

CULCAIRN SOLAR FARM

CUMMINGS ROAD / WEEAMERA ROAD – CULCAIRN

KEY

1

Site access

2

Existing transmission lines

3

Battery Energy Storage System (BESS)

4

Substation

5

Public roads

6

Proposed Vegetation Buffer

7

Gas Easement

Existing scattered vegetation to be retained

Proposed vegetation buffer

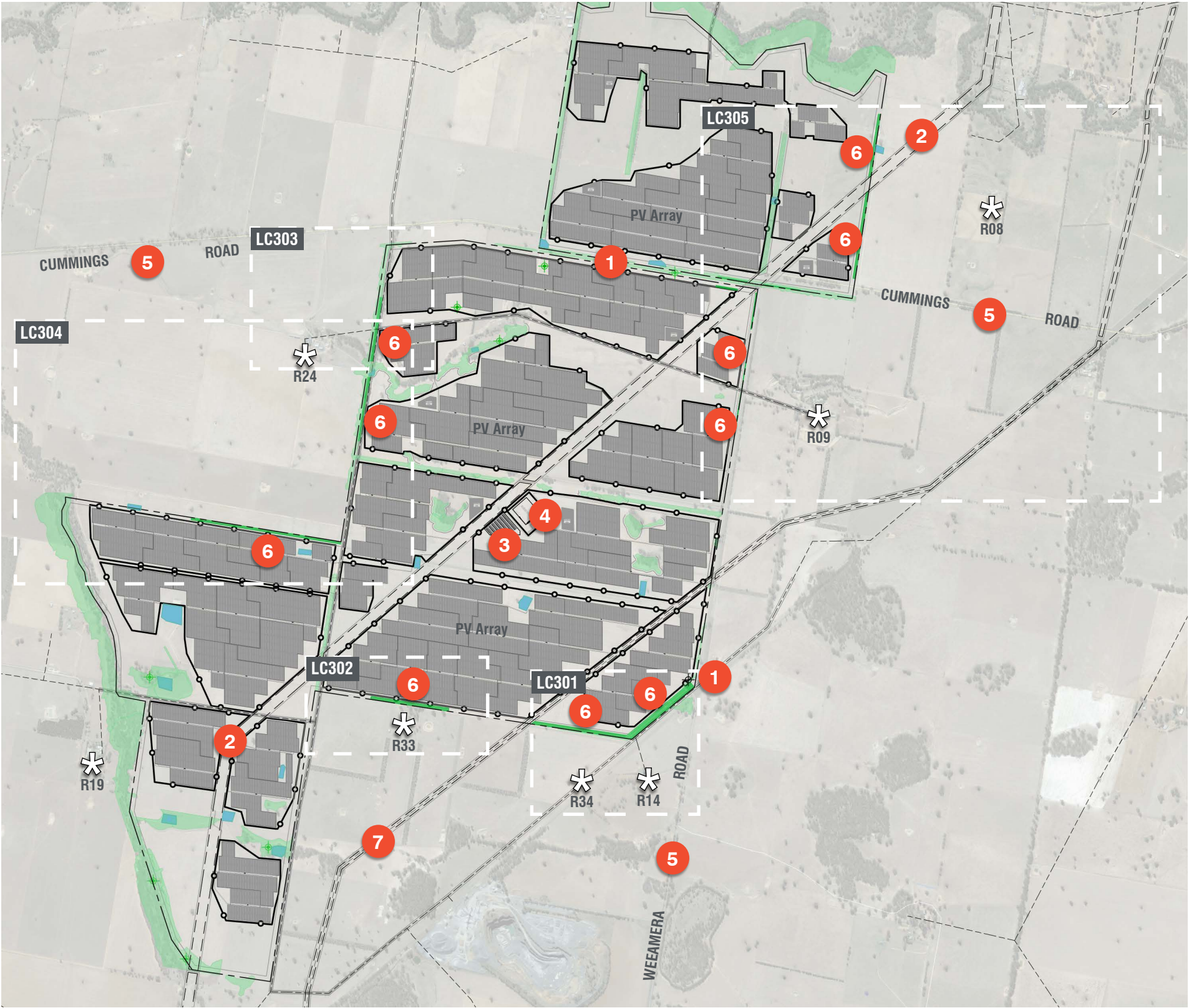
Existing dams to be retained

*

Existing adjacent receiver

11kV distribution lines

Proposed site fencing



CULCAIRN SOLAR FARM

CUMMINGS ROAD / WEEAMERA ROAD – CULCAIRN

KEY

- 1 Site access
- 2 South east vegetation buffer 40m width + 15m APZ
- 3 Southern vegetation buffer 20m width + 10m APZ
- 4 Gas Easement
- Existing scattered vegetation to be retained
- Proposed vegetation buffer
- Existing adjacent receiver
- 11kV distribution lines

