

NICHOLSON ROAD BUSHLAND, LANGFORD/THORNLIE

Boundary Definition: protected area boundary (Areas of bushland within the boundaries of the Bushplan Site are not accurately mapped. The boundary has been drawn to include any unmapped bushland.)

SECTION 1: CADASTRAL INFORMATION

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

Bushplan Site no. 456 **Map no.** 62, 63 **Map sheet series ref. no.** 2033-I NE

Other Names

Area of the Tom Bateman Sporting Complex, Gosnells remnant bushland areas 33 and 34 (Trudgen and Keighery 1995)

Local Authorities (Suburb)

City of Gosnells (Thornlie, Langford)

Area (ha): total 70.2; bushland 13.3

Zoning

MRS: Parks and Recreation, Controlled Access Highways

TPS: Landscape

Ownership Categories

State Government

Lot/Location/Reserve numbers (Purpose), Street name

0, 1, 2, 3, 19, 34, 36 Nicholson Rd; 1, 5, 14, 55, 102 Cameron St; 1, 3, 5, 6, 20, 21, 31, 32, 33, 34, 35 Wilfred Rd; 2, 10 Woodmore Rd

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Pinjarra Plain

Guildford Formation (Qpa: Cs, Sc)

Bassendean Dunes

Bassendean Sands (Qpb: S8)

Bassendean Dunes/Pinjarra Plain

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

VEGETATION AND FLORA

Vegetation Complexes

Combinations of Bassendean Dunes/Pinjarra Plain

Southern River Complex

Floristic Community Types: *not sampled, types not inferred

Supergroup 2: Seasonal Wetlands

4 *Melaleuca preissiana* damplands

8 Herb-rich shrublands in clay pans

10a Shrublands on dry clay flats

Supergroup 3: Uplands centred on Bassendean Dunes and Dandaragan Plateau

*23a Central *Banksia attenuata* — *B. menziesii* woodlands

WETLANDS

Wetland Types: dampland, artificial channel

Natural Wetland Groups

Bassendean—Pinjarra transition OR Bassendean with fluvial features

Bennett Brook (B/P.4)

Wetland Management Objectives: Conservation (6.3ha), Resource Enhancement

Swan Coastal Plain Lakes EPP: none identified

THREATENED ECOLOGICAL COMMUNITIES

Not assessed, Endangered (floristic community type 10a), Vulnerable (floristic community type 8)

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: vegetated wetland, vegetated uplands

Vegetation and Flora: limited survey (Trudgen and Keighery 1995 (Gosn 6–11))

Structural Units: mapping (Trudgen and Keighery 1995)

Uplands: Low Open Woodlands to Low Closed Forests dominated by combinations of *Banksia attenuata*, *B. menziesii*, *B. illicifolia* and *Allocasuarina fraseriana*; *Eucalyptus calophylla*, *E. marginata* and *Allocasuarina fraseriana* Woodland to Open Forest; *Banksia attenuata*, *B. menziesii*, *B. illicifolia*, *Eucalyptus marginata* and *Allocasuarina fraseriana* Low Woodland to Low Open Forest; *Banksia attenuata*, *B. menziesii* and *E. todtiana* Low Woodland to Low Open Forest

Wetlands: Low Open Woodlands to Low Woodlands dominated by combinations of *Melaleuca preissiana*, *Eucalyptus todtiana*, *Allocasuarina fraseriana*, *Banksia attenuata* and *Nuytsia floribunda*; *Melaleuca preissiana* Low Open Woodland to Low Open Forest; *Melaleuca raphiophylla* Low Open Woodland to Low Open Forest; *Melaleuca incana*, *M. viminea* and *M. raphiophylla* Low Open Forest; *Melaleuca raphiophylla* and *M. viminea*

Low Open Woodland to Open Woodland; *Regelia ciliata* Closed Heath to Closed Tall Scrub; *Pericalymma ellipticum* Closed Heath; *Astartea* sp. Brixton Street and *Regelia ciliata* Shrubland to Open Heath; *Hypocalymma angustifolium* and *Melaleuca* sp. B Low Open Heath; *Evandra pauciflora* Closed Sedgeland

