

Landscape Concept Design Package (for Town Planning)

Rangebank BESS

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c/KLM Spatial

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PROJECT ADDRESS:

280 Evans Road. Cranbourne West VIC 3977

PROJECT PHASE:

Landscape Concept

Issue: 9 10.12.21

DRAWING REGISTER:

DRAWING NO.	DRAWING TITLE	SHEET	REV.
LSK-000	Cover Page	1	
LSK-100	Landscape Plan	2	
LSK-101	Landscape Plan	3	
LSK-102	Landscape Plan	4	
LSK-200	Landscape Elevation	5	
LSK-201	Landscape Elevation	6	
LSK-202	Landscape Elevation	7	B
LSK-300	Precedent Images	8	
LSK-400	Planting List / Palette	9	

DESIGN STATEMENT

As a significant investment into Victoria, Rangebank BESS project represents an important type of infrastructure for renewable energy within our state.

The design aims to create a visual landscape for the site with integrated environmental benefit, to further embed and contribute to the climate positive principles of this project. The design also allows for enhancing the visual aesthetics of the Rangebank BESS that considers whole-of-site, context and workers within the facility.

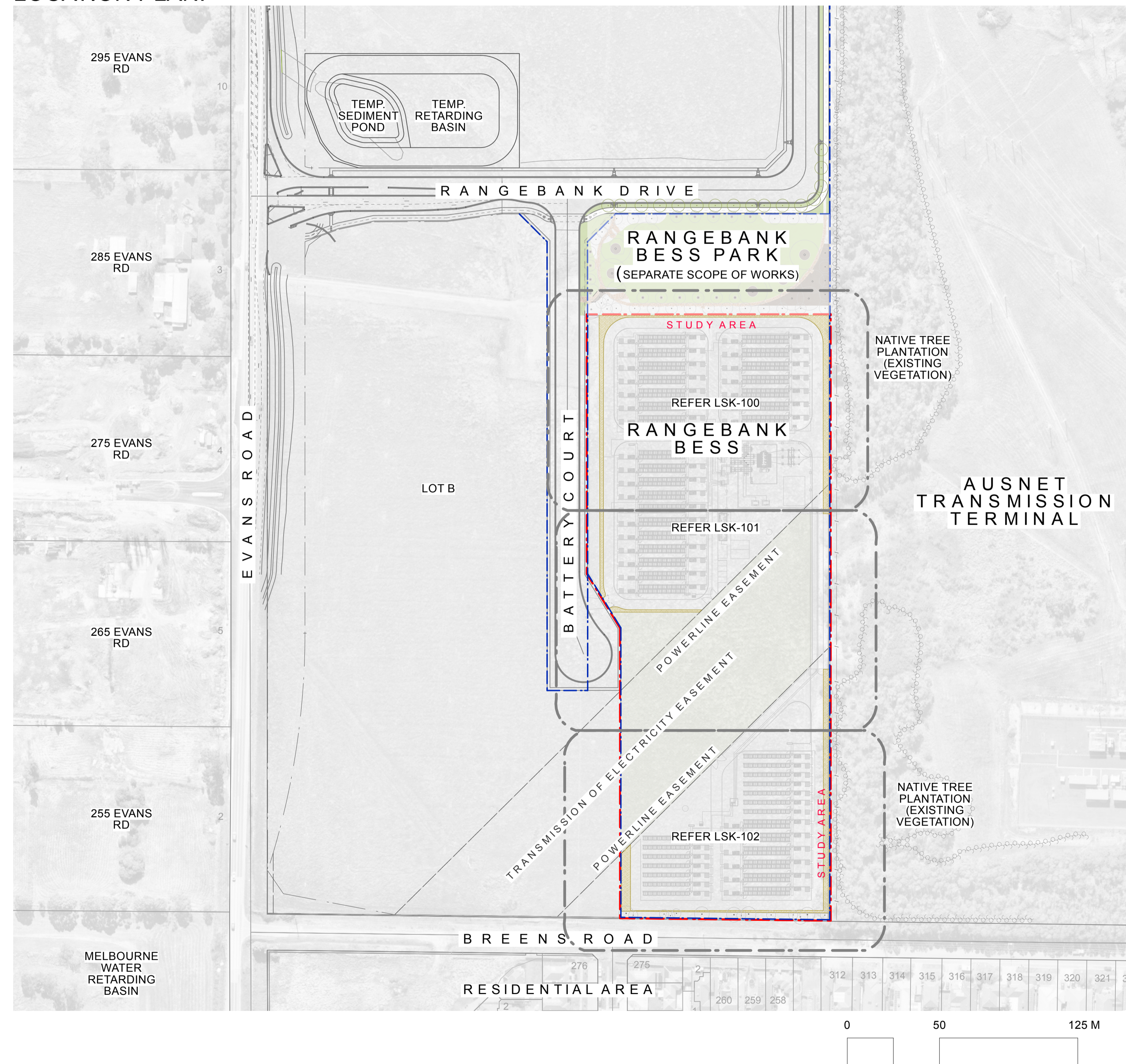
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ACKNOWLEDGEMENT OF COUNTRY:

We acknowledge and respect Traditional Owners as the original custodians of Victoria's land and waters that were never ceded. We honour elders past and present whose knowledge, connection and wisdom has ensured the continuation of culture and care for Country for tens of thousands of years.

