

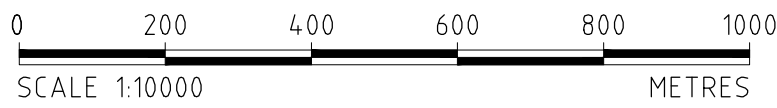
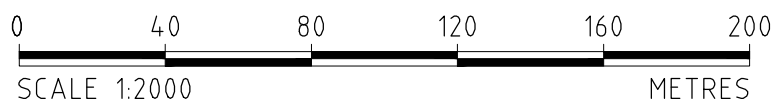
- HOLDS:**
- 1. CONNECTION ARRANGEMENT TO ESSENTIAL ENERGY NETWORK TO BE CONFIRMED.

- LEGEND**
- PROPERTY BOUNDARY
  - SECURITY FENCE
  - ACCESS TRACK
  - 66kV OH INDICATIVE LOCATION OF 66kV OVERHEAD LINE (EXISTING)
  - OH INDICATIVE LOCATION OF OVERHEAD LINE (NEW)
  - HV INDICATIVE LOCATION OF HV UNDERGROUND LINE (NEW)
  - INDICATIVE OVERHEAD LINE EASEMENT
  - PP INDICATIVE LOCATION OF POLES

NEXTRACKER HORIZON TRACKER LEGEND			
MODULE QTY	LENGTH	SITE QTY	TRACKER SYMBOL
72 MODULE (3 STRINGS)	86.5	162	

PV SYSTEM SPECIFICATIONS					
INVERTER MAKE	HUAWEI	-	MOUNTING SYSTEM	NEXTRACKER	-
INVERTER MODEL	SUN2000-185KTL-H1	-	MODULE MAKE	LONGI	-
INVERTER RATING	185	kVA	MODULE MODEL	LR5-72HBD-545M	-
NUMBER OF INVERTERS	27	-	MODULE CAPACITY	545	W
NUMBER OF STRINGS	486	-	TOTAL MODULES	11664	-
MODULES PER STRING	24	-	DC CAPACITY	6.357	MWp
GENERATION CAPACITY	4.995	MVA	DC/AC (MW)	1.41	-
GENERATION POWER FACTOR	0.90	-	PITCH	5.5	m
EXPORT LIMIT	4.496	MW	GROUND COVERAGE RATIO	41.0	%

SITE SPECIFICATIONS		
TOTAL PROPERTY AREA	54.43	ACRES
TOTAL FENCED AREA	23.34	ACRES
PERIMETER FENCE LENGTH	1275	METRES



DRAFT UNCONTROLLED  
18/11/22

ISSUED FOR REVIEW

NOT FOR  
CONSTRUCTION

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No	DATE	DRN	CHK	ENG	Q.A.	PROJECT	DESCRIPTION	NUMBER	TITLE
0C	18/11/22	AV	MGD	JAD	RHL	220818	REVISED FOR BASIS OF DESIGN		
0B	11/11/22	AV	MGD	JAD	RHL	220818	ISSUED FOR REVIEW		
0A	02/11/22	AV	MGD	JAD	RHL	220818	PRELIMINARY		

GPA

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YES GROUP  
RMGE149 - 962 BLACK GULLY RD, WERRIES CREEK NSW  
4.95MW EXPORT PV SYSTEM  
SITE LAYOUT

DATE: 01/11/22	DRN: GPA	CHK: MGD	ENG: JAD	Q.A.: RHL	SCALE: AS SHOWN
PROJ No: 220818	DRG No: 220818-149-60-100				REV: 0C