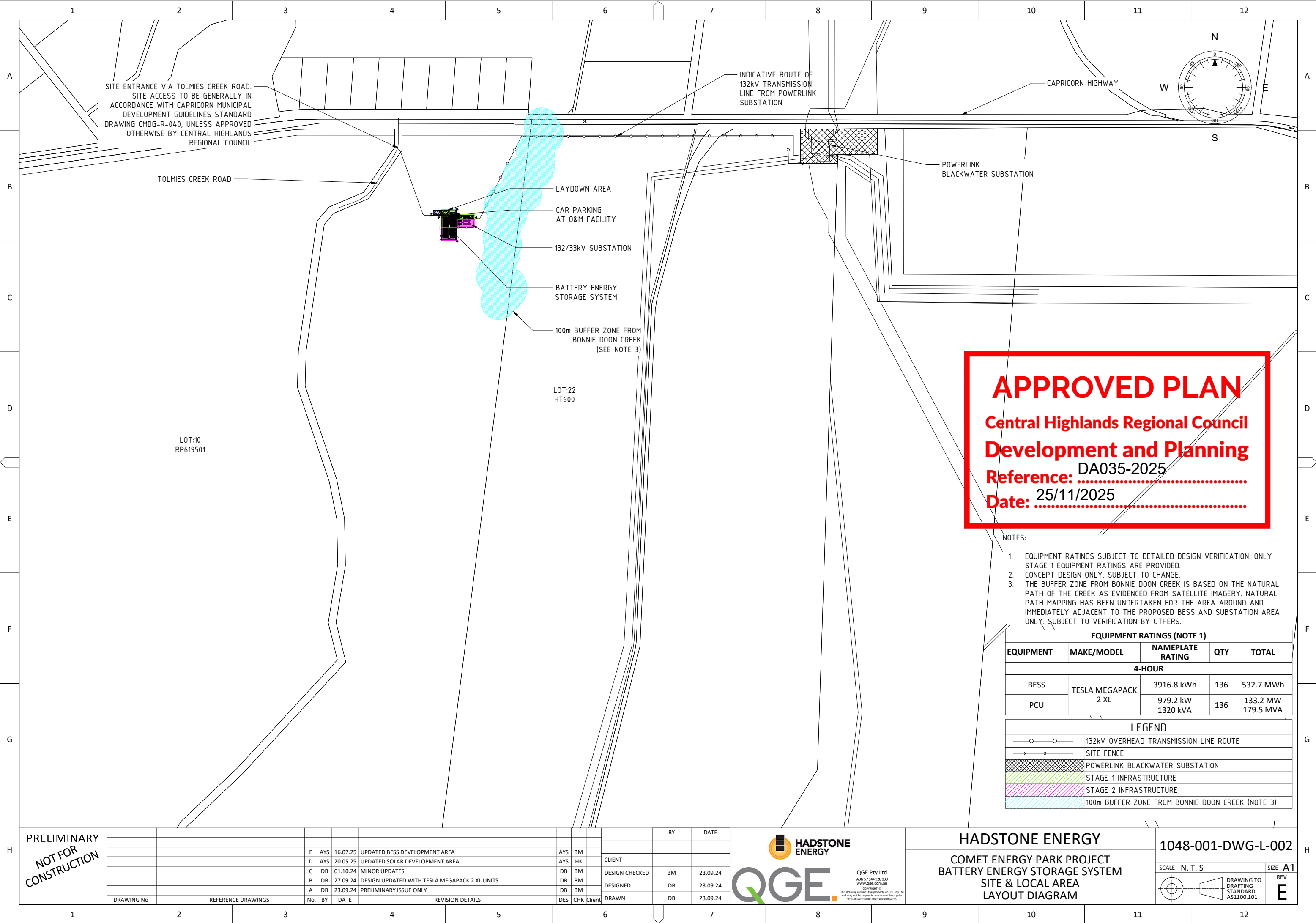




APPROVED PLAN
Central Highlands Regional Council
Development and Planning
Reference: DA035-2025
Date: 25/11/2025

- NOTES:
- EQUIPMENT RATINGS SUBJECT TO DETAILED DESIGN VERIFICATION. ONLY STAGE 1 EQUIPMENT RATINGS ARE PROVIDED.
 - CONCEPT DESIGN ONLY. SUBJECT TO CHANGE.
 - THE BUFFER ZONE FROM BONNIE DOON CREEK IS BASED ON THE NATURAL PATH OF THE CREEK AS EVIDENCED FROM SATELLITE IMAGERY. NATURAL PATH MAPPING HAS BEEN UNDERTAKEN FOR THE AREA AROUND AND IMMEDIATELY ADJACENT TO THE PROPOSED BESS AND SUBSTATION AREA ONLY. SUBJECT TO VERIFICATION BY OTHERS.