Revegetation species to include the following species (refer Indicative Plant Schedule LC306)

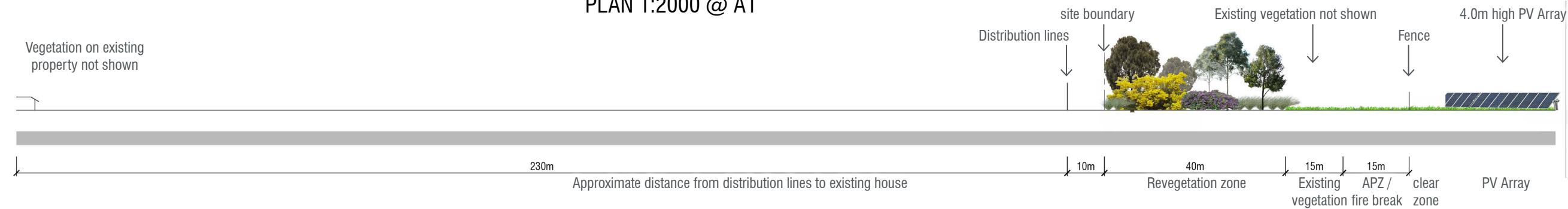
Large evergreen trees e.g.
Eucalyptus blakelyi (Blakely's Red Gum)
Eucalyptus melliodora (Yellow Box)
Eucalyptus polyanthemos (Red Box)

Medium evergreen trees e.g.
Acacia dealbata (Silver Wattle)
Acacia implexa (Lightwood)
Allocasuarina luehmannii (Bulloak)
Allocasuarina verticillata (Drooping Sheoak)

Shrubs and groundcovers e.g.
Acacia acinacea (Gold-dust Wattle)
Acacia rubida (Red-stemmed Wattle)
Bursaria spinosa (Sweet Bursaria)
Dodonea viscosa subsp. *angustissima* (Narrow-leaf Hop-bush)



PLAN 1:2000 @ A1

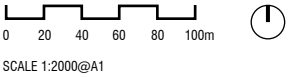


SECTION A-A' 1:500 @ A1

LANDSCAPE CONCEPT DESIGN

DETAIL PLAN 1

DRG NO.	REV	DATE	DES/DOC	AUTH	AMENDMENT
307415 LC301	B	16/01/2020	SLM/SME	-	ISSUE FOR REVIEW AND COMMENT



CULCAIRN SOLAR FARM

CUMMINGS ROAD / WEEAMERA ROAD – CULCAIRN

KEY

- 1 South boundary vegetation buffer 20m width + 10m APZ
- 2 Existing transmission lines
- Existing scattered vegetation to be retained
- Proposed vegetation buffer
- Existing adjacent receiver
- 11kV distribution lines

Revegetation species to include the following species (refer Indicative Plant Schedule LC306)

Large evergreen trees e.g.

- Eucalyptus blakelyi* (Blakely's Red Gum)
- Eucalyptus melliodora* (Yellow Box)
- Eucalyptus polyanthemos* (Red Box)

Medium evergreen trees e.g.

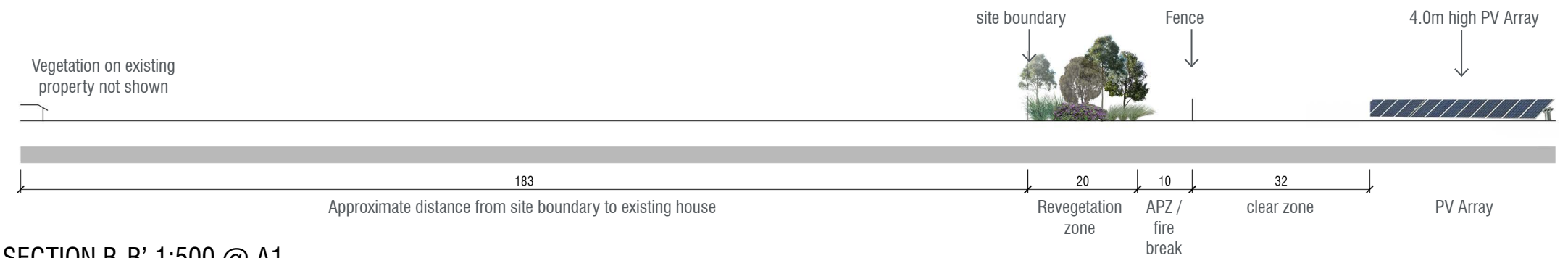
- Acacia dealbata* (Silver Wattle)
- Acacia implexa* (Lightwood)
- Allocasuarina luehmannii* (Bulloak)
- Allocasuarina verticillata* (Drooping Sheoak)

Shrubs and groundcovers e.g.