LOCATION PLAN:



POLLEN

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PROJECT
Rangebank BESS
Landscape Works

CLIENT
Macquarie Corporate Holdings Pty Ltd
c/KLM Spatial
Suite 1, Building 2, 3 Ordish Road, Dandenong VIC 3175

CLIENT REFERENCE
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PHASE
Landscape Concept

JOB NUMBER
210206
DRAWING TITLE
Cover Page

REV.	COMMENT	DATE
D	TOWN PLANNING PACKAGE	04.08.21
E	TOWN PLANNING PACKAGE	11.08.21
F	TOWN PLANNING PACKAGE	22.09.21
G	TOWN PLANNING PACKAGE	01.12.21
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SCALE
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SHEET
1 of 9

DRAWING NO.
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ISSUE
9

RANGEBANK BESS PARK

(SEPARATE SCOPE OF WORKS)

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- ### LEGEND
- STUDY AREA
 - TITLE BOUNDARY
 - EXISTING
 - CONTOURS
 - EXISTING CONTOURS
 - PROPOSED
 - CONTOURS
 - PROPOSED CONTOURS. REFER ENGINEERS DOCUMENTATION PACKAGE
 - INDICATIVE CONTOURS
 - INDICATIVE LANDSCAPE WORKS CONTOURS
 - GRAVEL / BLUE METAL
 - 2.1m HIGH BLACK PALISADE FENCE
 - 2.1m HIGH BLACK COATED CHAIN MESH FENCE
 - PLANTING MIX 01
 - REFER LSK-400 PLANTING LIST / PALETTE
 - PLANTING MIX 02
 - REFER LSK-400 PLANTING LIST / PALETTE
 - PLANTING MIX 03
 - REFER LSK-400 PLANTING LIST / PALETTE
 - PLANTING MIX 04
 - REFER LSK-400 PLANTING LIST / PALETTE

- ### KEY
- ① 2.1m HIGH PALISADE BLACK COLOUR COATED METAL FENCE ALONG SHARED BOUNDARY OF RANGEBANK BESS PARK AND THE COURT FRONTAGE OF RANGEBANK BESS SITE
 - ② SCREENING PLANTING TO COMPLETE AND CONTRAST PALISADE FENCE
 - ③ CLIMBING AND ROBUST PLANTING AGAINST PALISADE FENCE
 - ④ 2.1m HIGH BLACK COLOUR COATED CHAIN MESH FENCE TOPPED WITH 3 STRANDS OF BARBED WIRE ALONG EASTERN BOUNDARY OF RANGEBANK BESS SITE

NOTES

REFER TO ENDORSED STREETSCAPE MASTER PLAN FOR APPROVED REMOVAL OF EXISTING TREES ONSITE.

INDICATIVE CONTOURS AND GRADING ONLY. CIVIL ENGINEER TO PROVIDE FINAL CONTOURS AND GRADING FOR THE SITE WITHIN DETAILED DESIGN.

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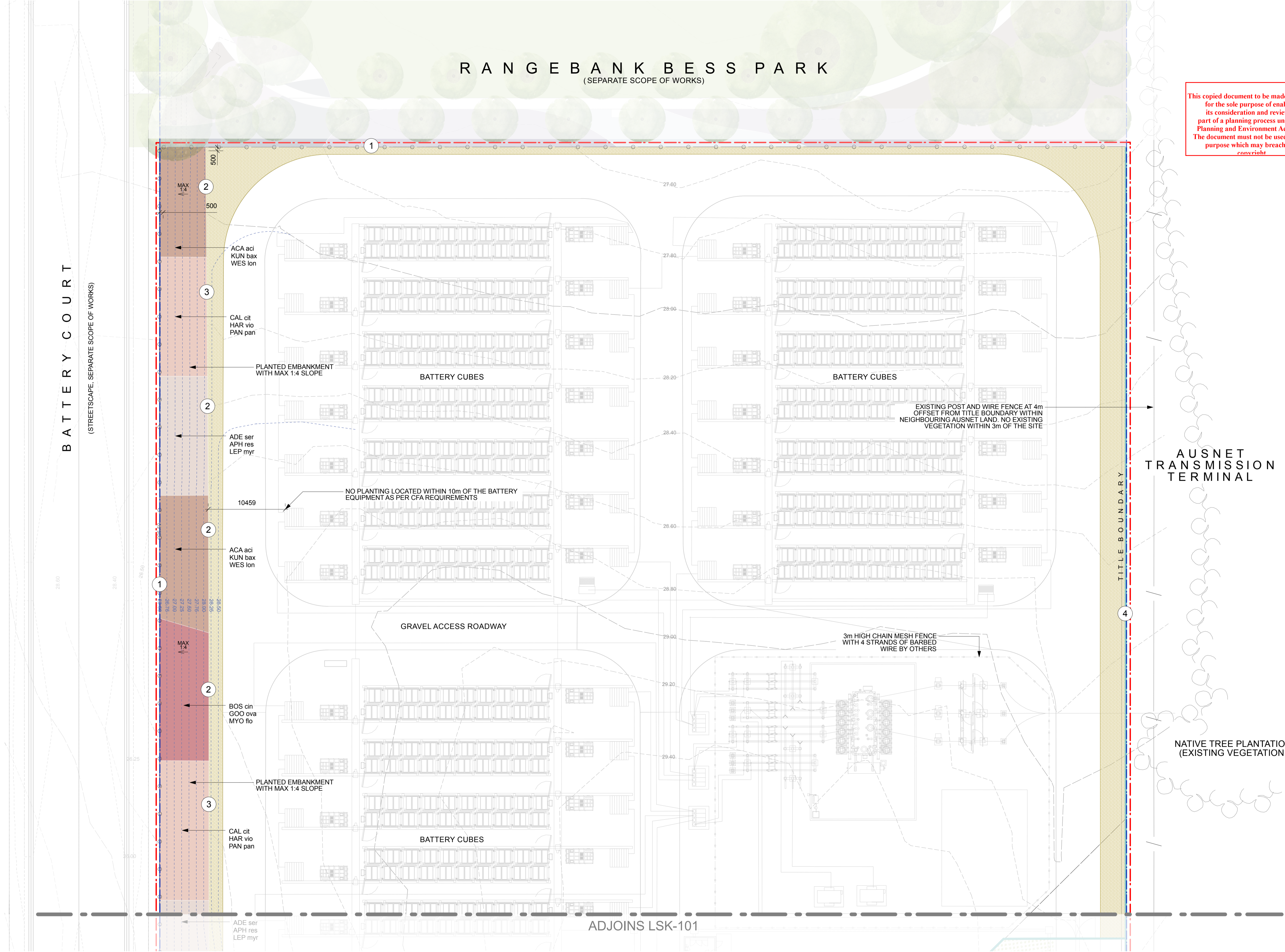
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SHEET
2 of 9

