File name: C:\USERS\AEW-KIOS\KAVENIS ENERGY\MOREEBESS - DOCUMENTS\05 ENGINEERING\02 BASIS OF DESIGN AND SITE INFORMATION\WSP\2024.06.11 TRANSMITTAL 7 - ELECTRICAL UPDATED FOR 140 BESS UNITS\TRANSMITTAL 7 CAD FILES_11062024\PS212248-WSP-ELE-100 -F WIDER FOOTPRINT.DWG, printed on Thursday, November 13, 2025 at 10:29:18 AM by Mark

PS212248-WSP-ELE-100 -F Wider Footprint

CAMPION CLOSE

EDGE OF BITUMEN

EDGE OF BITUMEN

EDGE OF GRAVEL

EDGE OF GRAVEL

FENCE 2B 3P 30Y

FENCE 2B 2P 30Y

FENCE 2B 3P 30Y

FENCE 2B 4P 30Y

FENCE 2B 3P 20Y

BULLUSS DRIVE

1
DP999486

82
DP751780

144
DP751780

190

90

20

10

NOTE 3

NOTE 4

Water Tank Above 200kL

Department of Planning, Housing and Infrastructure

Issued under the Environmental Planning and Assessment Act 1979

Approved application number: DA25/6636

Granted on: 7 November 2025

Signed: JF Sheet number: 1 of 1

NOTES

1. THIS DRAWING IS CONCEPT DESIGN ONLY AND WILL BE CONFIRMED DURING DETAILED DESIGN.
2. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
3. PUMP-OUT SEPTIC TANK - DETAILS TO BE CONFIRMED
4. DEVELOPMENT FOOTPRINT

SYSTEM CONFIGURATION

SITE COORDINATES	-
ENERGY CAPACITY (IN MWH)	480
AC POWER (IN MW) AT POI	120
NO. OF PCS MODULES	42
INVERTER RATING (KVA)	4200
BATTERY CAPACITY (MWH)	4.073
NO. OF BESS MODULES	140

SYMBOL	DESCRIPTION	REFERENCE
	BESS MODULE	PS212248-WSP-ELE-302
	POWER CONVERSATION SYSTEM	PS212248-WSP-ELE-301
	10m ASSET PROTECTIN ZONE	PS212248-WSP-ELE-301
	5m LANDSCAPE BOUNDARY	PS212248-WSP-ELE-301
	33 KV UNDERGROUND CABLES	PS212248-WSP-ELE-700
	132 kV UNDERGROUND CABLES	PS212248-WSP-ELE-700
	LAYDOWN/CONSTRUCTION AREA	N/A
	DENTENTION POND	N/A
1	HV SUBSTATION	PS212248-WSP-ELE-102
2	SWITCHROOM	PS212248-WSP-ELE-401
3	OPERATIONS BUILDING	PS212248-WSP-ELE-402
4	HARMONIC FILTER (TBC)	N/A
5	VISTERS CARPARKING	N/A
6	PROPOSED 132KV BAY	N/A

REV	DATE	BY	DESCRIPTION	CHK	APPD
	25.05.2025	JM	Inclusion of TG Substation		
E	20.09.224	JM	Surveyed legal boundaries included in plan		
D	15.08.24	JM	Updated Legend		
C	07.06.24	CW	ADDED 14 BESS UNITS	AM	SM
B	11.04.24	SM	FINAL ISSUE	SM	BS
A	15.03.24	CW	CONCEPT ISSUE	AM	SM

REFERENCE COORDINATION DRAWINGS

DESCRIPTION	DRAWING NO.	REV	CHK

SURVEY DATUM

AHD FROM PM 56945 RL 211.917m (SCIMS)
HORIZONTAL - MGA GDA 2020 ZONE 55
LEAST SQUARES ADJUSTMENT BETWEEN LOCAL CO-ORDINATED SCIMS MARKS

SCALES

0 10 20 30

Full Size 1:1000 A3
SCALE (m)

A3 ORIGINAL
DO NOT SCALE THIS DRAWING

APPROVED

SIGNED:

DATE: RPEQ:

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CLIENT: avenis energy

PROJECT: MOREE BESS
120 MW / 480 MWH

TITLE: SITE LAYOUT

DRAWING STATUS: PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

DESIGNED:	CHECKED:	APPROVED:
C. WYNN-WILLIAMS	A. MIRZAEI	S. MANOHARAN
PROJECT No:	DRAWN:	DATE:
PS212248	C. WYNN-WILLIAMS	07.06.2024

DRAWING No: PS212248-WSP-ELE-100 REV: E