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

Total Flora: not known

Significant Flora: Trudgen and Keighery 1995 - *Eryngium pinnatifidum* subsp. *palustre* ms (2), *Verticordia lindleyi* subsp. *lindleyi* (4); *Jacksonia gracilis*; at least 10 taxa characteristic of the eastern side of the SCP

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

Linkage: no adjacent bushland

Other Special Attributes: 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

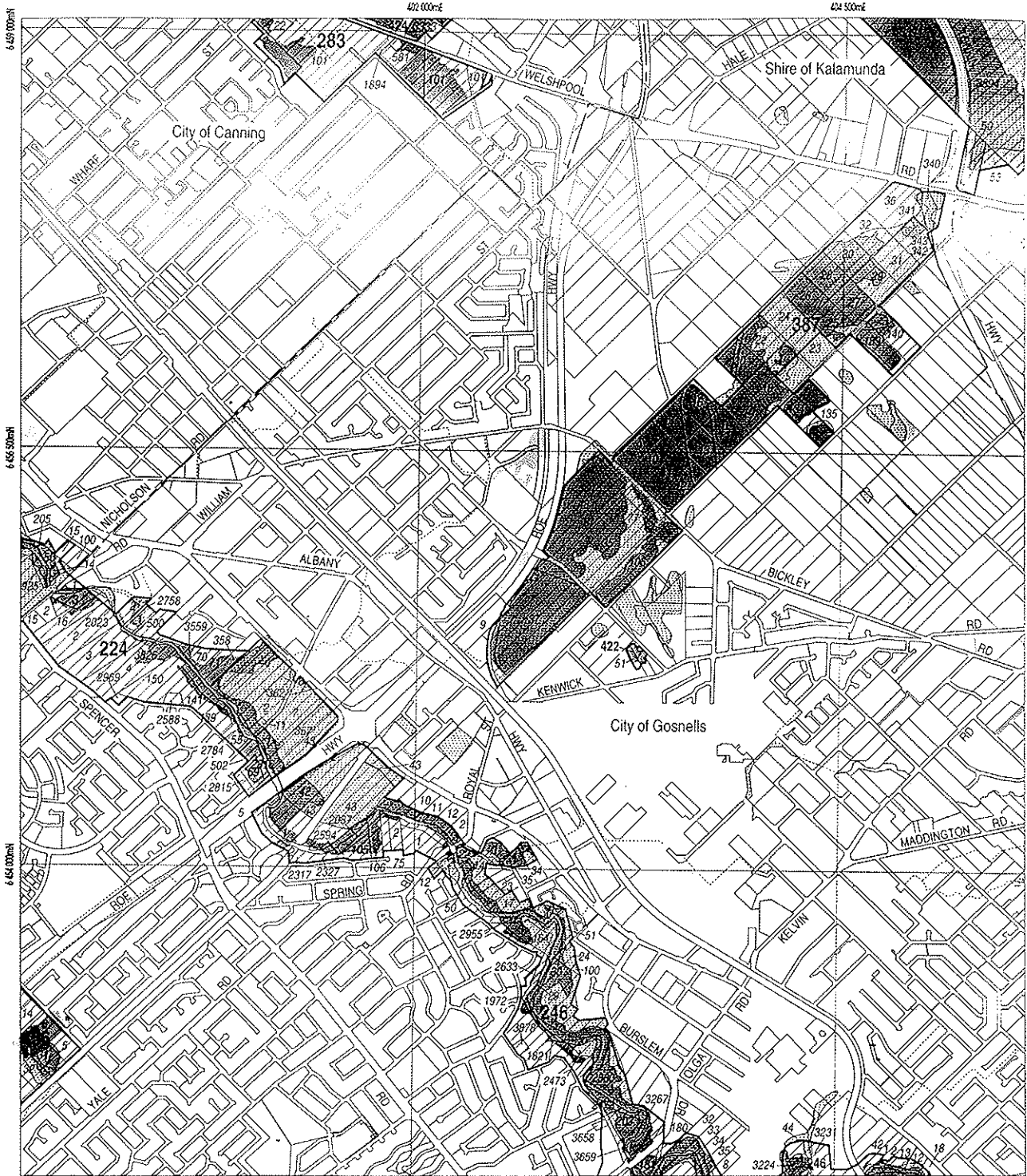
Criteria: Representation of ecological communities, Rarity, Scientific or evolutionary importance, General criteria for the protection of wetland, streamline and estuarine fringing and coastal vegetation, Criteria not relevant to determination of conservation value, but which may be applied when evaluating areas having similar values