DRAWING NO.
LSK-100

NORTH

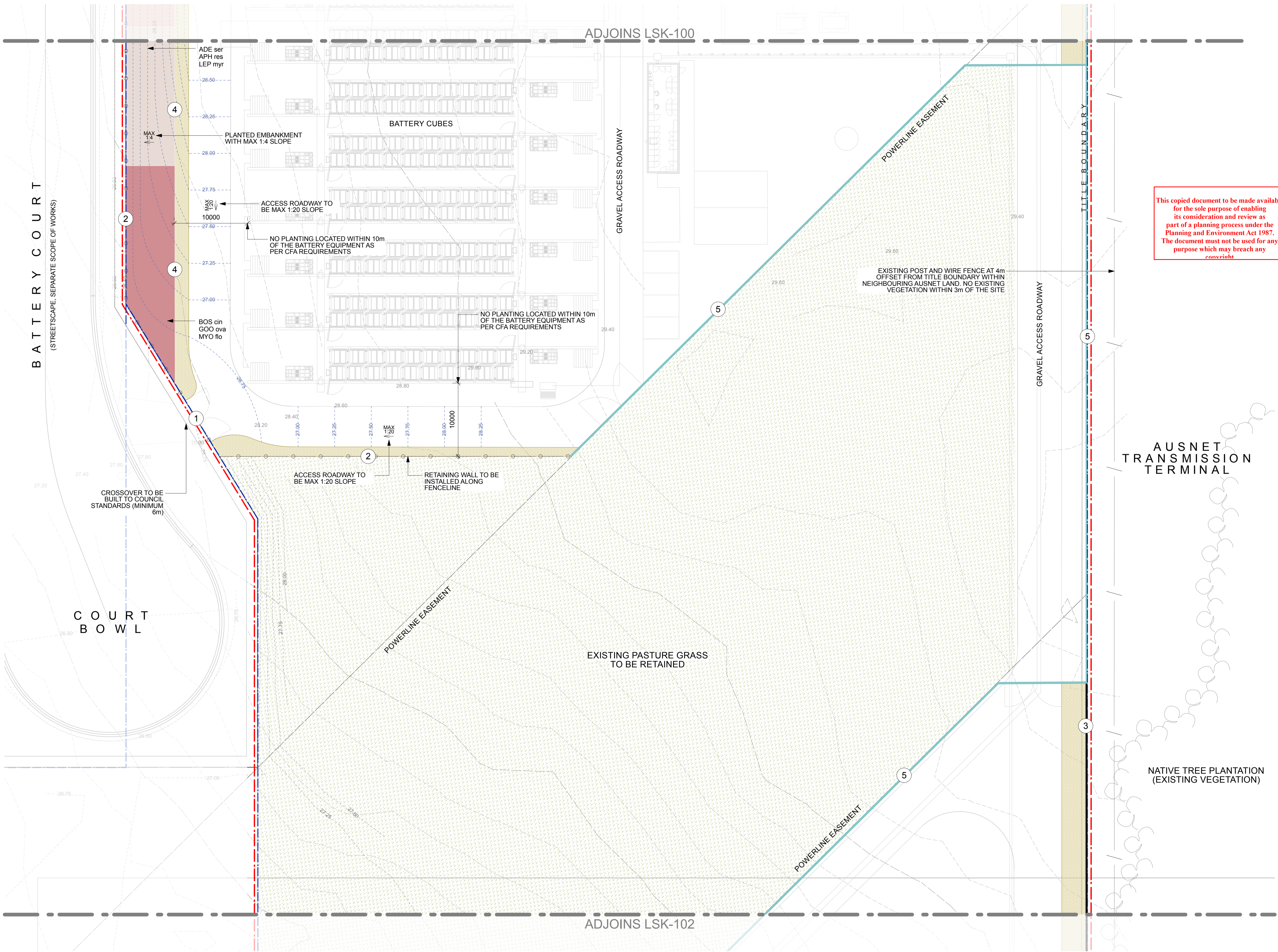
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9



