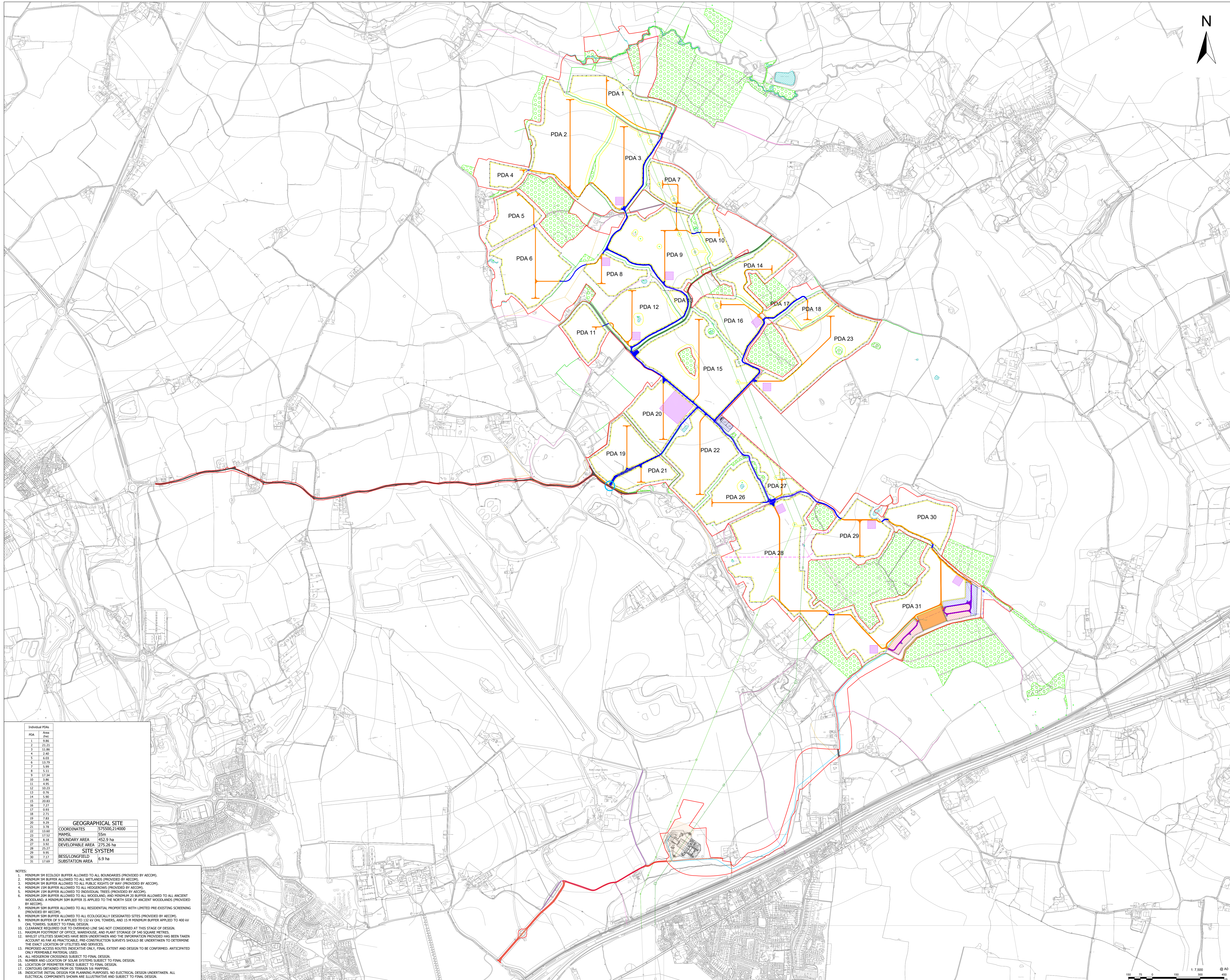


Revision: M Drawn: EL Checked: MB Approved: AB Date: 2022-02-11
Filename: N:\Projects\4077_LongfieldSolar\01-Drawings\01-Working\01_D1-Drawings\01-LGF_DPC_PIE_0001M.dwg



