

KEY PLAN
SCALE 1:10000



NOTES:

1. LOCATION OF PRIVATE UG/OH POLE AND OVERHEAD LINE TO BE CONFIRMED AS PART OF ASP3 DESIGN.
2. FIRE BREAK TO BE BARE EARTH, MAINTAINED FREE OF VEGETATION AND OBSTRUCTIONS AT ALL TIMES.

LEGEND

- PROPERTY BOUNDARY
- SECURITY FENCE
- ACCESS TRACK
- OH EXISTING 11kV OVERHEAD LINE
- POWER LINE EASEMENT
- UG PROPOSED 11kV UNDERGROUND LINE
- TRENCH
- PP EXISTING POWER POLE
- PROPOSED POWER POLE
- 3m FIRE BREAK

DRAFT UNCONTROLLED
13/05/24

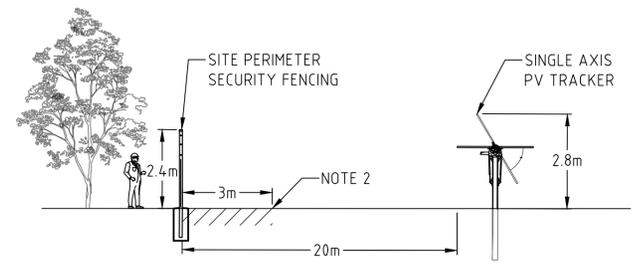
PRELIMINARY

NOT FOR CONSTRUCTION

SITE PLAN
SCALE 1:1250

SITE SPECIFICATIONS			
TOTAL FENCED AREA	11.34	Ha	28.02 acres
TOTAL FENCED PERIMETER	144.02	m	

NEXTRACKER HORIZON TRACKER LEGEND			
MODULE QTY	LENGTH	SITE QTY	TRACKER SYMBOL
104 MODULE (4 STRING)	124.38m	108	



DETAIL 1: TYPICAL ASSET PROTECTION ZONE SECTION
SCALE: N.T.S.

- HOLDS:**
1. ALL DETAILS AND LOCATIONS OF MAJOR EQUIPMENT TO BE CONFIRMED.
 2. PV AND NEXTRACKER ARRAY DETAILS SUBJECT TO CONFIRMATION OF INVERTER OPERATING POWER FACTOR, DC/AC RATIO AND MPPT DC SYSTEM SIZING CONSIDERATIONS.
 3. ESSENTIAL ENERGY CONNECTION DETAILS TO BE CONFIRMED.
 4. SITE DESIGNED TO BE FUTURE DC COUPLED BESS READY. FINAL BESS DETAILS TO BE CONFIRMED.
 5. PRIVATE OVERHEAD LINE DESIGN TO BE CONFIRMED AS PART OF ASP3 DESIGN WORKS BY OTHERS.
 6. LOCATION OF NEM METER TO BE CONFIRMED WITH METERING COORDINATOR.

SOLAR PV SYSTEM SPECIFICATIONS			
INVERTER MAKE	SUNGROW	MOUNTING SYSTEM	NEXTRACKER
INVERTER MODEL	SG2475HV	MODULE MAKE	LONGI
INVERTER RATING	24.75 kVA	MODULE MODEL	LR7-72HG-610M
NUMBER OF INVERTERS	2	MODULE CAPACITY	610 W
NUMBER OF STRINGS	432	TOTAL MODULES	11232
MODULES PER STRING	26	DC CAPACITY	6.85 MWp
GENERATION CAPACITY	4.950 MVA	DC/AC (MW)	1.45
GENERATION POWER FACTOR	0.96	PITCH	6 m
EXPORT LIMIT	4.7200 MW	GROUND COVERAGE RATIO	39.7 %

BATTERY SYSTEM SPECIFICATIONS			
BATTERY MAKE	SUNGROW	QUANTITY OF BATTERY	2
BATTERY MODEL	ST2752UX	BATTERY CAPACITY (BoL)	2752 kWh
CELL TYPE	LFP	TOTAL CAPACITY (BoL)	5504 kWh



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No	DATE	DRN	CHK	ENG	Q.A.	PROJECT	DESCRIPTION	NUMBER	TITLE
D	10/05/24	JRT	MGD	KPS	ABG	230416	REVISED WITH SITE SURVEY OVERLAY CHECK		
C	02/04/24	JRT	MGD	KPS	ABG	230416	REVISED FOR MODULE UPDATE		
B	25/07/23	ABR	MGD	JAD	RHL	230416	REVISED WITH DC BESS		
A	05/07/23	SDC	MGD	JAD	RHL	230416	PRELIMINARY ISSUE		



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YES GROUP
RMGE180 - 361 OXLEY HIGHWAY, GILGANDRA, NSW 2827
4.95 MW EXPORT PV SYSTEM
PRELIMINARY SITE LAYOUT

DATE: 05/07/23	DRN: SDC	CHK: MGD	ENG: JAD	Q.A: RHL	SCALE:
PROJ No: 230416	DRG No: 230416-180-60-100	REV D			