EQUIPMENT RATINGS (NOTE 1)				
EQUIPMENT	MAKE/MODEL	NAMEPLATE RATING	QTY	TOTAL
4-HOUR				
BESS	TESLA MEGAPACK 2 XL	3916.8 kWh	136	532.7 MWh
PCU		979.2 kW 1320 kVA	136	133.2 MW 179.5 MVA

LEGEND	
	132kV OVERHEAD TRANSMISSION LINE ROUTE
	SITE FENCE
	POWERLINK BLACKWATER SUBSTATION
	STAGE 1 INFRASTRUCTURE
	STAGE 2 INFRASTRUCTURE
	100m BUFFER ZONE FROM BONNIE DOON CREEK (NOTE 3)

PRELIMINARY
NOT FOR
CONSTRUCTION

DRAWING No		REFERENCE DRAWINGS		No.	BY	DATE	REVISION DETAILS		DES	CHK	Client	BY	DATE
				E	AYS	16.07.25	UPDATED BESS DEVELOPMENT AREA		AYS	BM			
				D	AYS	20.05.25	UPDATED SOLAR DEVELOPMENT AREA		AYS	HK		CLIENT	
				C	DB	01.10.24	MINOR UPDATES		DB	BM		DESIGN CHECKED	BM 23.09.24
				B	DB	27.09.24	DESIGN UPDATED WITH TESLA MEGAPACK 2 XL UNITS		DB	BM		DESIGNED	DB 23.09.24
				A	DB	23.09.24	PRELIMINARY ISSUE ONLY		DB	BM		DRAWN	DB 23.09.24

HADSTONE ENERGY

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HADSTONE ENERGY
COMET ENERGY PARK PROJECT
BATTERY ENERGY STORAGE SYSTEM
SITE & LOCAL AREA
LAYOUT DIAGRAM

