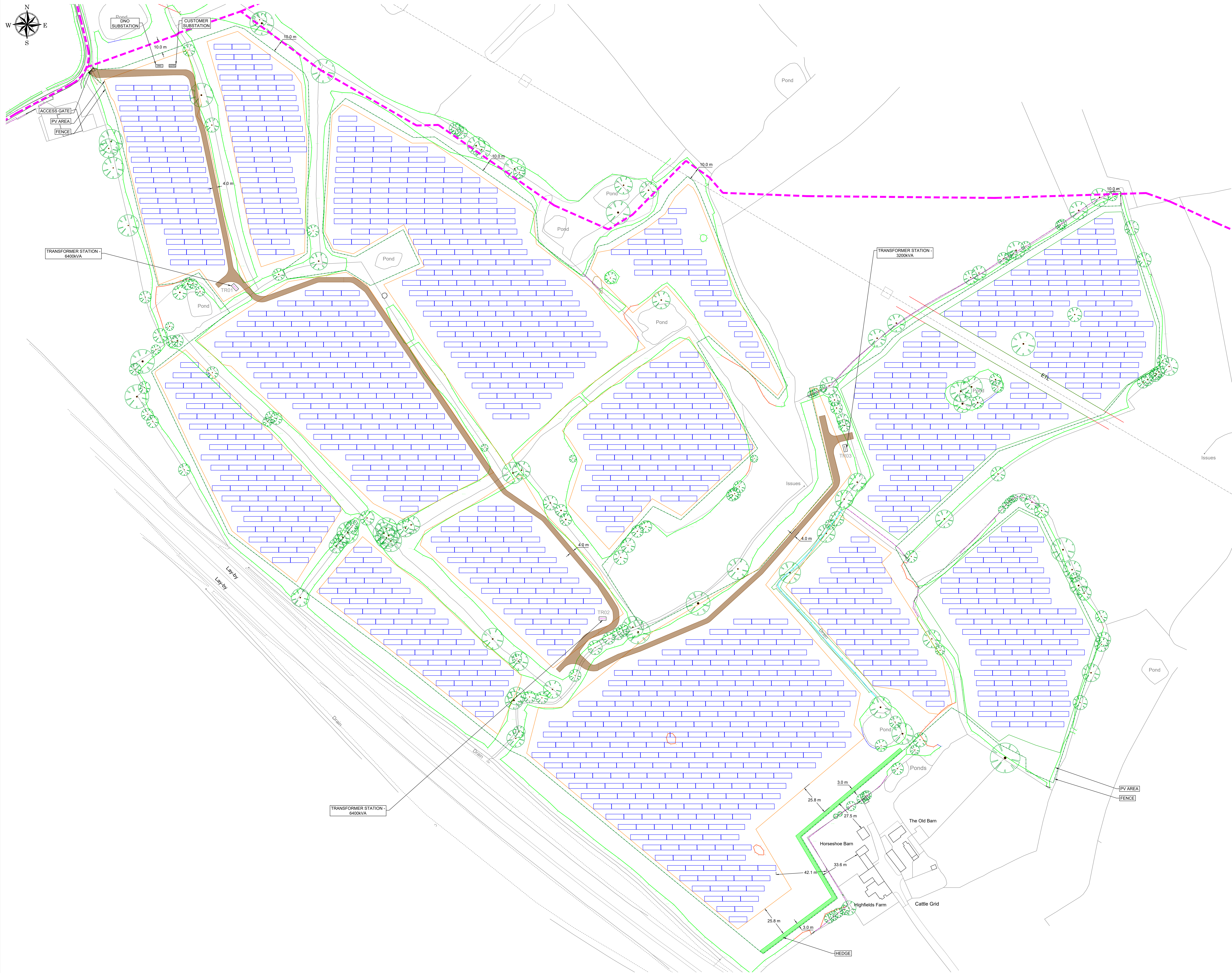
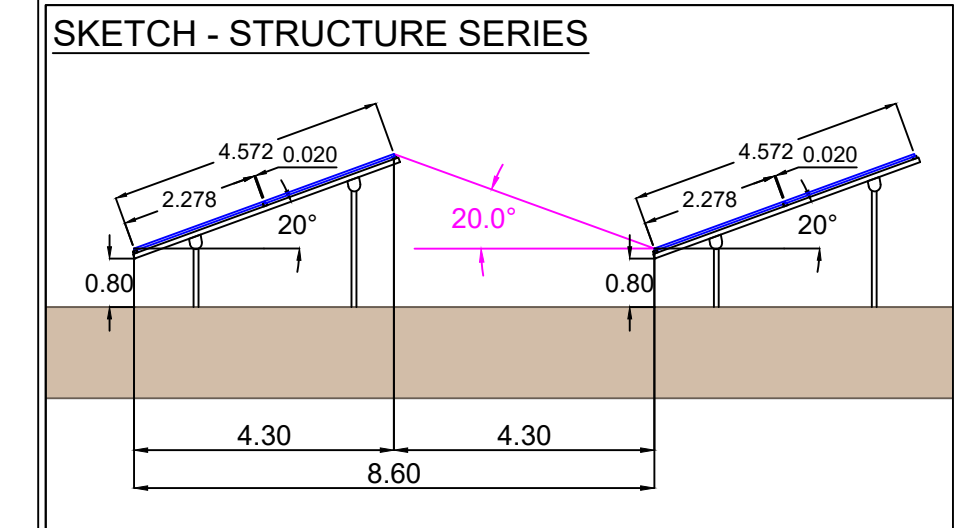




