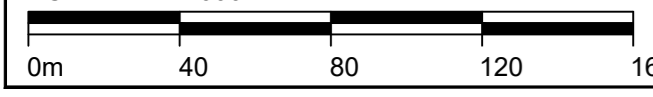


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- NOTES:**
- ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE
 - ALL DIMENSIONS ARE INDICATIVE ONLY AND SHOULD BE CONFIRMED ON SITE PRIOR TO INSTALLATION
- KEY:**
- SITE BOUNDARY
 - PERIMETER FENCE
 - SOLAR PARK MAINTENANCE TRACKS
 - ACCESS ROUTE TO BESS AND SUBSTATION
 - BESS AND SUBSTATION ACCESS
 - TRANSFORMER STATION
 - CUSTOMER CABINET
 - TABLE OF 78 MODULES (285 PCS.)
 - TABLE OF 39 MODULES (93 PCS.)
 - TABLE OF 21 MODULES (41 PCS.)
 - TABLE OF 18 MODULES (41 PCS.)
 - GATE
 - SUBSTATION
 - BATTERY CONTAINER/TRANSFORMERS
 - 2.0M HEIGHT CCTV
 - SGN INTERMEDIATE PIPELINE
 - SGN MEDIUM PIPELINE
 - 33KV OVERHEAD POWER LINE
 - INDICATIVE ROUTE A FOR EXPORT CABLE
 - INDICATIVE ROUTE B FOR EXPORT CABLE
 - CABLE ROUTE FROM SOLAR PANELS TO THE BESS AND SUBSTATION
 - PREFERRED PERMISSIVE ROUTE
 - INDICATIVE INTERCEPTION DITCH ALIGNMENT
- ELECTRICAL INFORMATION:**
- | | |
|------------------------------|-----------------------------------|
| DC POWER (KWp) | 20069 |
| AC POWER (KW) | 17150 |
| MODULE TYPE | CANADIAN SOLAR CS7N-670MS (670WP) |
| MODULE DIMENSIONS | 2384X1303X35MM |
| NO OF MODULES | 29955 |
| NO OF MODULES PER STRING | 16 |
| NO OF STRINGS | 1584 |
| SUBSTRUCTURE TYPE | 3 MODULES IN PORTRAIT |
| TILT ANGLE (DEGREES) | 15 |
| SHADING ANGLE (DEGREES) | 32 |
| AZIMUTH FROM SOUTH (DEGREES) | 0 |
| INVERTER MODEL | HUAWEI SUN2000-185KTL-H1 |
| INVERTER POWER (KW) | 175 |
| NO OF INVERTERS | 98 |
| DC/AC RATIO | 1.17 |
- ALL EQUIPMENT DETAILS ARE TO BE CONFIRMED PRIOR TO INSTALLATION



PV SITE LAYOUT
SCALE - 1:2,000

G	ACCESS TRACK UPDATED	MH	JL	KL	17/10/24
F	SCALE UPDATED	MH	JL	CG	22/08/23
E	SITE BOUNDARY UPDATE	GC	JL	CG	16/08/22
D	SUBSTATION AND CABLES	GC	JL	CG	15/08/22
C	INCLUSION OF CCTV	GC	JL	CG	10/08/22
B	LANDSCAPE AREA MODIF	GC	JL	CG	03/08/22
A	INITIAL DWG ISSUE	GC	JL	CG	25/07/22
REV	DESCRIPTION	BY	CH	APP	DATE

CLIENT: THE RIDGE GROUP

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natural power

IFS DOC NO.:	1288295	IFS ACTIVITY:	304.30405
SCALE:	VARIOUS @ A1	SHEET NO.:	1 OF 1

STATUS: **FOR INFORMATION**

PROJECT: SUNNY OAK

DRAWING TITLE: SUNNY OAK CONCEPTUAL DESIGN

DRAWING NO.:	17432_LAY_1000	REVISION	G
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