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- GRAVEL / BLUE METAL
- RETAINED PASTURE GRASS
- 2.1m HIGH BLACK PALISADE FENCE
- 2.1m HIGH BLACK COATED CHAIN MESH FENCE
- 4.5m HIGH ACOUSTIC WALL
- PLANTING MIX 01
REFER LSK-400 PLANTING LIST / PALETTE
- PLANTING MIX 03
REFER LSK-400 PLANTING LIST / PALETTE

KEY

- ① VEHICULAR ACCESS POINT INTO RANGEBANK BESS SITE
- ② 2.1m HIGH PALISADE BLACK COLOUR COATED METAL FENCE ALONG COURT FRONTAGE OF RANGEBANK BESS SITE
- ③ 4.5m HIGH ACOUSTIC WALL
- ④ SCREENING PLANTING TO COMPLETE AND CONTRAST PALISADE FENCE
- ⑤ 2.1m HIGH BLACK COLOUR COATED CHAIN MESH FENCE TOPPED WITH 3 STRANDS OF BARBED WIRE AROUND POWERLINE EASEMENT

NOTES

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PROJECT
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Landscape Works

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PHASE
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JOB NUMBER
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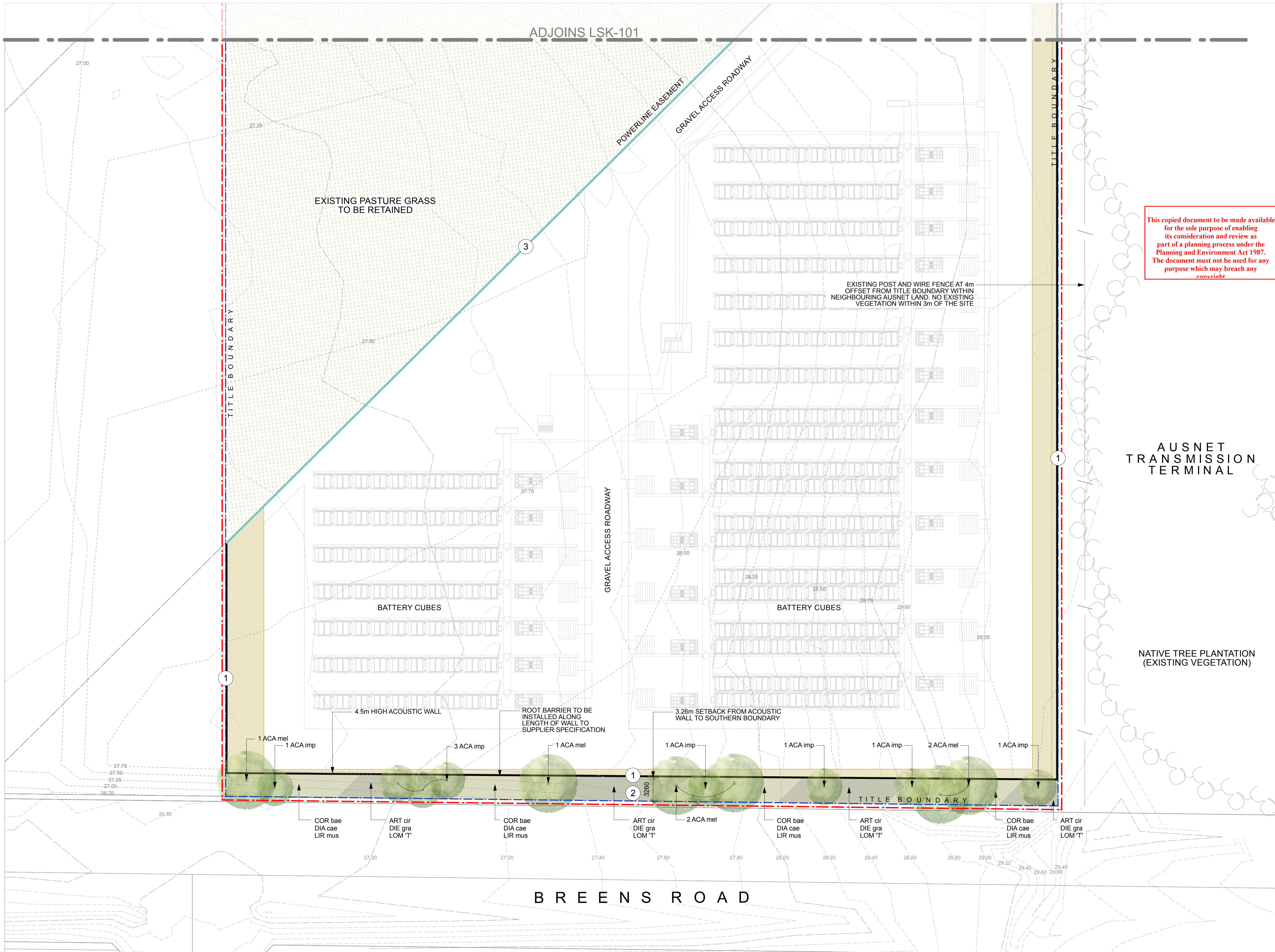
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SHEET
3 of 9

