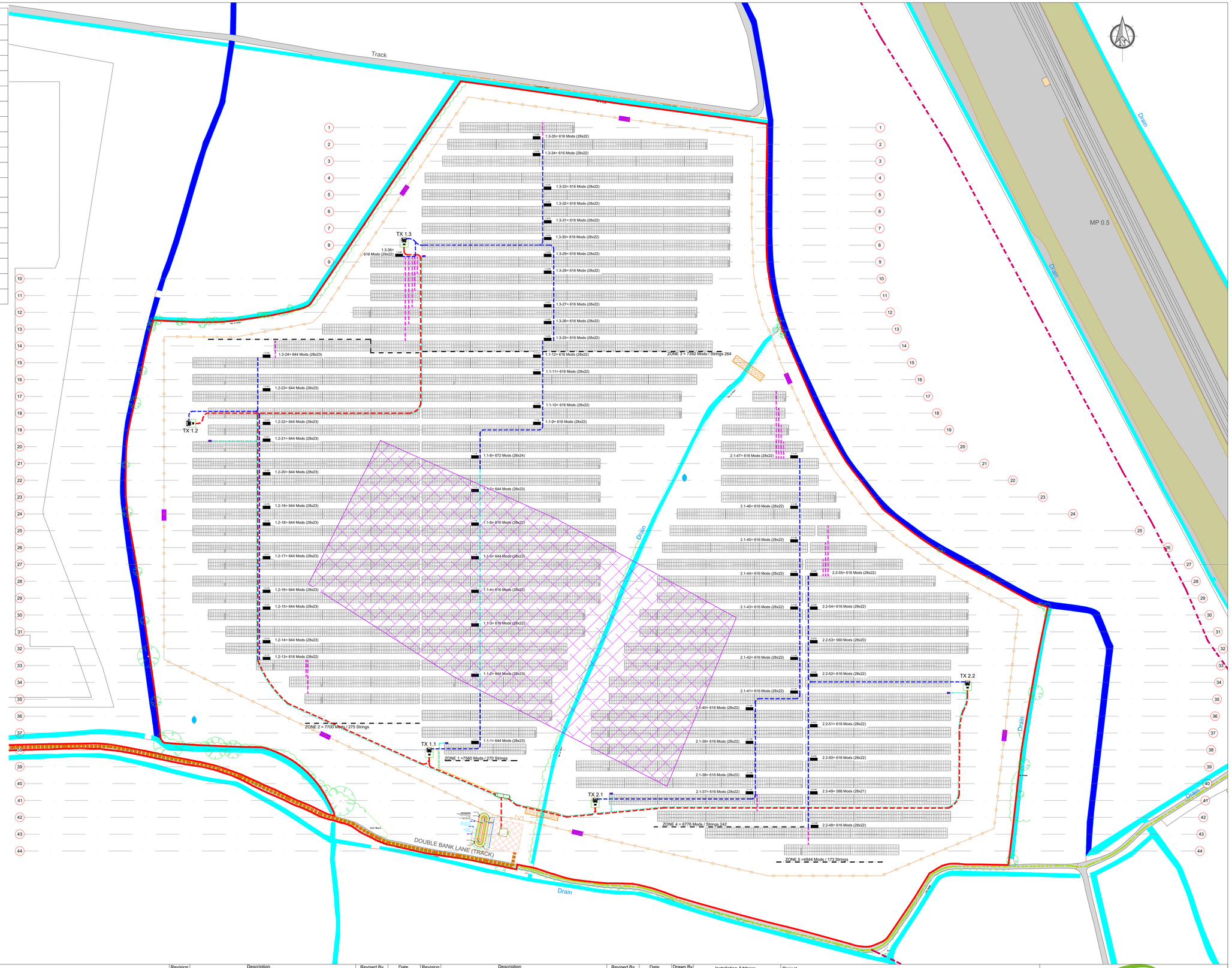
PROJECT NAME: WOODWALTON 2	
GRID REFERENCE :	TL 20463 81318
SITE AREA:	59.66 Acres / 24.14 ha
MODULE TILT:	15°
PITCH:	11.34m
ROW TO ROW DISTANCE:	4.50m
NO. OF STRINGS:	1224
MODULE (MAKE AND MODEL):	JA SOLAR, JAM66D45 615/LB
MODULE POWER:	615W
MODULE DIMENSIONS:	2382mm X 1134mm
NUMBER OF MODULES:	34272
INVERTER (MAKE AND MODEL):	SUNGROW SG350HX (12 MPPT MODEL)
INVERTER POWER:	352kW
NUMBER OF INVERTERS:	55
4.5MVA TRANSFORMER:	04
3MVA TRANSFORMER:	01
NUMBER OF TRANSFORMERS:	05
TOTAL INSTALLED CAPACITY:	21.08MWp
MAX INVERTER AC POWER:	19.36MW

