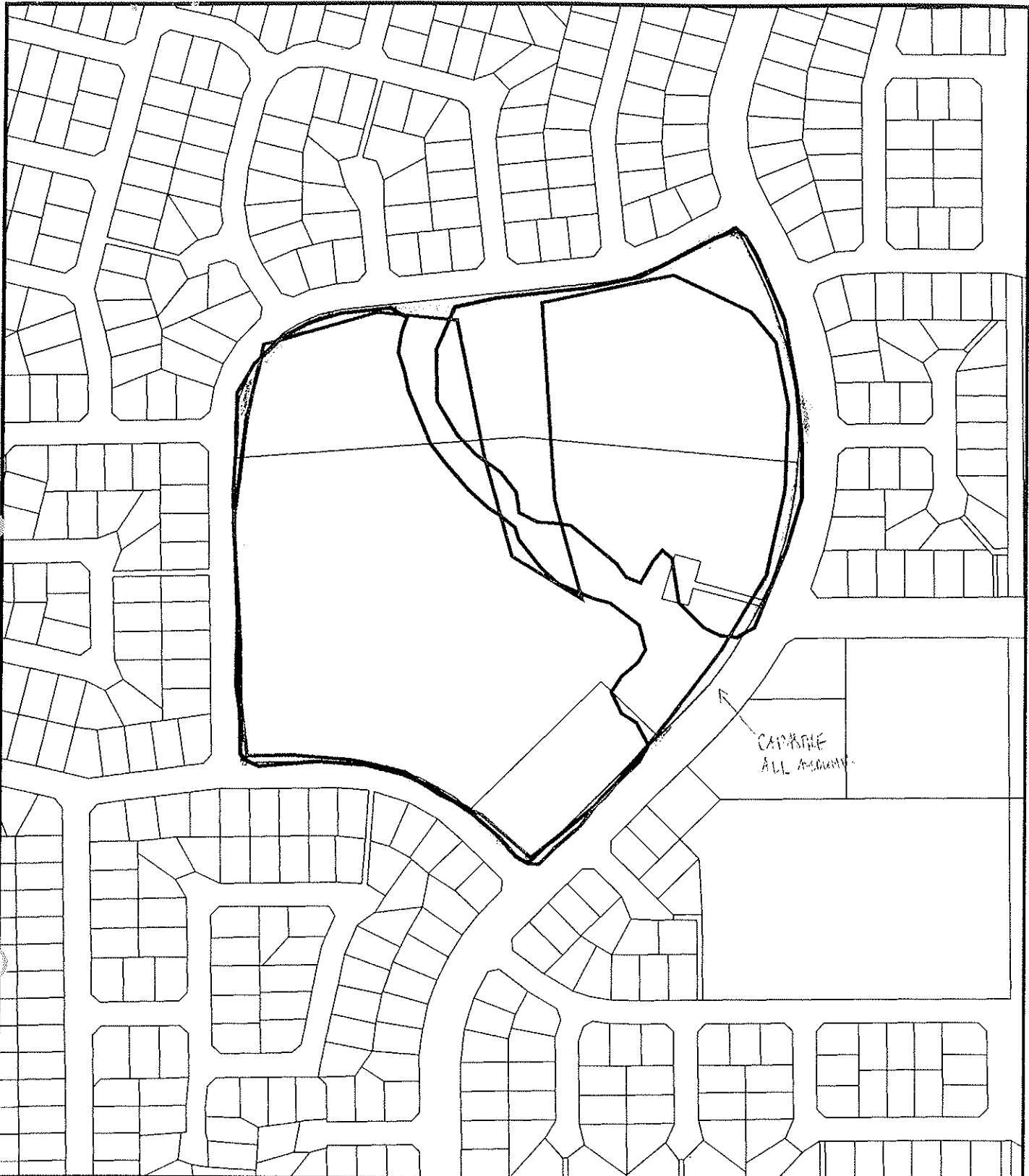
CUSTOMER  
FOCUS  
WESTERN AUSTRALIA






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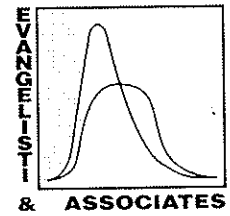
Metres



**bp site 59**

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

MFP INTERNAL USE ONLY  
Prepared By: Andrea Zappacosta  
Prepared For:  
Map Ident: plot980515\_1  
Date: 15 May 98  
Scale 1:4051



# **WATER RESOURCES MANAGEMENT PLAN**

## **MIDDLE CANNING CATCHMENT**

(STAGE 1 - VOLUME 1)

Prepared for the

**Water Authority of Western Australia**

By

**Evangelisti & Associates**  
Consulting Engineers and Project Managers

in association with

**Landvision**  
Consultants in Urban and Environmental Planning

and

**The V & C Semeniuk Research Group**  
Environmental Scientists

October 1995

About 15 per cent of the System 6 region was recommended to be set aside and managed for conservation, recreation or landscape purposes, but outside State Forest areas this amounts to only 2.8% of the System 6 region.

## **Implementation**

The Government has been progressively implementing the recommendations of the System 6 study since its completion. Nevertheless implementation has not been rapid, largely because of the intensity of land use in the region and hence the high degree of conflicting landuse, both current or proposed.

The Department of Environmental Protection set the Red Book Task Force in 1988 and then the Urban Conservation Branch in 1991 to expedite implementation of the System recommendations. The Red Book Status Report was released by the Department in 1993 and gave an account of progress up to that time for the recommendations of all the systems.

Approximately 47% of the recommendations contained in the System 6 report have now been implemented and many others are well advanced toward implementation.

## **A need to update the recommendations**

Over recent years there has been criticism from both Government agencies and the community concerning the System 6 Red Book and the slow rate of implementation of the recommendations. One of the main problems is that the recommendations have become outdated over the 12 years since their release. There are several reasons for this but the main points are listed below:

- The conservation values of some of the recommendations areas have been lost or severely degraded over the years and therefore there is a need to re-examine the recommendations to determine which areas are no longer worthy of remaining in the system.
- There have been changes in Government agency legislation and responsibilities over the years since the report was released. Some of the recommendations, particularly the general recommendations in Part I, need to be updated to reflect these changes.
- Difficulties in implementing the recommendations has highlighted the need to ensure that all recommendation are clearly written and not subject to interpretation. The intent of some of the recommendations is unclear.
- Recent studies have greatly improved knowledge of the flora and fauna of the region, and have resulted in additional areas of high conservation value being identified and recommended for reservation. The controversy over such places as Brixton St, Ellen Brook, Hepburn Heights and Lemnos St substantiates the need to update the recommendations so that areas of high conservation value are identified in advance of potential development.
- Development must be facilitated through an up-front identification of areas of high conservation value which require some form of protection. The planning process has zoned and/or acquired significant areas for conservation purposes. However, in recent years the uncertainties introduced because of the dated information base of the System 6 recommendations have eroded confidence that all the important areas have been adequately identified.

These concerns have highlighted the need to revisit System 6 and update the recommendations.

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Bot



Water Authority  
of Western Australia

# Wetlands in the City of Gosnells

**Full document  
available  
on request**

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Department of Environmental Protection Library

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Nº 13037 152.72

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