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LSK-101

NORTH

ISSUE
9



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- PROPOSED
 - CONTOURS
 - PROPOSED CONTOURS, REFER ENGINEERS DOCUMENTATION PACKAGE
 - PROPOSED TREE
 - REFER LSK-400 PLANTING LIST / PALETTE
 - GRAVEL / BLUE METAL
 - RETAINED PASTURE GRASS
 - 2.1m HIGH BLACK PALISADE FENCE
 - 2.1m HIGH BLACK COATED CHAIN MESH FENCE
 - 4.5m HIGH ACOUSTIC WALL
 - PLANTING MIX 05
 - REFER LSK-400 PLANTING LIST / PALETTE
 - PLANTING MIX 06
 - REFER LSK-400 PLANTING LIST / PALETTE

KEY

- 1 4.5m HIGH ACOUSTIC WALL
- 2 SHADE TOLERANT PLANTED BUFFER TO SOUTHERN RESIDENTIAL AREA BETWEEN ACOUSTIC WALL AND PALISADE FENCE
- 3 2.1m HIGH BLACK COLOUR COATED CHAIN MESH FENCE TOPPED WITH 3 STRANDS OF BARBED WIRE AROUND POWERLINE EASEMENT

AUSNET TRANSMISSION TERMINAL

NATIVE TREE PLANTATION (EXISTING VEGETATION)

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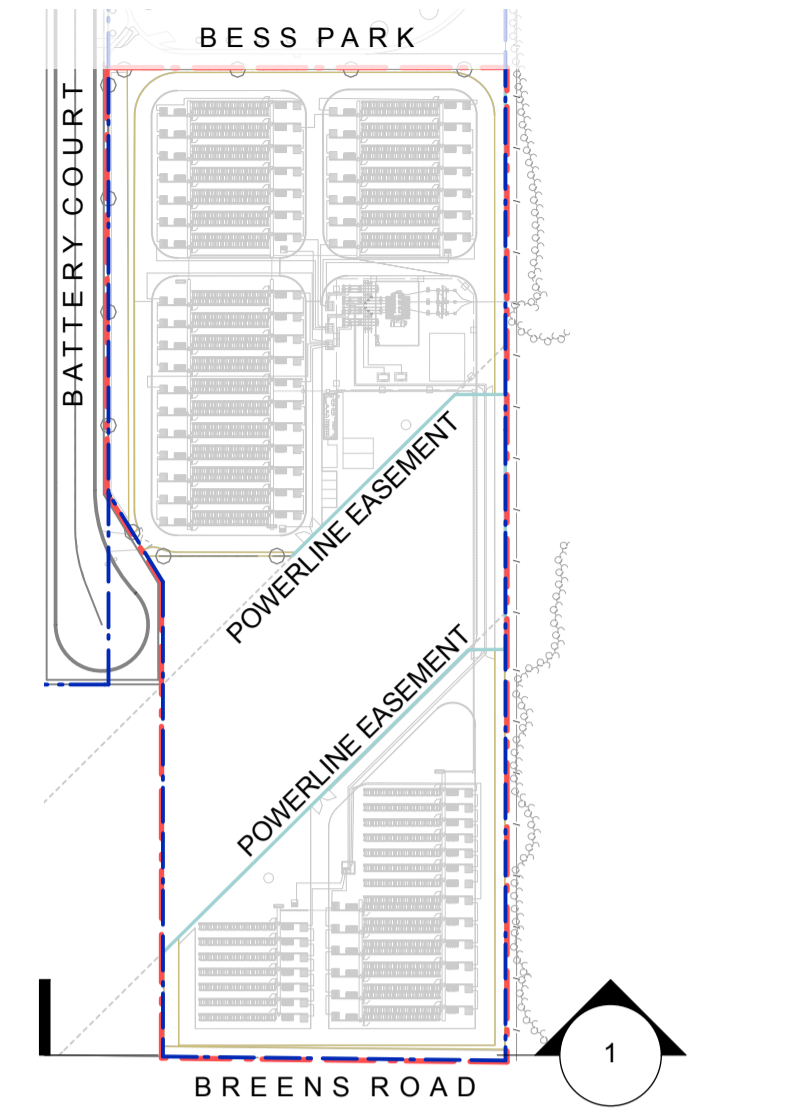
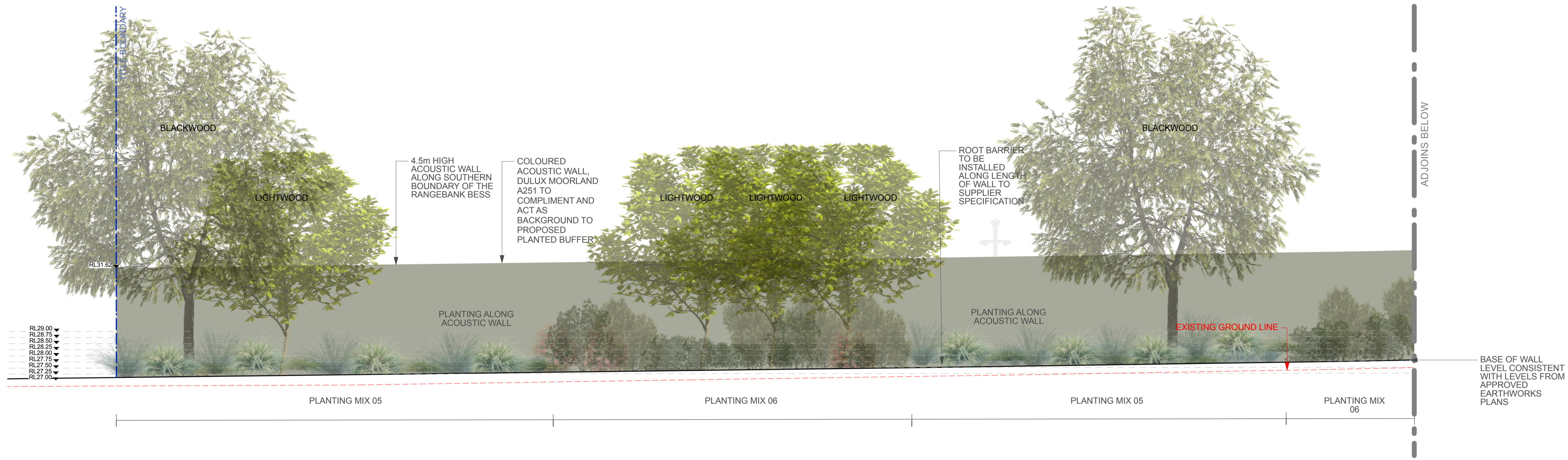