- Acacia acinacea* (Gold-dust Wattle)
- Acacia rubida* (Red-stemmed Wattle)
- Bursaria spinosa* (Sweet Bursaria)
- Dodonea viscosa* subsp. *angustissima* (Narrow-leaf Hop-bush)

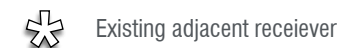


PLAN 1:2000 @ A1



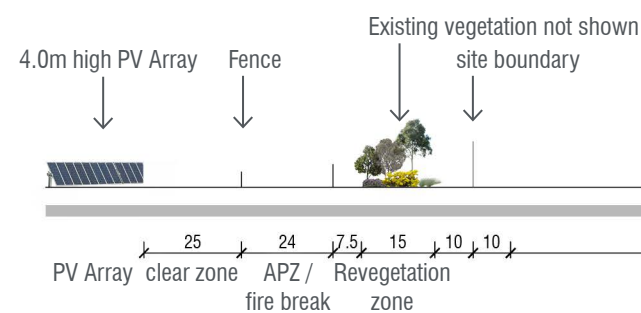
CUMMINGS ROAD / WEEAMERA ROAD – CULCAIRN

1 West boundary vegetation buffer 15m width + 10m APZ to augment existing scattered vegetation

 Proposed vegetation buffer

11kV distribution lines

Dodonea viscosa subsp. *angustissima* (Narrow-leaf Hop-bush)

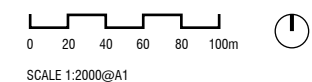


PLAN 1:2000 @ A1

LANDSCAPE CONCEPT DESIGN

DETAIL PLAN 3

DRG NO.	REV	DATE	DES/DOC	AUTH	AMENDMENT
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CULCAIRN SOLAR FARM

CUMMINGS ROAD / WEEAMERA ROAD – CULCAIRN

KEY

- 1 West boundary vegetation buffer 15m width + 10m APZ to augment existing scattered vegetation
- 2 North boundary vegetation buffer 15m width + 10m APZ
-  Existing scattered vegetation to be retained
-  Proposed vegetation buffer
-  Existing dams to be retained
-  Existing adjacent receiver
-  11kV distribution lines

Revegetation species to include the following species (refer Indicative Plant Schedule LC306)

Large evergreen trees e.g.

Eucalyptus blakelyi (Blakely's Red Gum)
Eucalyptus melliodora (Yellow Box)
Eucalyptus polyanthemos (Red Box)

Medium evergreen trees e.g.

Acacia dealbata (Silver Wattle)
Acacia implexa (Lightwood)
Allocasuarina luehmannii (Bulloak)
Allocasuarina verticillata (Drooping Sheoak)

Shrubs and groundcovers e.g.

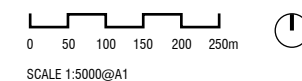
Acacia acinacea (Gold-dust Wattle)
Acacia rubida (Red-stemmed Wattle)
Bursaria spinosa (Sweet Bursaria)
Dodonea viscosa subsp. *angustissima* (Narrow-leaf Hop-bush)



LANDSCAPE CONCEPT DESIGN

DETAIL PLAN 4

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CULCAIRN SOLAR FARM

CUMMINGS ROAD / WEEAMERA ROAD – CULCAIRN

KEY

- 1

East boundary vegetation buffer 15m width
- 2

Existing transmission lines
- 3

Cummings Road vegetation buffer (north side) 5m width to augment existing scattered vegetation
- 4

Cummings Road vegetation buffer (north side) 10m width to augment existing scattered vegetation
- 5

Cummings Road vegetation buffer (south side) 10m width
- 6

Eastern boundary vegetation buffer 5m width
- 7

Eastern boundary vegetation buffer 5m width
- Existing scattered vegetation to be retained
- Proposed vegetation buffer
- Existing dams to be retained
- *

Existing adjacent receiver
- 11kV distribution lines

Revegetation species to include the following species (refer Indicative Plant Schedule LC306)

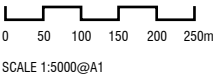
Large evergreen trees e.g.
Eucalyptus blakelyi (Blakely's Red Gum)
Eucalyptus melliodora (Yellow Box)
Eucalyptus polyanthemus (Red Box)

