
APPENDIX F
LANDSCAPE PLAN

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Nillumbik Solar Facility Landscape Plan

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Prepared for LMS Energy by
JPE Design Studio

Project Number
06221
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Revision F

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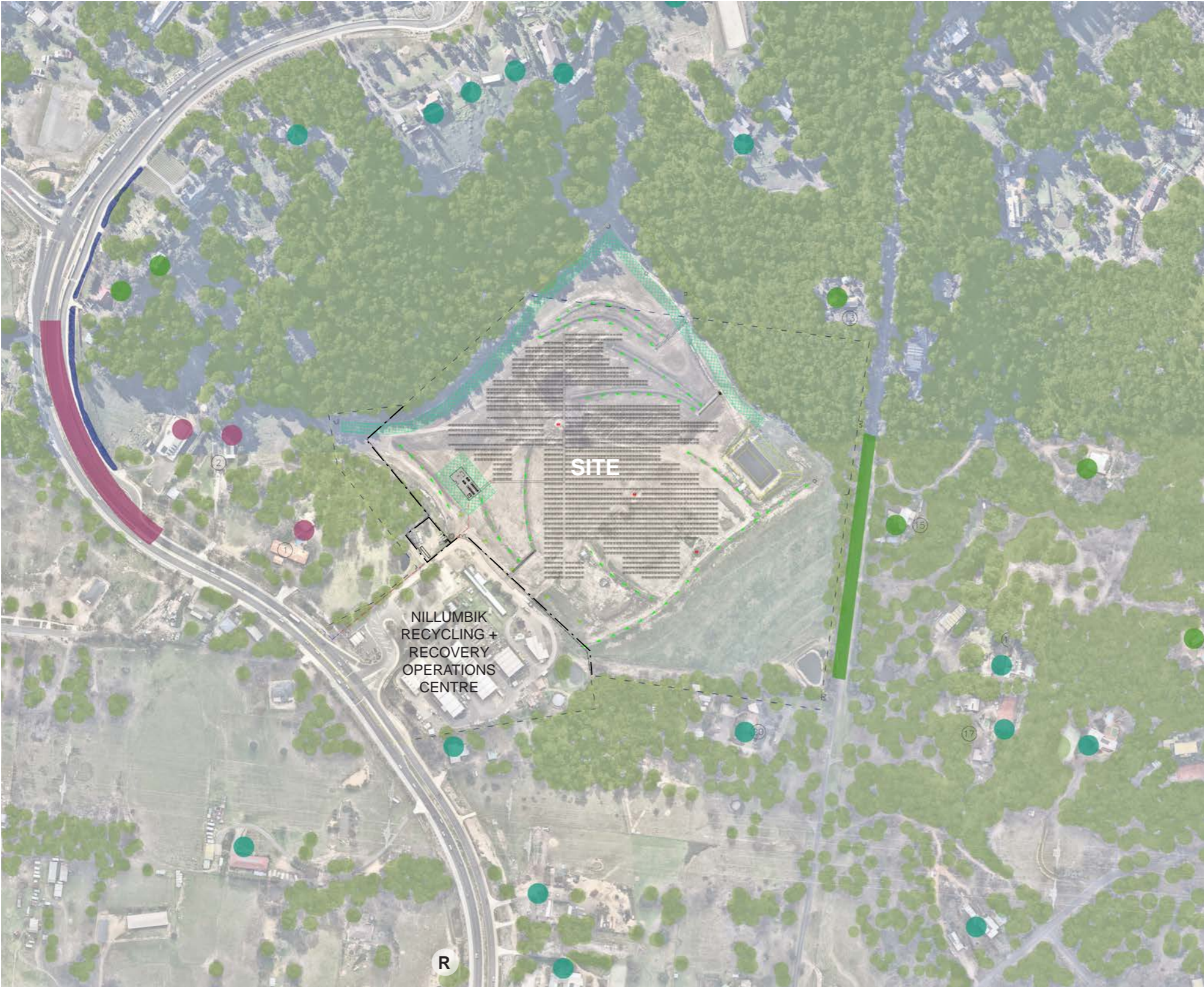
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Revision	Issue Date	Issued By	Checked By
A	16.07.21	KJ	RK
B	23.07.21	KJ	RK
C	02.08.21	KJ	RK
D	12.08.21	KJ	RK
E	29.09.21	KJ	RK
F	14.10.21	KJ	RK



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Existing Site Plan



The site plan identifies nearby locations that may be subject to visual or glare impacts by the proposed development.