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SHEET
4 of 9

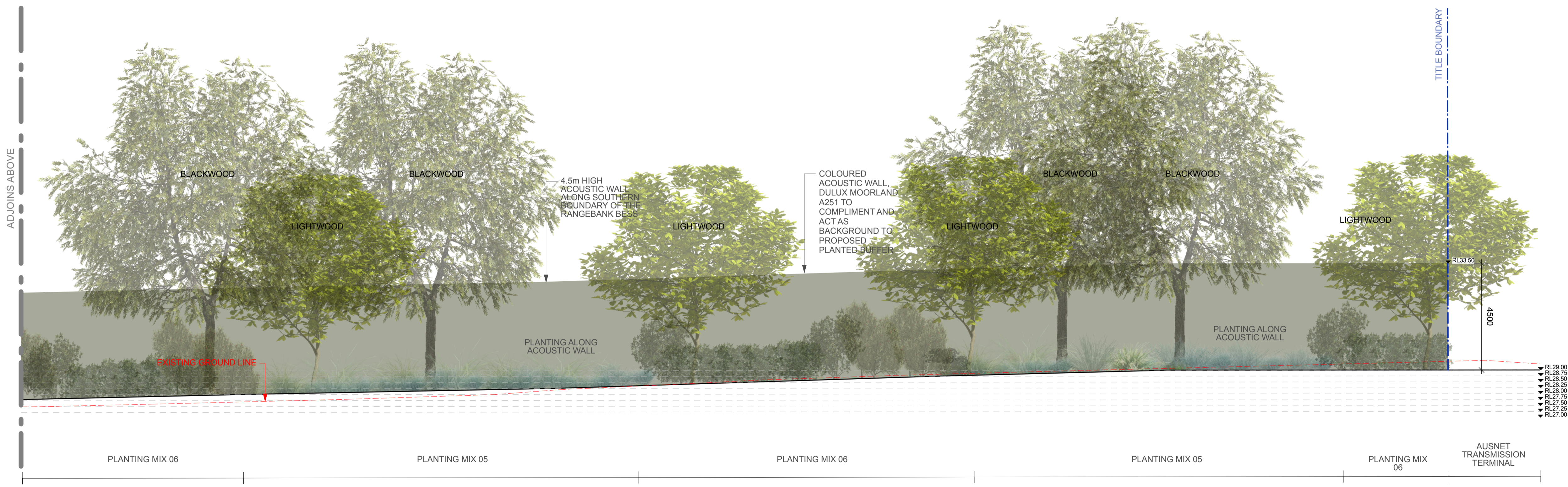
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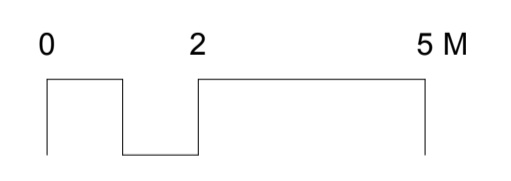


KEY PLAN
1:2500 @ A1 | 1:5000 @ A3

BASE OF WALL LEVEL CONSISTENT WITH LEVELS FROM APPROVED EARTHWORKS PLANS



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01 ELEVATION - ACOUSTIC WALL ALONG SOUTHERN BOUNDARY
1:100 @ A1 | 1:200 @ A3