Medium evergreen trees e.g.
Acacia dealbata (Silver Wattle)
Acacia implexa (Lightwood)
Allocasuarina luehmannii (Bulloak)
Allocasuarina verticillata (Drooping Sheoak)

Shrubs and groundcovers e.g.
Acacia acinacea (Gold-dust Wattle)
Acacia rubida (Red-stemmed Wattle)
Bursaria spinosa (Sweet Bursaria)
Dodonea viscosa subsp. *angustissima* (Narrow-leaf Hop-bush)

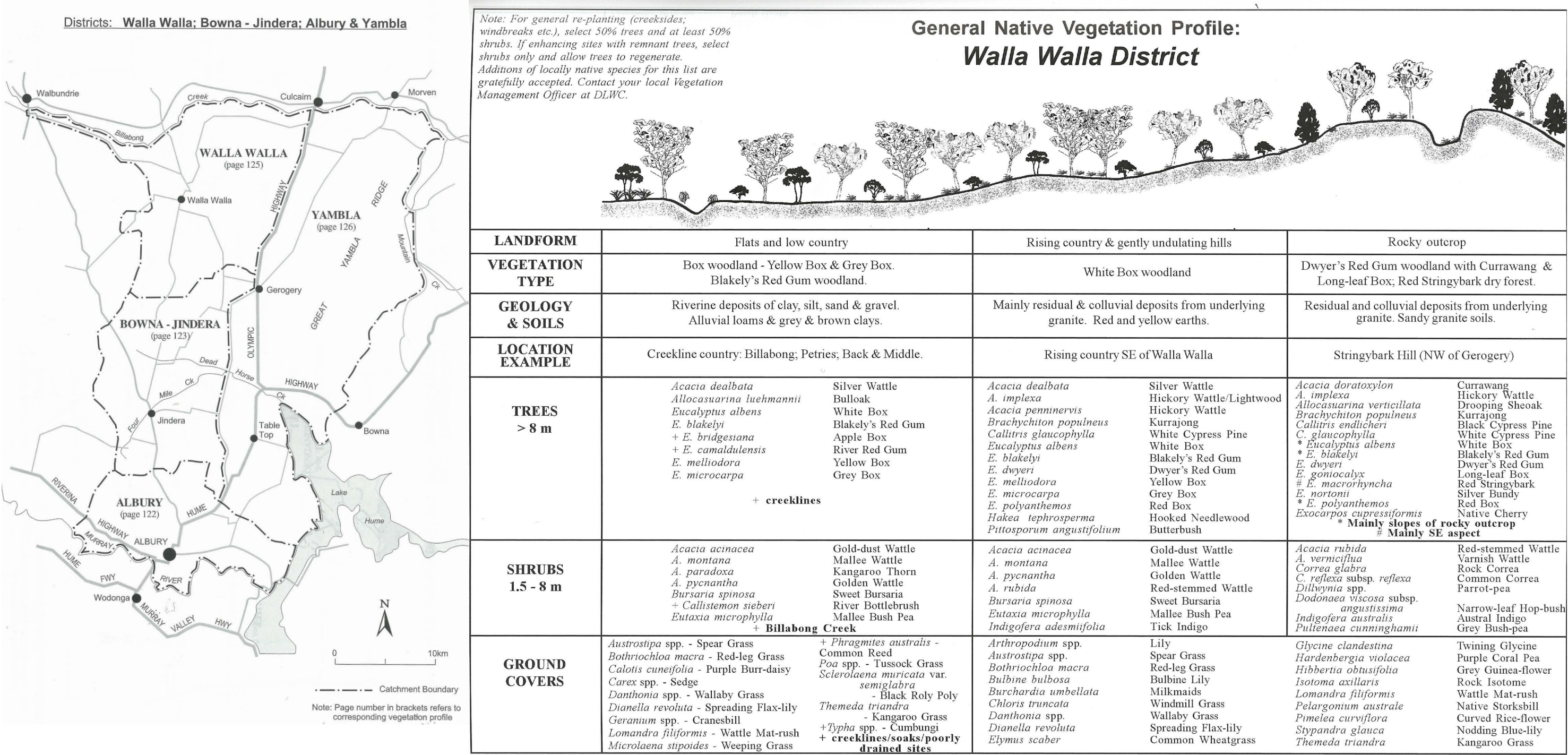


DRG NO.	REV	DATE	DES/DOC	AUTH	AMENDMENT
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Revegetation Species list copy from:
South West Slopes Revegetation Guide
Murray Catchment Management Committee and Department of Land & Water Conservation (1998)