Summarised below and further expanded upon by the Glare Report, the majority of these locations are expected to be screened sufficiently by the existing vegetation.

The existing screening vegetation includes established vegetation around the majority of the site, providing significant screening to adjacent properties. This mature vegetation is supplemented by recent roadside planting along Yan Yean Road, which will provide a visual barrier for vehicles travelling past the site. Details of the Yan Yean Road upgrade planting can be found on page 7.

Legend

- 1.8m fencing
- Observation Point - No Glare
- Observation Point - Glare Unlikely due to Existing Vegetation & Topography
- Observation Point - Low risk of glare
- Existing Vegetation - provides visual screening to nearby properties
- Roadside Planting - provides visual screening to Yan Yean Road

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GENERAL NOTES:

- Existing vegetation shown indicatively.
- Any relevant Tree Protection Zones to be determined onsite prior to construction.
- All excavation within Tree Protection Zones to be undertaken by hand and under the supervision of an arborist on site.

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Views



Image 01 & 02: Cleared site, grass plantings with bushland surrounding



Image 03 - 05: Visibility of the site when travelling along Yan Yean Road



Image 06 & 07: Existing roadside plantings and screening density along Heard Avenue

Views

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Image 08: Dwelling to the north, has direct view lines but the topography of the site prevents effective screen planting



Image 09: OP 2 when standing in the far west corner of the site. There are no direct views to the solar array from any significant private open space, window or living area.



Image 10: Dwellings east of heard avenue - screened by existing vegetation



Image 11: Existing vegetation provides screening to dwelling to the south-east of the site



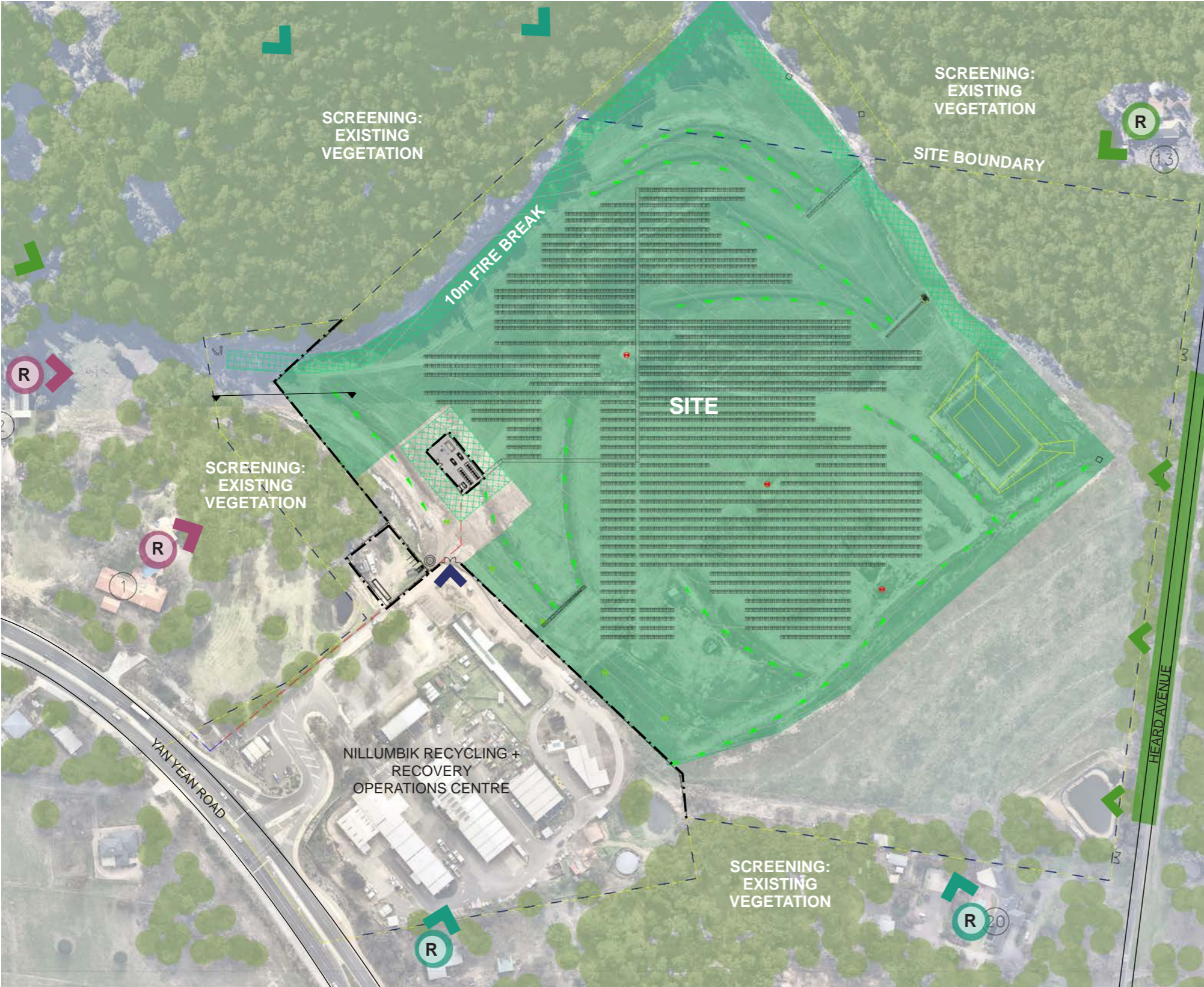
Image 12: Dwellings to the south/west (OP 1 & 2) hidden behind tree canopy, and the top of the shed at OP 3. There is no direct views to Yan Yean Road past the existing tree line.