PROJECT DATA	
GPS COORDINATES	- 52.9470° -2.0070°
ROAD LENGTH	- 1.305 m
PV AREA	- 25.66 ha
FENCED AREA	- 31.78 ha
FENCE LENGTH	- 4.674 m
PV PARAMETERS:	
TYPE OF MODULES	- Jinko Solar - JKM565N-72HL4-BDV
NUMBER OF MODULES	- 38 896 pcs
MODULES PER STRING	- 26 pcs
NUMBER OF STRINGS	- 1 496 pcs
TYPE OF INVERTER	- SUNGROW SG350HX
NUMBER OF INVERTERS	- 44
STRUCTURE TILT	- Fixed Tilt 2 x 13 portrait
NUMBER OF STRUCTURES	- 2 x 13 portrait - 1 496 pcs
TYPE OF TRAF0 STATION	- 2 x 6200 kVA / 1 x 3200 kVA
NUMBER OF TRAF0 STATIONS	- 3

PLANT DC POWER	- 21 976.24 kWp
PLANT AC POWER	- 15 400.00 kVA
DC/AC RATIO	- 1.43

LEGEND	
	FENCE
	PV AREA
	ProWs (PUBLIC RIGHTS OF WAY) - 1.5m wide
	INTERNAL ROAD
	GREEN HEDGE
	ACCESS GATE
	TRANSFORMER STATION - 6400kVA
	TRANSFORMER STATION - 3200kVA
	CUSTOMER SUBSTATION
	DNO SUBSTATION
	PV MODULE STRUCTURE 2x13P @20°



Project: Tolmonslow Farm	
Drawing name: General Layout	
Rev	Drawn
R 07	DNO and CSS Updated 02.12.2022
R 06	New Configuration 07.11.2022
R 05	Landscape Buffer Added 03.10.2022
R 04	DC Capacity Updated 21.07.2022
R 03	Roads Modified 31.03.2022
R 02	Layout Modifications 23.03.2022
R 01	First Issue 15.03.2022
Revision	Date
Prepared	Drawn
Electrical	Preliminary Design
Format	Scale
A0	1:1000
Sheet	01 / 01

Client: REPD

Floor 6, Two Kingdom Street,
Paddington, London, W2 8BD
office@repd.co.uk
www.repd.co.uk

RENERGY LTD
28 E. Samokov str.
1113 Sofia, Bulgaria
info@renergy-bg.com
www.renergy-bg.com

This drawing may not be reproduced or its contents used in any way without the written permission of the author. The author is not responsible for any errors or omissions in this drawing. The author is not responsible for any errors or omissions in this drawing. The author is not responsible for any errors or omissions in this drawing.