Opportunities and/or Constraints

Opportunities: Bushplan Site/part Bushplan Site subject to Swan and Canning Rivers EPP; location of conservation category wetlands; under MRS Parks and Recreation Reservation, TPS Landscape Zoning

Constraints: under MRD regional road requirements

Recommendation: The existing care, control and management intent of the reserve is endorsed. Long-term security and support for conservation management of the Bushplan Site to be enhanced by: amending the purpose of the reserve to include conservation; and applying appropriate mechanisms in consultation with the reserve management body.



LEGEND

472 Bushplan Sites With Regionally Significant Bushland

Other Native Vegetation

Conservation Category Wetlands

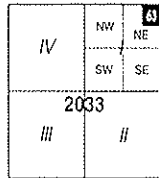
Bushplan Sites With Some Existing Protection

695 Lot Number, Location Number

Channel Wetlands

Local Government Boundary

2033 - I NE



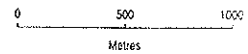
1: 25 000 AMG Reference Grid showing Perth's Bushplan Map Sheet Breakdown

PERTH'S BUSHPLAN MAP INDEX

1	2				
3	4				
5	6	7	8	9	10
11	12	13	14	15	16
17	18	19	20	21	22
23	24	25	26	27	28
29	30	31	32	33	34
35	36	37	38	39	40
41	42	43	44	45	46
47	48	49	50	51	52
53	54	55	56	57	58
59	60	61	62	63	64
65	66	67	68	69	70
71	72	73	74	75	76
77	78	79	80	81	82
83	84	85	86	87	88
89	90	91	92	93	94
95	96	97	98	99	100
101	102	103	104	105	106



SCALE



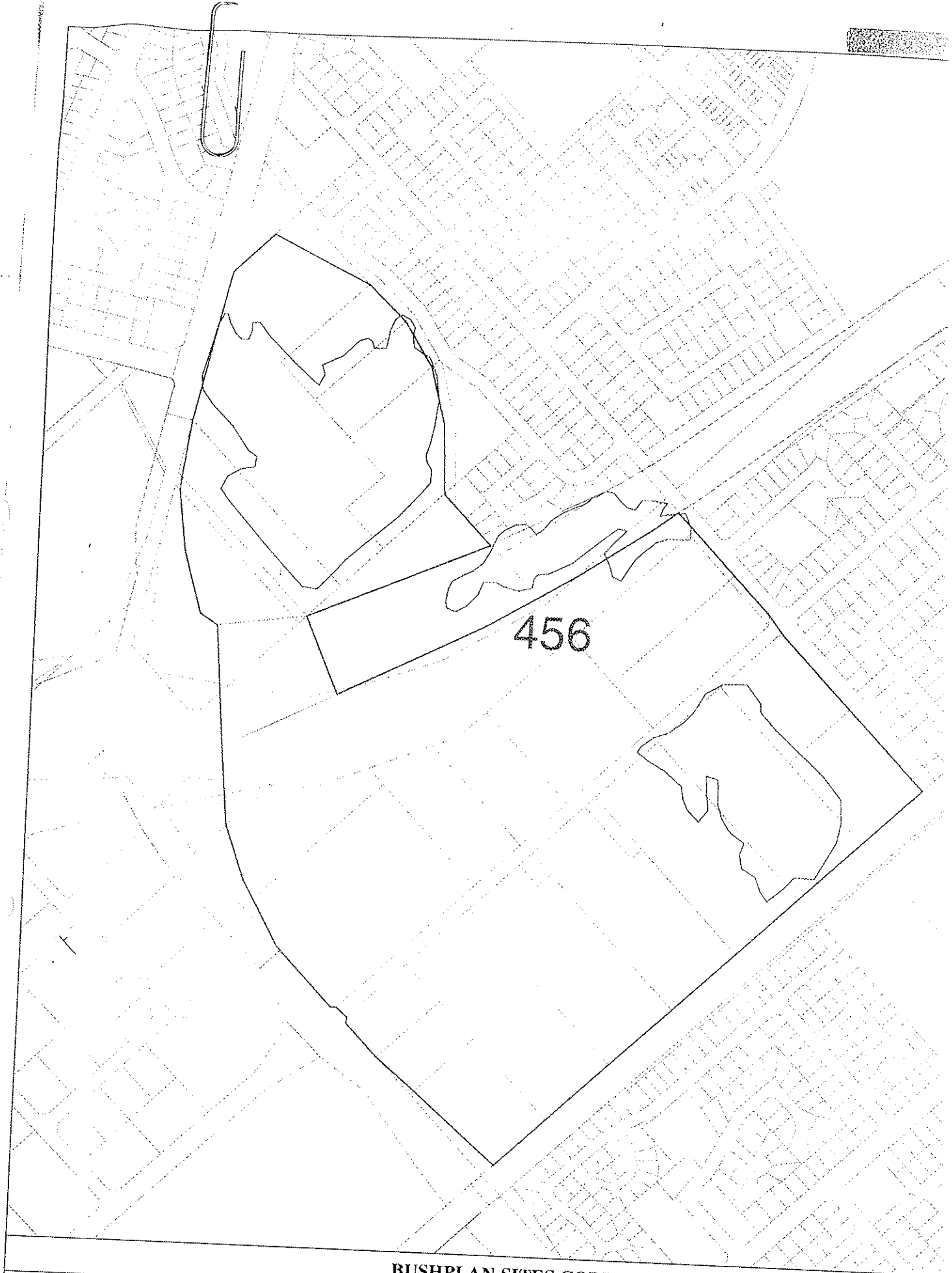
Produced by Project Mapping Section
Land Information Branch, Ministry for
Planning, Perth W.A. November 1998