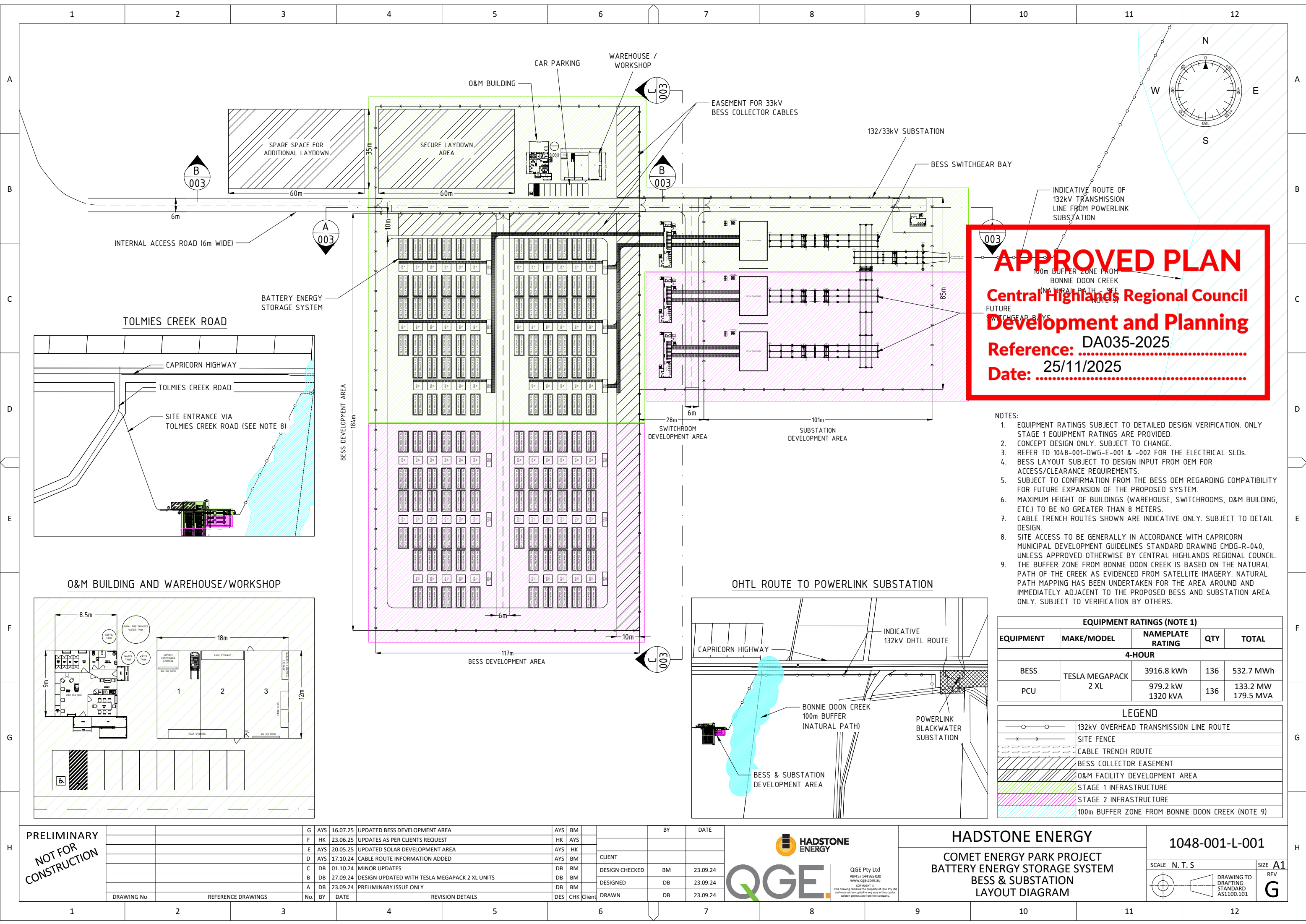
1048-001-DWG-L-002

SCALE N. T. S.

DRAWING TO
DRAFTING
STANDARD
AS1100.101

SIZE A1

REV E



APPROVED PLAN

Central Highlands Regional Council

Development and Planning

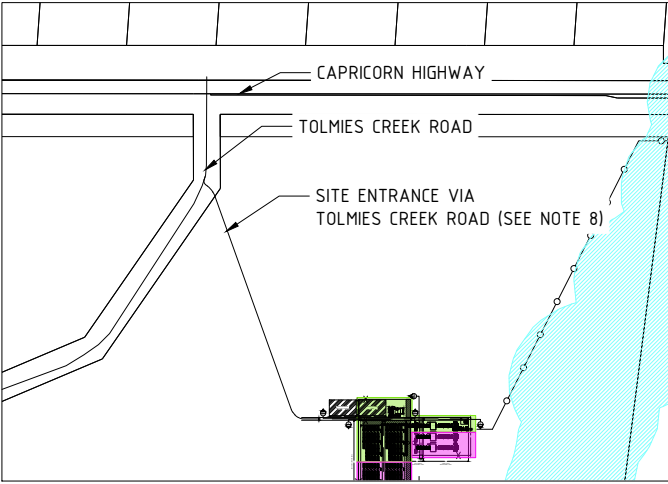
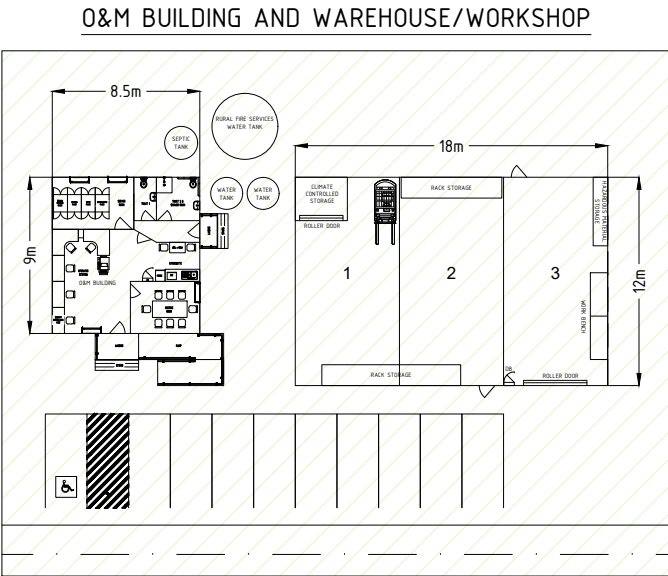
Reference: DA035-2025