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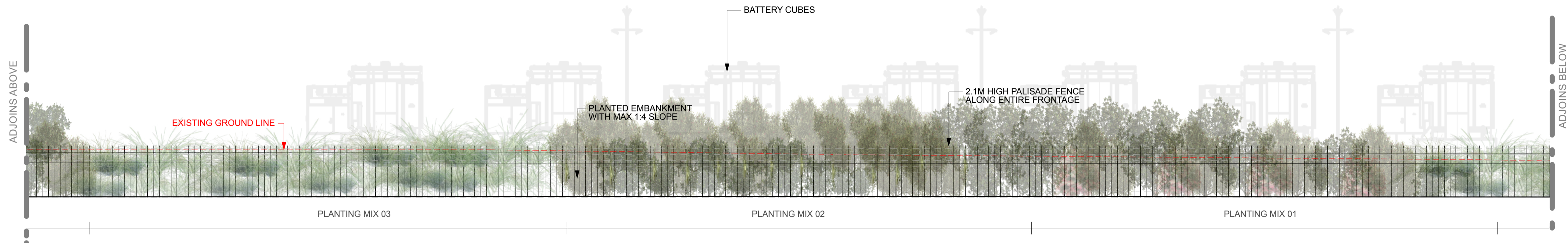
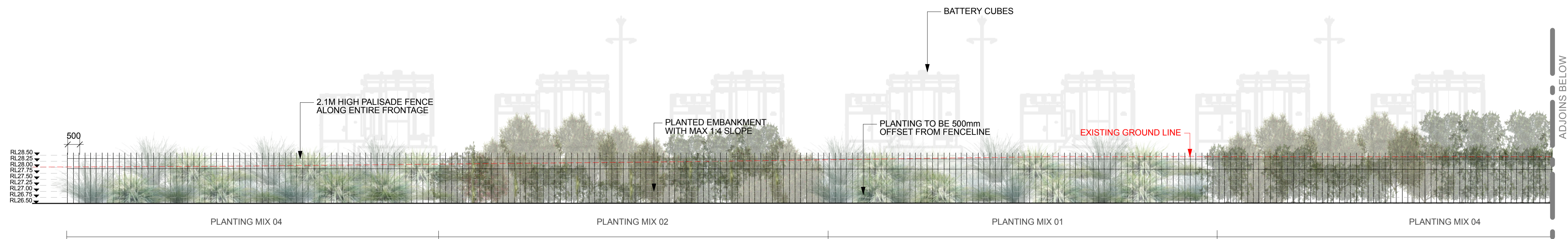
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SCALE
AS SHOWN ABOVE