LEGEND

[Red line]	Order Limits
[Yellow outline]	Potential Developable Area (PDA)
[Dashed line]	Deer Fencing
[Dotted line]	Palisade Fencing
[Pink line]	Acoustic Fencing
[Orange outline]	Longfield Substation
[Blue outline]	Office, Warehouse and Plant Storage Area
[Red outline]	BESS Phase 1
[Blue outline]	BESS Phase 2
[Yellow outline]	BESS Rendezvous Area
[Purple outline]	Temporary Construction Compound
[Blue line]	Primary Access Track
[Orange line]	Secondary Access Track
[Red line]	Existing Private Access Track
[Black line]	Existing Public Highway
[Blue circle]	Site Entrance
[Blue line]	Overhead Electricity Line (11kV)
[Pink line]	Overhead Electricity Line (11kV) Diversion
[Green line]	Overhead Electricity Line (132kV)
[Blue line]	Overhead Electricity Line (400 kV)
[Blue line]	400kV Cable Route
[Blue line]	5m Contour
[Light blue area]	Area of Wetland
[Green circle]	Individual Tree
[Green line]	Hedgerow
[Green dotted area]	Area of Woodland
[Pink line]	Bridleway
[Blue line]	Public Footpath
[Blue line]	Proposed Cycle Track
[Blue line]	Security Kiosk
[Blue line]	Site Access Layby
[Blue line]	BESS Internal Tracks
[Blue line]	Gate
[Blue line]	CCTV
[Blue circle]	BESS Water Tank
[Blue line]	Attenuation Pond
[Blue line]	Drainage Pipe Network
[Orange area]	Bull's Lodge Extension Area

Individual PDAs	Area (ha)
1	9.86
2	22.21
3	11.86
4	2.40
5	6.03
6	13.79
7	5.93
8	5.11
9	17.38
10	3.46
11	4.95
12	16.23
13	0.76
14	5.20
15	20.83
16	0.53
17	0.53
18	2.71
19	7.83
20	9.29
21	1.78
22	13.60
23	17.22
24	8.18
25	1.92
26	22.67
27	9.95
28	7.17
29	17.69

GEOGRAPHICAL SITE
COORDINATES: 575500,214000
MASS: 50m
BOUNDARY AREA: 452.9 ha
DEVELOPABLE AREA: 275.26 ha
SITE SYSTEM
BESS/LONGFIELD: 6.9 ha
SUBSTATION AREA: 6.9 ha

- NOTES:**
- MINIMUM 5M ECOLOGY BUFFER ALLOWED TO ALL BOUNDARIES (PROVIDED BY AECOM).
 - MINIMUM 5M BUFFER ALLOWED TO ALL WETLANDS (PROVIDED BY AECOM).
 - MINIMUM 5M BUFFER ALLOWED TO ALL PUBLIC RIGHTS OF WAY (PROVIDED BY AECOM).
 - MINIMUM 15M BUFFER ALLOWED TO ALL HEDGEROWS (PROVIDED BY AECOM).
 - MINIMUM 15M BUFFER ALLOWED TO INDIVIDUAL TREES (PROVIDED BY AECOM).
 - MINIMUM 15M BUFFER ALLOWED TO ALL WOODLANDS AND MINIMUM 50M BUFFER ALLOWED TO ALL ANCIENT WOODLANDS. A MINIMUM 50M BUFFER IS APPLIED TO THE NORTH SIDE OF ANCIENT WOODLANDS (PROVIDED BY AECOM).
 - MINIMUM 50M BUFFER ALLOWED TO ALL RESIDENTIAL PROPERTIES WITH LIMITED PRE-EXISTING SCREENING (PROVIDED BY AECOM).
 - MINIMUM 50M BUFFER ALLOWED TO ALL ECOLOGICALLY DESIGNATED SITES (PROVIDED BY AECOM).
 - MINIMUM BUFFER OF 9M APPLIED TO 132 kV OHL TOWERS, AND 15 M MINIMUM BUFFER APPLIED TO 400 kV OHL TOWERS SUBJECT TO FINAL DESIGN.
 - CLEARANCE REQUIRED DUE TO OVERHEAD LINE SAG NOT CONSIDERED AT THIS STAGE OF DESIGN.
 - MAXIMUM FOOTPRINT OF OFFICE, WAREHOUSE, AND PLANT STORAGE OF 500 SQUARE METRES.
 - WHERE UTILITY SEARCHES HAVE BEEN UNDERTAKEN AND THE INFORMATION PROVIDED HAS BEEN TAKEN ACCOUNT AS FAR AS PRACTICABLE, PRE-CONSTRUCTION SURVEYS SHOULD BE UNDERTAKEN TO DETERMINE THE EXACT LOCATION OF UTILITIES AND SERVICES.
 - PROPOSED ACCESS ROUTES INDICATE ONLY. FINAL EXTENT AND DESIGN TO BE CONFIRMED. ANTICIPATED ONLY PERMISSIBLE MATERIAL USES.
 - ALL HEDGEROW CROSSINGS SUBJECT TO FINAL DESIGN.
 - NUMBER AND LOCATION OF SOLAR SYSTEMS SUBJECT TO FINAL DESIGN.
 - LOCATION OF PROHIBITED FENCE SUBJECT TO FINAL DESIGN.
 - CONTOURS OBTAINED FROM OS TERRAIN 5M MAPPING.
 - INDICATIVE INITIAL DESIGN FOR PLANNING PURPOSES. NO ELECTRICAL DESIGN UNDERTAKEN. ALL ELECTRICAL COMPONENTS SHOWN ARE ILLUSTRATIVE AND SUBJECT TO FINAL DESIGN.