Date: 25/11/2025

- NOTES:
- EQUIPMENT RATINGS SUBJECT TO DETAILED DESIGN VERIFICATION. ONLY STAGE 1 EQUIPMENT RATINGS ARE PROVIDED.
 - CONCEPT DESIGN ONLY. SUBJECT TO CHANGE.
 - REFER TO 1048-001-DWG-E-001 & -002 FOR THE ELECTRICAL SLDs.
 - BESS LAYOUT SUBJECT TO DESIGN INPUT FROM OEM FOR ACCESS/CLEARANCE REQUIREMENTS.
 - SUBJECT TO CONFIRMATION FROM THE BESS OEM REGARDING COMPATIBILITY FOR FUTURE EXPANSION OF THE PROPOSED SYSTEM.
 - MAXIMUM HEIGHT OF BUILDINGS (WAREHOUSE, SWITCHROOMS, O&M BUILDING, ETC.) TO BE NO GREATER THAN 8 METERS.
 - CABLE TRENCH ROUTES SHOWN ARE INDICATIVE ONLY. SUBJECT TO DETAIL DESIGN.
 - SITE ACCESS TO BE GENERALLY IN ACCORDANCE WITH CAPRICORN MUNICIPAL DEVELOPMENT GUIDELINES STANDARD DRAWING CMDG-R-040, UNLESS APPROVED OTHERWISE BY CENTRAL HIGHLANDS REGIONAL COUNCIL. THE BUFFER ZONE FROM BONNIE DOON CREEK IS BASED ON THE NATURAL PATH OF THE CREEK AS EVIDENCED FROM SATELLITE IMAGERY. NATURAL PATH MAPPING HAS BEEN UNDERTAKEN FOR THE AREA AROUND AND IMMEDIATELY ADJACENT TO THE PROPOSED BESS AND SUBSTATION AREA ONLY. SUBJECT TO VERIFICATION BY OTHERS.

EQUIPMENT RATINGS (NOTE 1)				
EQUIPMENT	MAKE/MODEL	NAMEPLATE RATING	QTY	TOTAL
4-HOUR				
BESS	TESLA MEGAPACK 2 XL	3916.8 kWh	136	532.7 MWh
PCU		979.2 kW 1320 kVA	136	133.2 MW 179.5 MVA

LEGEND	
	132kV OVERHEAD TRANSMISSION LINE ROUTE
	SITE FENCE
	CABLE TRENCH ROUTE
	BESS COLLECTOR EASEMENT
	O&M FACILITY DEVELOPMENT AREA
	STAGE 1 INFRASTRUCTURE
	STAGE 2 INFRASTRUCTURE
	100m BUFFER ZONE FROM BONNIE DOON CREEK (NOTE 9)



PRELIMINARY
NOT FOR
CONSTRUCTION

DRAWING No	REFERENCE DRAWINGS	No.	BY	DATE	REVISION DETAILS	DES	CHK	Client	BY	DATE
1										
2										
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11										
12										