LEGEND

	SITE BOUNDARY
	SECURITY FENCE
XV XV	OVERHEAD ELECTRICAL CABLES (24m/14m OVERALL EASEMENT)
	PUBLIC RIGHT OF WAY (20m OVERALL EASEMENT)
	BRIDAL WAY (20m OVERALL EASEMENT)
	DNO ACCESS ROUTE
	HV CABLE ROUTE - TRENCH
	LV CABLE ROUTE - TRENCH
	LV CABLE ROUTE - TRAY
	UTILITY EASEMENT
	HARDSTANDING AREA
	ACCESS CROSSING (TO BE MAINTAINED)
	AREA TO BE BALLASTED
	BADGER GAPS
	PV ARRAY (28 Modules)
	PV ARRAY (56 Modules)
	PV ARRAY (84 Modules)
	INVERTER (SUNGROW SG350HX)
	GATES
	LV SWITCH/TRANSFORMER
	DNO SUBSTATION
	CUSTOMER SUBSTATION (PV)
	PROPOSED POND 5M X 3M X 1.5M(DEEP)
	SWALE
	PRIVATE FIELD DRAINAGE
	IDB CHANNELS
	DC CABLE ROUTE - TRENCH
	EXISTING SITE POINT OF CONTACT
	LV SUPPLY CABLE
FIB OP	FIBRE OPTIC ROUTE - TRench
	SCADA PANEL



Installer Details	Comments
Anesco Ltd. The Green, Easter Park, Benyon Road, Reading, RG7 2PQ Tel: 0845 894 4444	NOTE - 1.1-1 = Feeder No' 1. RMU No'1 - Inverter No' 1 - Tx1.1 = Transformer Substation Feeder No'1. RMU No'1 - 1.1-1= Total No' of Modules (No' of Modules per string x No' of strings) NOT FOR CONSTRUCTION

Revision	Description	Revised By	Date
A	Issued for comment	JH	02/02/2021
B	Redesign using 105KTL Inverters	JH	16/02/2021
C	Previous design used with Bager Gaps added to fencing	JH	02/03/2022
D	Various amendments	JH	22/03/2022
E	10m wide maintenance gap added along NE boundary	PJB	07/06/2022
F	Redesigned new modules and inverters	PJB	20/03/2023
G	Redesigned new modules and inverters	JH	23/05/2023
H	Redesigned new modules and inverters	LD	24/10/2023
I	LV Tray amended	LD	01/11/2023
J	LV Cable amended between Tx1.1 and Tx1.2	LD	17/07/2024
K	Inverter positions updated	LD	22/08/2024
L	Added Bridal ways and Overhead Lines	LD	14/10/2024
M	Customer Substation Updated	LD	25/10/2024

Drawn By: JH

Scale: 1:1250@ A1

Sheet Size: A1

Installation Address: Double Bank Lane, Woodwalton, Huntingdon, Cambridgeshire, PE28 5YL

Project: WOODWALTON TWO

Title: SITE LAYOUT

Drawing No.: C0002445_01_PL

Rev.: M

Anesco™ AMAZING ENERGY