Image 13: Existing trees along the driveway

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Landscape Plan



The landscape plan has been developed to address any potential visual quality or glare issues from adjacent properties.

All existing vegetation is to be retained, and provides significant visual screening to the site.

In addition, the planting associated with the recent Yan Yeon Road Upgrade will provide screening in critical areas.

- Legend**
- 1.8m fencing [Refer to Civil documentation]
 - Site Access
 - == Road
 - R Nearby Residence
- Potential Visual Impact*
- No Glare
 - Unlikely Risk of Glare due to existing vegetation & topography
 - Low Risk of Glare - Additional screening proposed
- Existing Vegetation to be retained - provides visual screening to nearby properties
 - Site Vegetation - AusVic Perennial Ryegrass

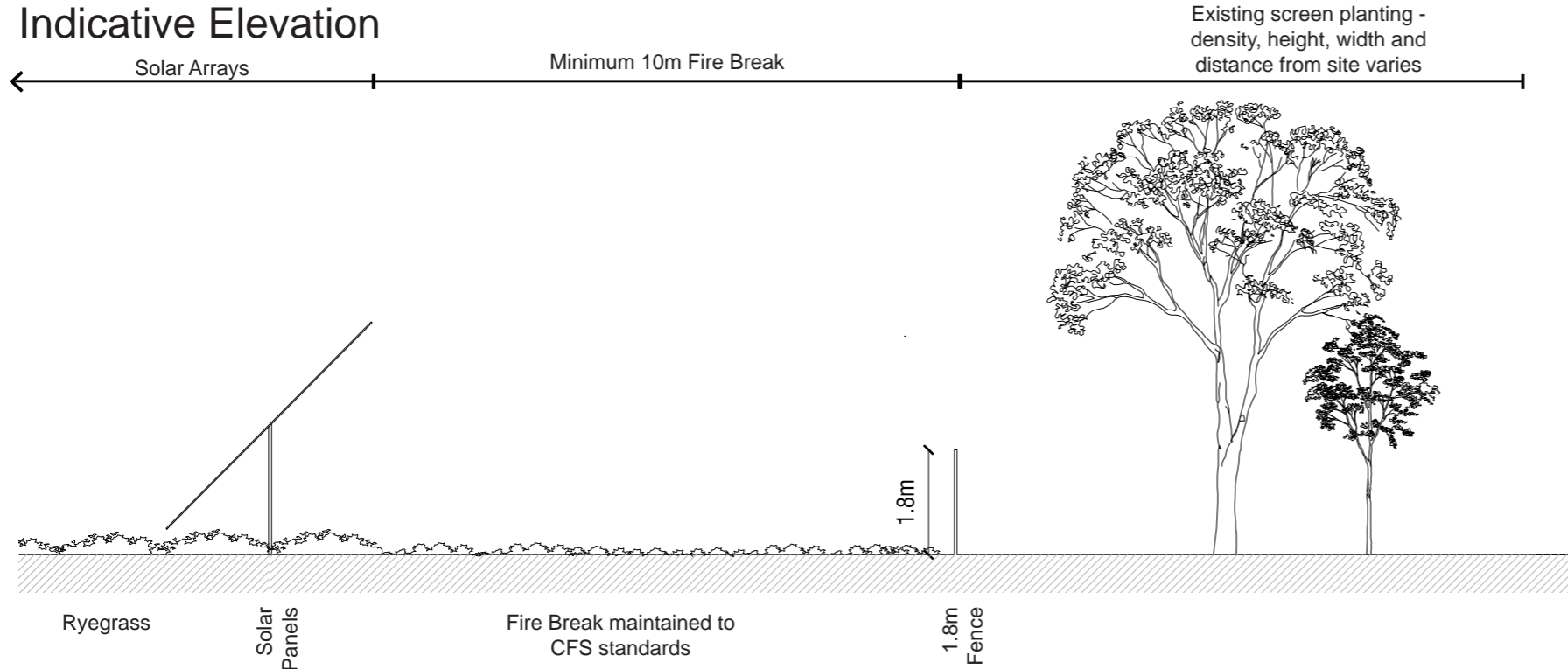
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Landscape Plan

