

ELEVATION MAX 33.309
ELEVATION MIN 32.67

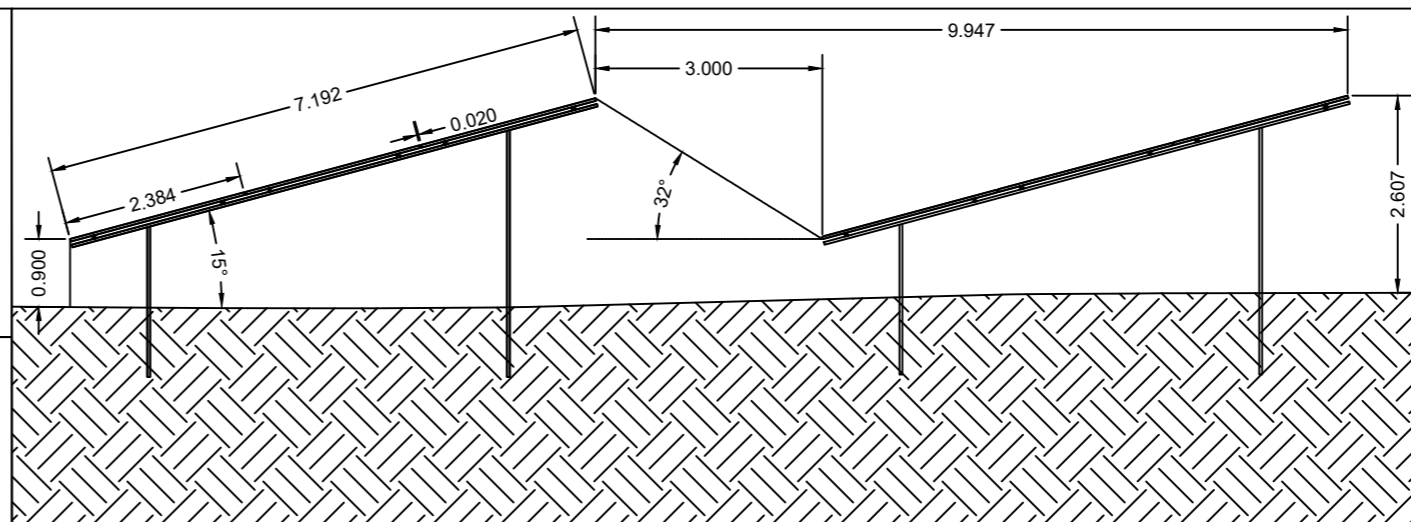
GROUND PROFILE- SECTION A-A

SCALE 1:500

ELEVATION MAX 33.309
ELEVATION MIN 32.67

PV PANELS - SECTION A-A

SCALE 1:500



PANEL SIDE VIEW

SCALE 1:100

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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

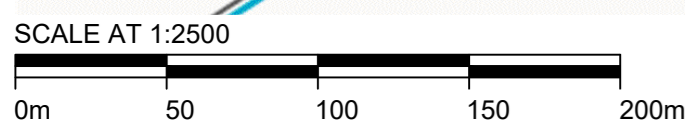
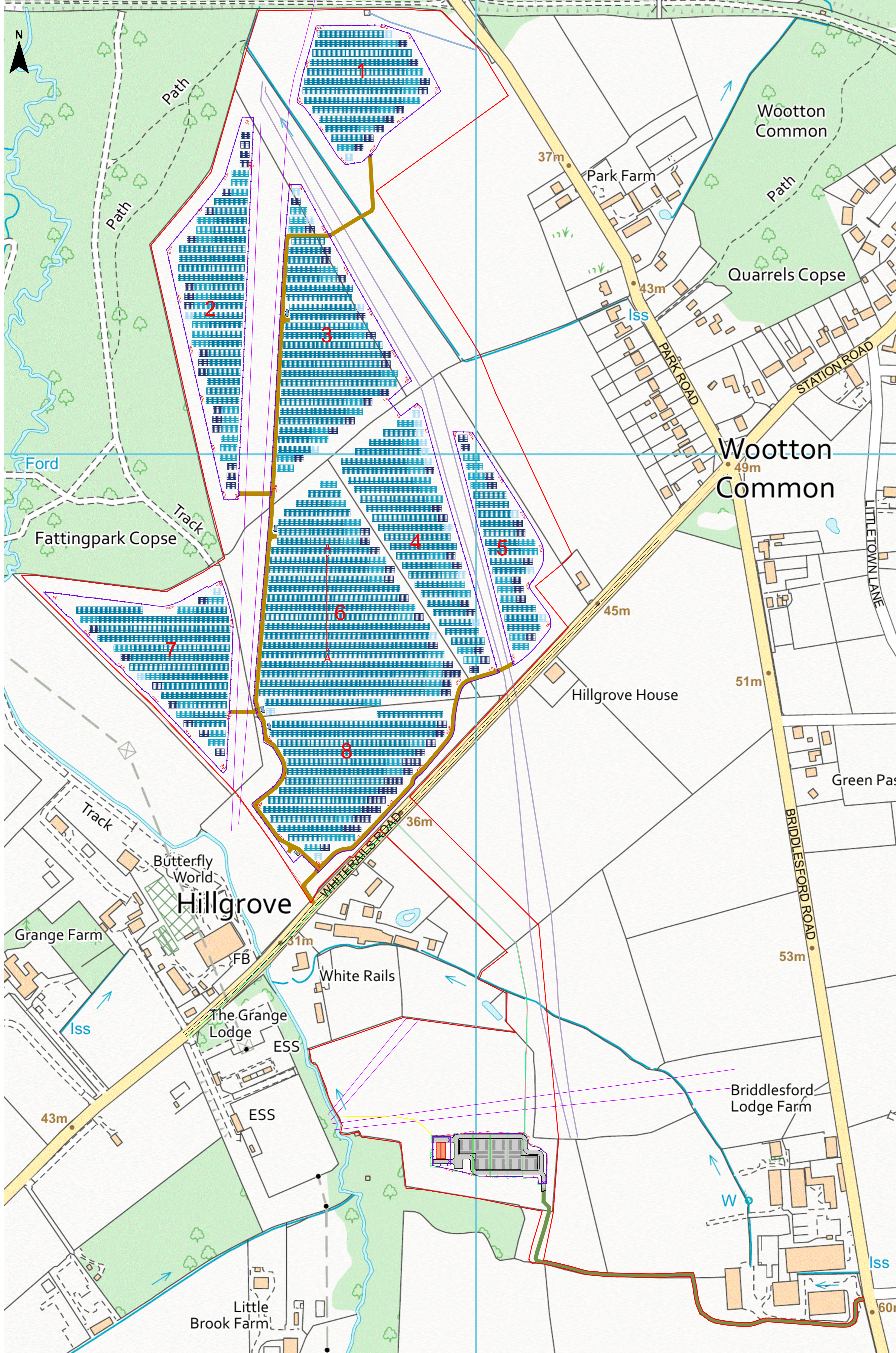
KEY:

- 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

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

A	INITIAL DWG ISSUE	GC	JL	CG	30/09/22
REV	DESCRIPTION	BY	CH	APP	DATE

CLIENT: THE RIDGE GROUP

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SCALE: VARIOUS @ A1	SHEET NO.: 1 OF 1

STATUS: **FOR INFORMATION**

PROJECT: SUNNY OAKS

DRAWING TITLE: SUNNY OAK CONCEPTUAL DESIGN

DRAWING NO.: 17432_LAY_1004	REVISION: A
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