HADSTONE ENERGY

COMET ENERGY PARK PROJECT

BATTERY ENERGY STORAGE SYSTEM

BESS & SUBSTATION

LAYOUT DIAGRAM

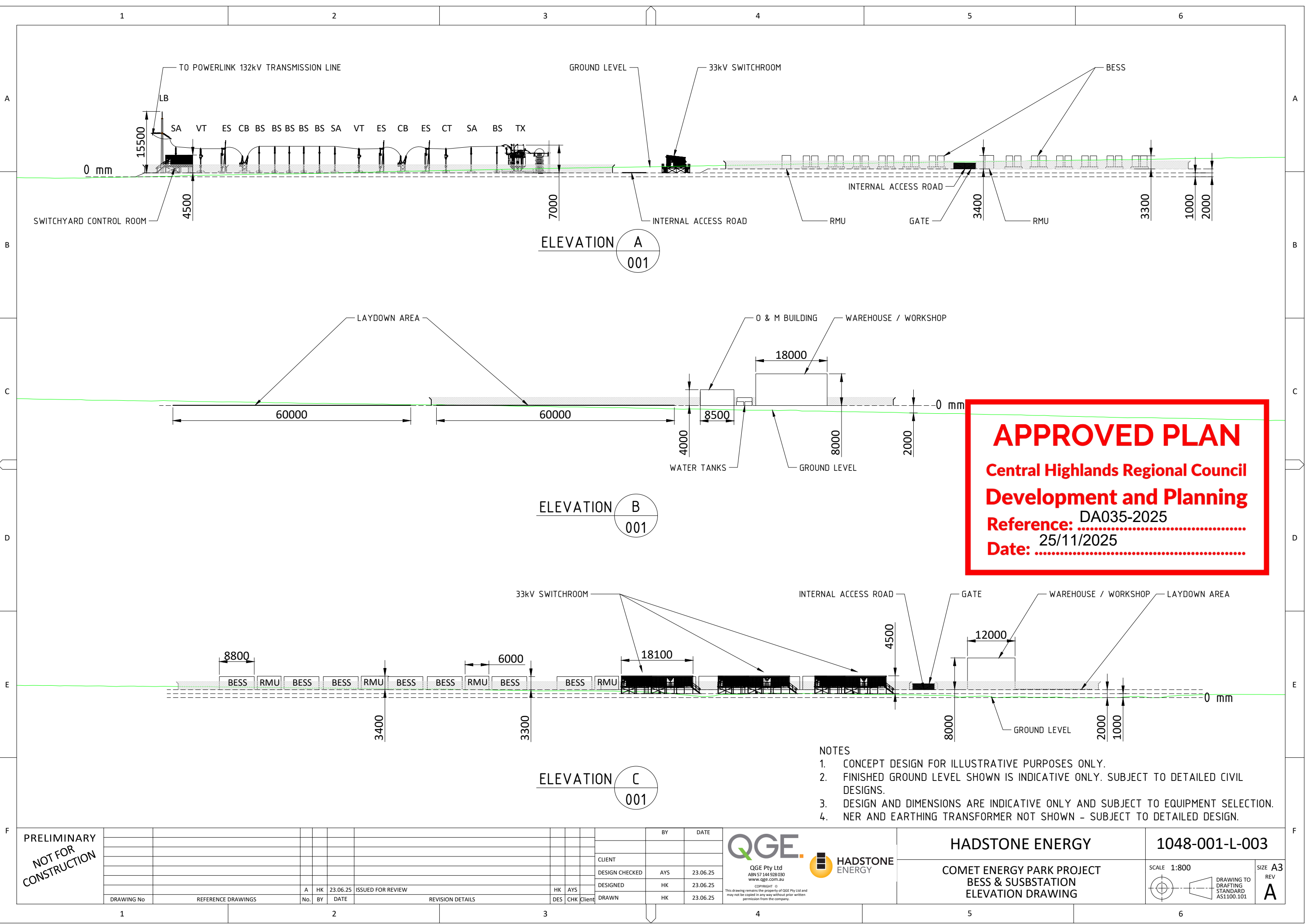
1048-001-L-001

SCALE N. T. S.

SIZE A1

REV G

DRAWING TO DRAFTING STANDARD AS1100.101



APPROVED PLAN

Central Highlands Regional Council
Development and Planning
Reference: DA035-2025
Date: 25/11/2025

- NOTES
- 1. CONCEPT DESIGN FOR ILLUSTRATIVE PURPOSES ONLY.
 - 2. FINISHED GROUND LEVEL SHOWN IS INDICATIVE ONLY. SUBJECT TO DETAILED CIVIL DESIGNS.
 - 3. DESIGN AND DIMENSIONS ARE INDICATIVE ONLY AND SUBJECT TO EQUIPMENT SELECTION.
 - 4. NER AND EARTHING TRANSFORMER NOT SHOWN - SUBJECT TO DETAILED DESIGN.

PRELIMINARY
NOT FOR
CONSTRUCTION

DRAWING No	REFERENCE DRAWINGS	No.	BY	DATE	ISSUED FOR REVIEW	REVISION DETAILS	DES	CHK	Client	BY	DATE
										CLIENT	
										DESIGN CHECKED	AYS 23.06.25
										DESIGNED	HK 23.06.25
										DRAWN	HK 23.06.25

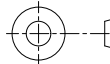
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HADSTONE ENERGY

HADSTONE ENERGY
COMET ENERGY PARK PROJECT
BESS & SUBSTATION
ELEVATION DRAWING

1048-001-L-003

SCALE 1:800



DRAWING TO
DRAFTING
STANDARD
AS1100.101

SIZE A3
REV
A