Indicative Elevation



Maintenance Schedule

Item	Timing
Visual inspection for plant health	Once monthly for first 6 months
Visual inspection for plant health	Bi-monthly for 6 to 12 months
Visual inspection for plant health	Six-monthly from 12 months onwards
Weed removal	Identify and remove when undertaking visual inspections
Grass mowing	As required to maintain below 100mm during the declared Fire Danger Period, Monthly from May to October
Reduction of fire load	Identify and remove dry debris and litter when undertaking visual inspections

Note:

All screening plants will be inspected as part of the monthly site inspection by staff and dead, diseased, or damaged plants will be removed where necessary.

Weed removal method to comply with all local regulations.

Planting Schedule - Yan Yean Road Upgrade

Scientific Name	Common Name	H	W	Number	Density per m2
Acacia acinacea	Gold Dust Wattle	0.5-2.5m	2-4m	2	0.25
Acacia genistifolia	Spreading Wattle	1-3m	1-3m	2	0.25
Billardiera scandens var. Scandens	Common Apple-Berry	0.2-1.5m	0.5-3m	20	1
Cassinia arcuata	Cassinia	1-3m	1-2m	20	0.5
Clematis decipiens	Small-Leaf Clematis	5m		4	0.5
Correa glabra	Rock Correa	1-2m	1-2m	20	1
Correa reflexa	Common Correa	0.3-3m	1-3m	40	1
Eucalyptus blakelyi	Blakely's Red Gum	20-25m		5	0.25
Eucalyptus goniocalyx	Long-leaved box	8-20m	6-15m	2	0.25
Eucalyptus macrorhyncha	Red Stringybark	10-35m	10-20m	5	0.25
Eucalyptus melliodora	Yellow Box	20-35m	20-30m	2	0.25
Eucalyptus tricarpa	Red Ironbark	20m	10m	2	0.25
Eucalyptus polyanthemos	Red Box	10-25m	5-15m	10	0.25
Lomandra longifolia	Spiny-headed Mat-Rush	0.5-1m	0.8-1m	60	3
Microlaena stipoides	Weeping Grass	0.1-0.7m	0.2-1m	32	4
Ozothamnus obcordatus	Grey Everlasting	0.8m	0.5m	40	2
Poa sieberiana	Grey Tussock-Grass	0.4m	0.4m	32	4
Rubus parvifolius	Native Raspberry	0.6-1m	0.5-2m	16	2
Pteridium esculentum	Bracken Fern	0.6-1m	1.5m	10	0.5
				324	0.81