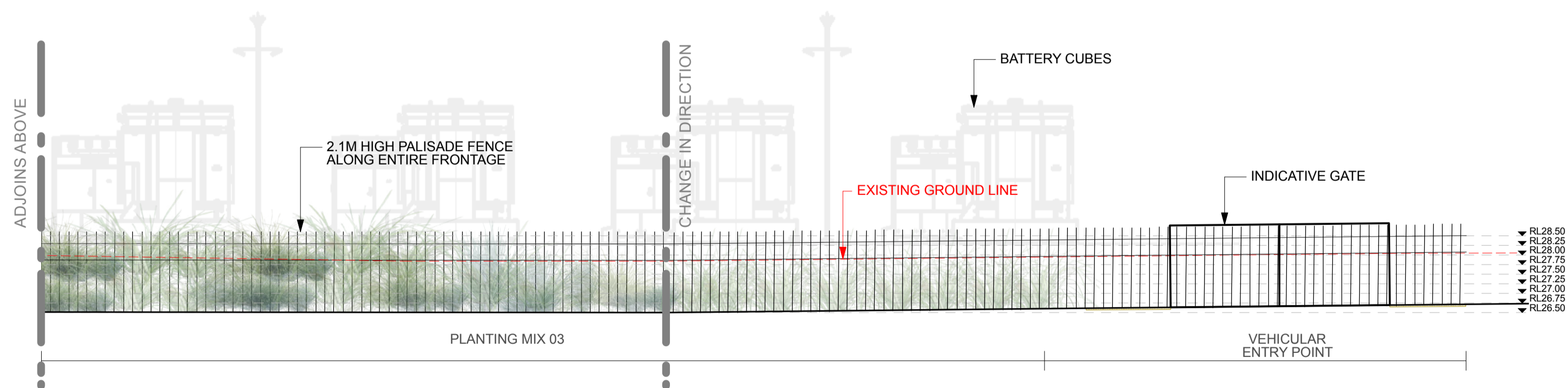
SHEET
5 of 9

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LSK-200

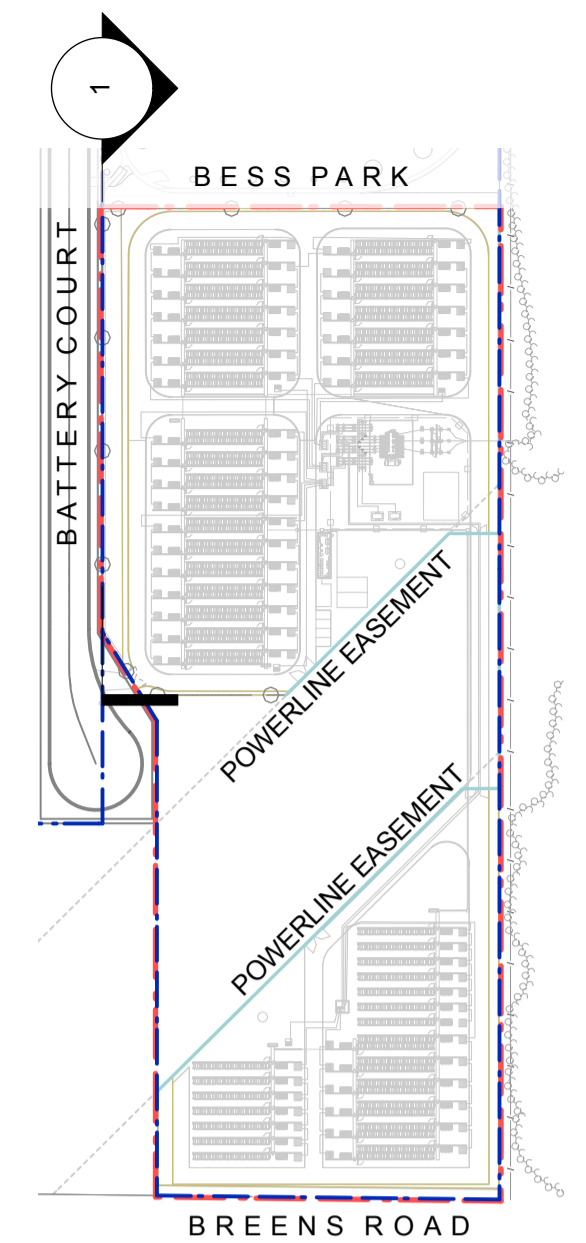
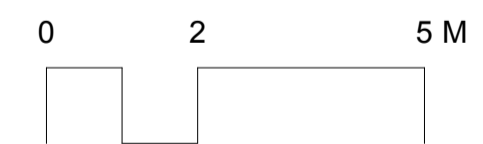
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KEY PLAN
1:2500 @ A1 | 1:5000 @ A3

01 ELEVATION - RANGE BANK BESS ELEVATION ALONG COURT
1:100 @ A1 | 1:200 @ A3

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SCALE
AS SHOWN ABOVE
SHEET
6 of 9
DRAWING NO.
LSK-201

ISSUE
9

PRECEDENT IMAGES



2.1m High palisade fence along southern boundary and Court frontage



Planting along palisade fencing edge



Acoustic wall colours should match the planting palette and surrounding context.



2.1m Chain mesh fence topped with three strands of barbed wire around powerline easement and along eastern boundary of site



Blue metal - drainage aggregate



Gravel - local toppings



AcoustiMax75 Acoustic Wall, to be 4.5m tall as specified



Planting in front of noise wall to add visual interest

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SHEET
8 of 9

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ISSUE
9

PLANTING SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME	MATURE H (m) x W	POT SIZE	DENSITY
TREES					
ACA imp	<i>Acacia implexa</i>	Lightwood	10.0 x 5.0	45L	as shown
ACA mel	<i>Acacia melanoxydon</i>	Blackwood	15.0 x 8.0	45L	as shown
MIX 01					
ADE ser	<i>Adenanthos sericeus</i>	Albany Woollybush	3.0 x 2.0	tube	1/m2
APH res	<i>Aphanopetalum resinsum</i>	Gum Vine	2.0 x 1.5	tube	2/m2
LEP myr	<i>Leptospermum myrsinoides</i>	Heath Tea-tree	2.0 x 1.5	tube	2/m2
MIX 02					
CAL cit	<i>Callistemon citrinus</i>	Crimson Bottlebrush	3.0 x 3.0	tube	1/m2
HAR vio	<i>Hardenbergia violacea</i>	Purple Coral Pea	4.0 x 4.0	tube	1/m2
PAN pan	<i>Pandorea pandorana 'Snowbells'</i>	White Flowering Pandorea	3.0 x 3.0	tube	1/m2
MIX 03					
BOS cin	<i>Bossiaea cinerea</i>	Showy Bossiara	1.5 x 1.5	tube	2/m2
GOO ova	<i>Goodenia ovata</i>	Hop Goodenia	1.75 x 2.0	tube	2/m2
MYO flo	<i>Myoporum floribundum</i>	Slender Myoporum	2.0 x 3.0	tube	1/m2
MIX 04					
ACA aci	<i>Acacia acinacea</i>	Gold-dust Wattle	2.0 x 3.0	tube	1/m2
KUN bax	<i>Kunzea baxteri</i>	Crimson Kunzea	2.0 x 3.5	tube	1/m2
WES lon	<i>Westringia longifolia</i>	Long-leaved Westringia	2.0 x 2.5	tube	1/m2
MIX 05					
COR bae	<i>Correa baeuerlenii</i>	Chef's Cap Correa	2.0 x 1.75	tube	2/m2
DIA cae	<i>Dianella caerulea</i>	Paroo Lily	0.75 x indef	tube	2/m2
LIR mus	<i>Liriope muscari</i>	Turf Lily	0.6 x 0.6	tube	3/m2
MIX 06					
ART cir	<i>Arthropodium cirratum</i>	New Zealand Rock Lily	1.0 x 1.0	tube	3/m2
DIE gra	<i>Dietes grandiflora</i>	Large Wild Iris	0.8 x 0.8	tube	3/m2
LOM 'T'	<i>Lomandra 'Tanika'</i>	Mat Rush	0.7 x 0.7	tube	6/m2

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SHEET
9 of 9

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