ntw-map/envirom/bushplan/bushvol2_63.cgn

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

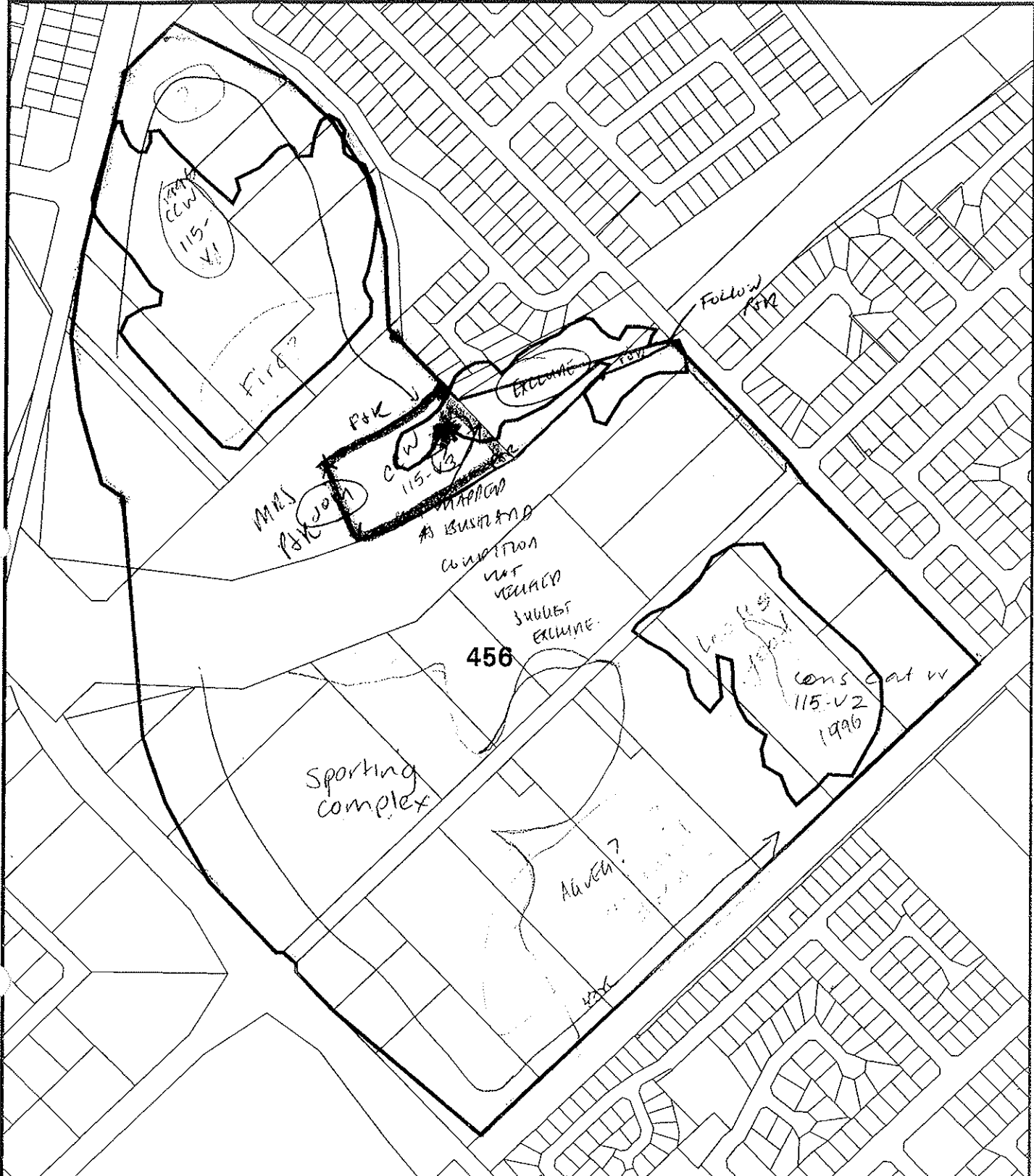


**WESTERN
AUSTRALIAN
PLANNING
COMMISSION**






*B BK
28/10/*

within



bp site 456

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

INCIDENTAL PLOTS OF VEGETATION NOT MAPPED WITHIN AND IN CAP RESERVATION.

Cliff
Suggest you include vegetated patches (as per air photos). I know of cleared areas
Kleen

MFP INTERNAL USE ONLY
 Prepared By: Andrea Zappacosta
 Prepared For:
 Map Ident: plot980608_1
 Date: 08 Jun 98
 Scale 1:6567

A Gold Coast

Is it consistent why
we're considering
leaving out P+R
here when we have
been directed to
include even mowed
grassland/parks in
other P+R areas?
MGT/ATA 1/10/98
veg mapping is
incorrect anyway.

MGT/ATA 1/10/98
Most of this block
is on wetland
(Dampland 115
Map sheet 2033 INE)
just High Rd +
Nicholsen Rd. Most of
veg parts of the
wetland are still
extant. So can we
include ? Roads
pass going thru
anyway.



CITY OF GOSNELLS

2120 Albany Highway Gosnells 6110
PO Box 662 Gosnells 6990
Western Australia

Telephone 08 9391 3222
Facsimile 08 9398 2922
E-mail council@gosnells.wa.gov.au

BS 456 61
PB216

24 March 1999

Perth's Bushplan
Ministry for Planning
Albert Facey House
469 Wellington Street
PERTH WA 6000

Our Reference: WvL:4.5.2
Your Reference:
Enquiries: Wayne van Lieven

MINISTRY FOR PLANNING
26 MAR 1999
805-2-1-32 p12
FILE

Dear Sir/Madam

Submission on Perth's Bushplan

The Council of the City of Gosnells fully supports Perth's Bushplan and its aims. There are, nonetheless, issues that are of concern to the City, and to Local Government in general. The City's concerns are as follows:

1. Compensation should be considered when a Local Government incurs a financial loss where a *Bushplan* site negatively affects the use of lands owned in fee simple by a Local Government. An equitable outcome could be achieved through the linking of compensation monies to the acquisition by Local Government of locally significant bushland.
2. There is a crucial requirement for State Government support to ensure the correct management of *Bushplan* sites already in Local Government management.
3. The City endorses the proposed support for Local Government on the conservation of "locally significant bushland", but stresses that the State Government must recognise the complexity and enormity of the task facing Local Government. Measures to be developed to assist in this matter must be commensurate to the task and satisfactory to the whole of Local Government. The Ministry for Planning is encouraged to work closely with Local Governments to determine the most appropriate method(s) of assistance required rather than delivering a predetermined package.
4. A coordinated and standardised approach should be applied to the mapping of "locally significant bushland" and the development of conservation strategies, and that this be proactive to allow for identification ahead of urbanisation.
5. With respect to the Tom Bateman Sporting Complex (Bushplan site [redacted] managed by the City of Gosnells, Council fully supports the conservation of the remnant vegetation covering approximately 40% of the site, and confirms that any future development will take this into account and will in no way compromise the values of the bushland areas.
6. Local Governments, in developing "negotiated planning solutions" for rural zoned lands very importantly need clear indications of Ministry for Planning support and clearly delineated development assessment parameters.
7. Clearing of bushland ahead of development/subdivision approval in order to maximise options (from the developer's point of view) is widespread. The existing regulatory framework does

SUBMISSION NO. 352

BS 456 Foot

192/81/3

9517A0

ALC 01/1/1

PUBLIC ENVIRONMENTAL REVIEW

ROE HIGHWAY EXTENSION

WELSHPOOL ROAD TO SOUTH STREET

MAIN ROADS, WESTERN AUSTRALIA

April 1993.

CONTENTS

MAKING A SUBMISSION ON THIS PROPOSAL

SUMMARY

LIST OF COMMITMENTS

CONTENTS

LIST OF FIGURES

LIST OF ATTACHMENTS

1. INTRODUCTION
2. JUSTIFICATION
 - 2.1 National Arterial Strategy
 - 2.2 Socio-economic Benefits
 - 2.3 Traffic Volumes
3. DESIGN FEATURES
4. EXISTING ENVIRONMENT
 - 4.1 Landforms and Soils
 - 4.2 Watercourses and Hydrology
 - 4.3 Flora and Vegetation
 - 4.4 Fauna
 - 4.5 Archaeology
 - 4.6 Ethnography and Cultural Features
 - 4.7 Surrounding Landuse
5. POTENTIAL IMPACTS AND THEIR MANAGEMENT
 - 5.1 Watercourses and Hydrology
 - 5.2 Flora and Vegetation
 - 5.3 Fauna
 - 5.4 Brixton Street - Flora and Fauna Constraints
 - 5.5 Archaeology
 - 5.6 Ethnography
 - 5.7 Social Impacts

CONTENTS (Continued)

- 5.7.1 Severance
- 5.7.2 Access to Roe Highway
- 5.7.3 Temporary and Long-term Alteration in Traffic Flow
- 5.7.4 Traffic Noise and Visual Intrusion
- 5.7.5 Nuisance During Construction

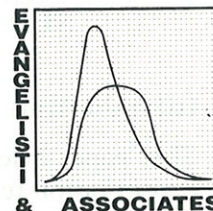
6. REFERENCES

LIST OF FIGURES

- 1.1 Existing and Planned Sections of the Roe Highway project
- 2.1 Existing Traffic Volumes in the Area
- 3.1 Concept Diagram for Roe Highway - Welshpool Road to South Street
- 3.2 Schematic diagrams of a Diamond Interchange and a Left In-Left Out intersection
- 3.3 Typical Cross Section of Roe Highway
- 4.1 Soils in the region of the Roe Highway extension
- 4.2 Vegetation in the Highway Reserve
- 4.3 Adjacent Landuse - Roe Highway, Welshpool Road to South Street
- 5.1 Profile of the Concept sketches for the bridges over the Canning River
- 5.2 Proposed Landscape Treatment Zones

LIST OF ATTACHMENTS

- APPENDIX A: Guidelines for the Preparation of the PER
- APPENDIX B: Detailed Preliminary Plans Roe Highway, Welshpool Road to South Street
- APPENDIX C: Biological Survey Report
- APPENDIX D: Report on the Archaeological Survey
- APPENDIX E: Report on the Ethnographic Survey
- APPENDIX F: Options for the Brixton Street crossing
- APPENDIX G: Public Information and Consultation



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

**Full document
available
on request**

BS 456
Foot



Water Authority
of Western Australia

Wetlands in the City of Gosnells

**Full document
available
on request**

1.48(941)
Y
Copy A



930344/1

Department of Environmental Protection Library