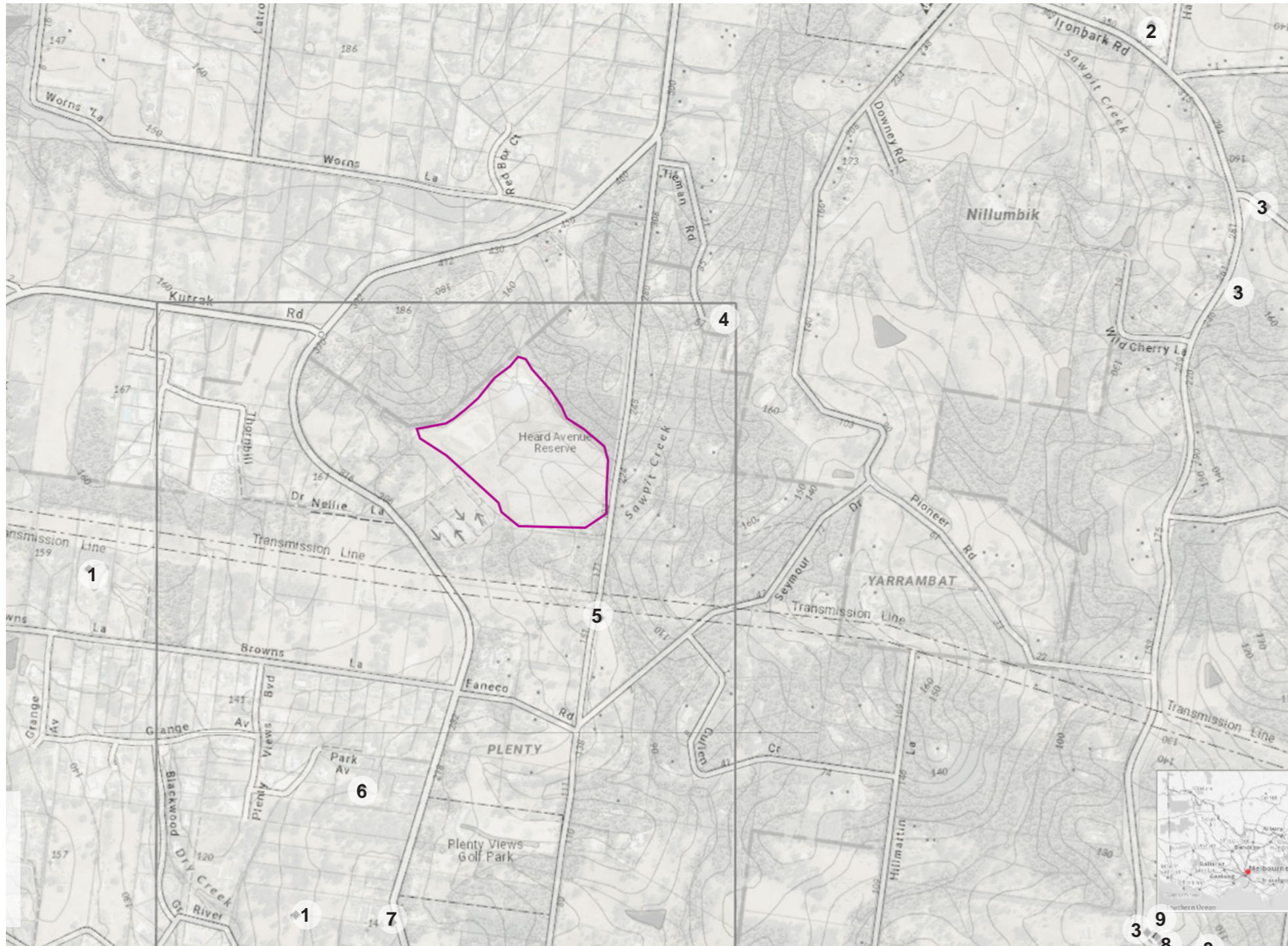


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Threatened Flora

There are no threatened flora species identified onsite. Given that there is no proposed vegetation removal, the development is not expected to negatively impact the threatened flora in the area.

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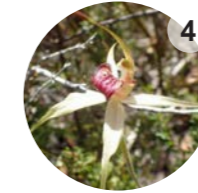
Melaleuca amarillis ssp. amarillis



Grevillea rosmarinifolia ssp. rosmarinifolia



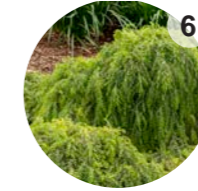
Billardiera scandens s.s.



Caladenia amoena



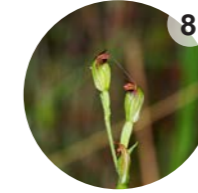
Eucalyptus yarraensis



Acacia howittii



Geranium sp.



Pterostylis clivosa

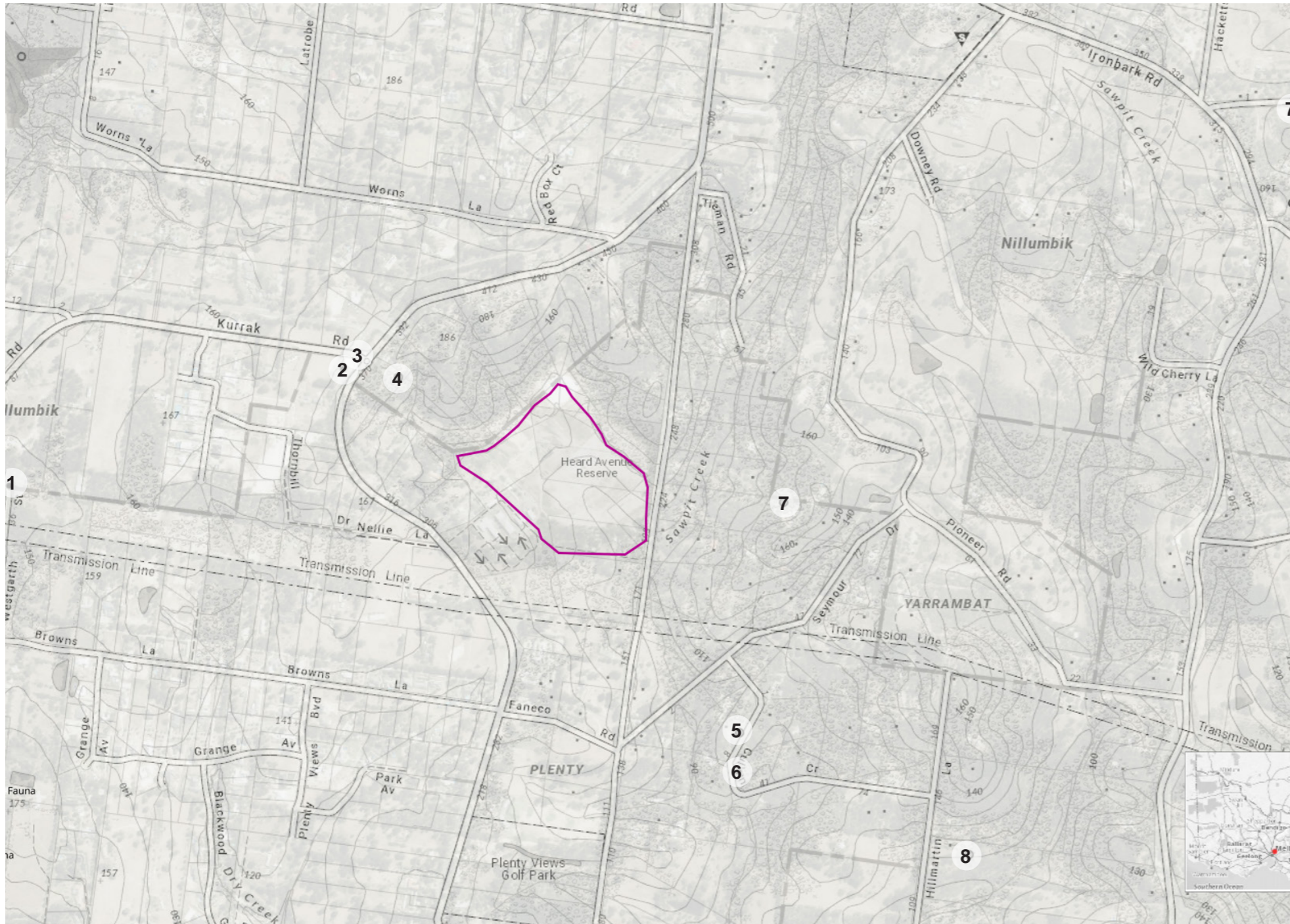


Pterostylis smarogdyna

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Threatened Fauna

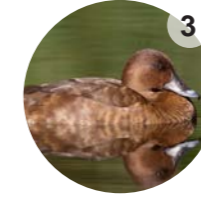
There are no threatened fauna species identified onsite. Given that there is no proposed vegetation removal, the development is not expected to negatively impact the threatened fauna in the area.



Ninox stenua



Gallinago hardwickii



Aythya australis



Miniopterus schreibersii



Lathamus discolor



Nycticorax caledonicus



Pseudophryne semimarmorata



Hirundapus caudacutus

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