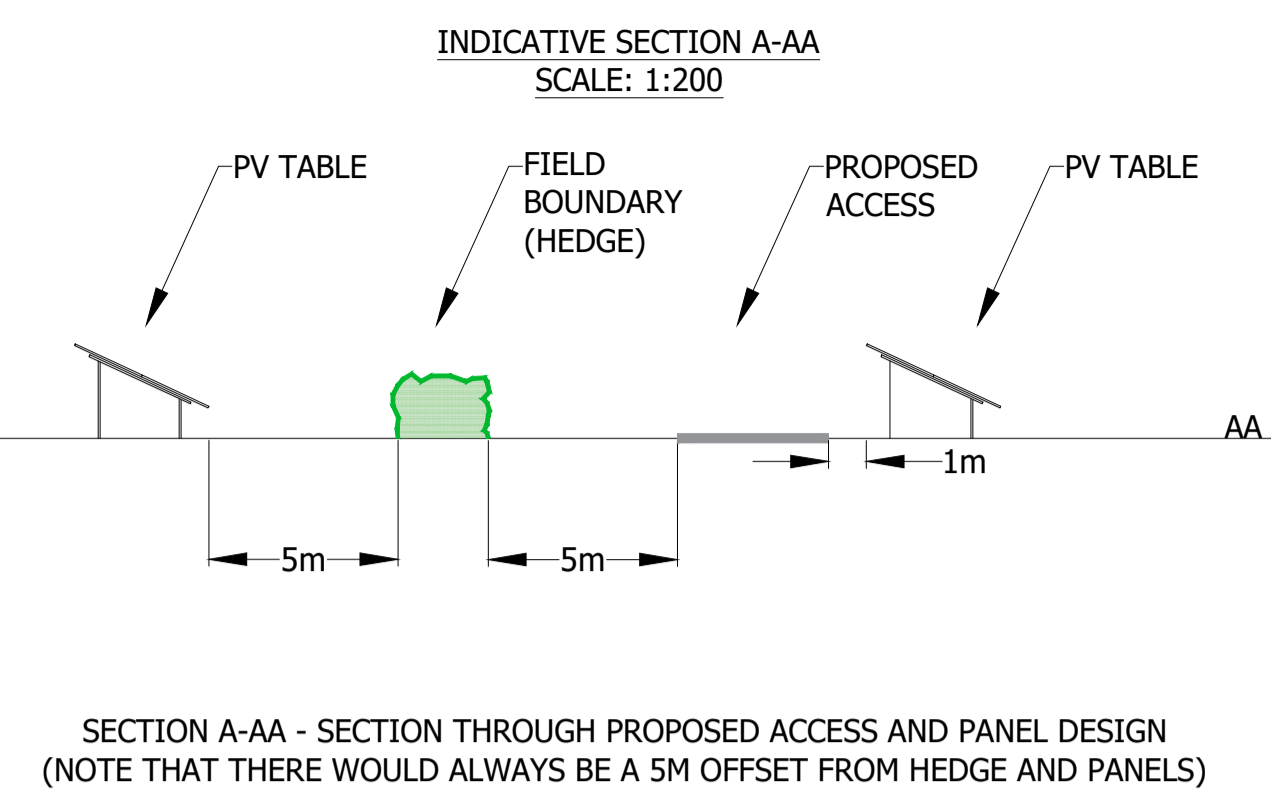
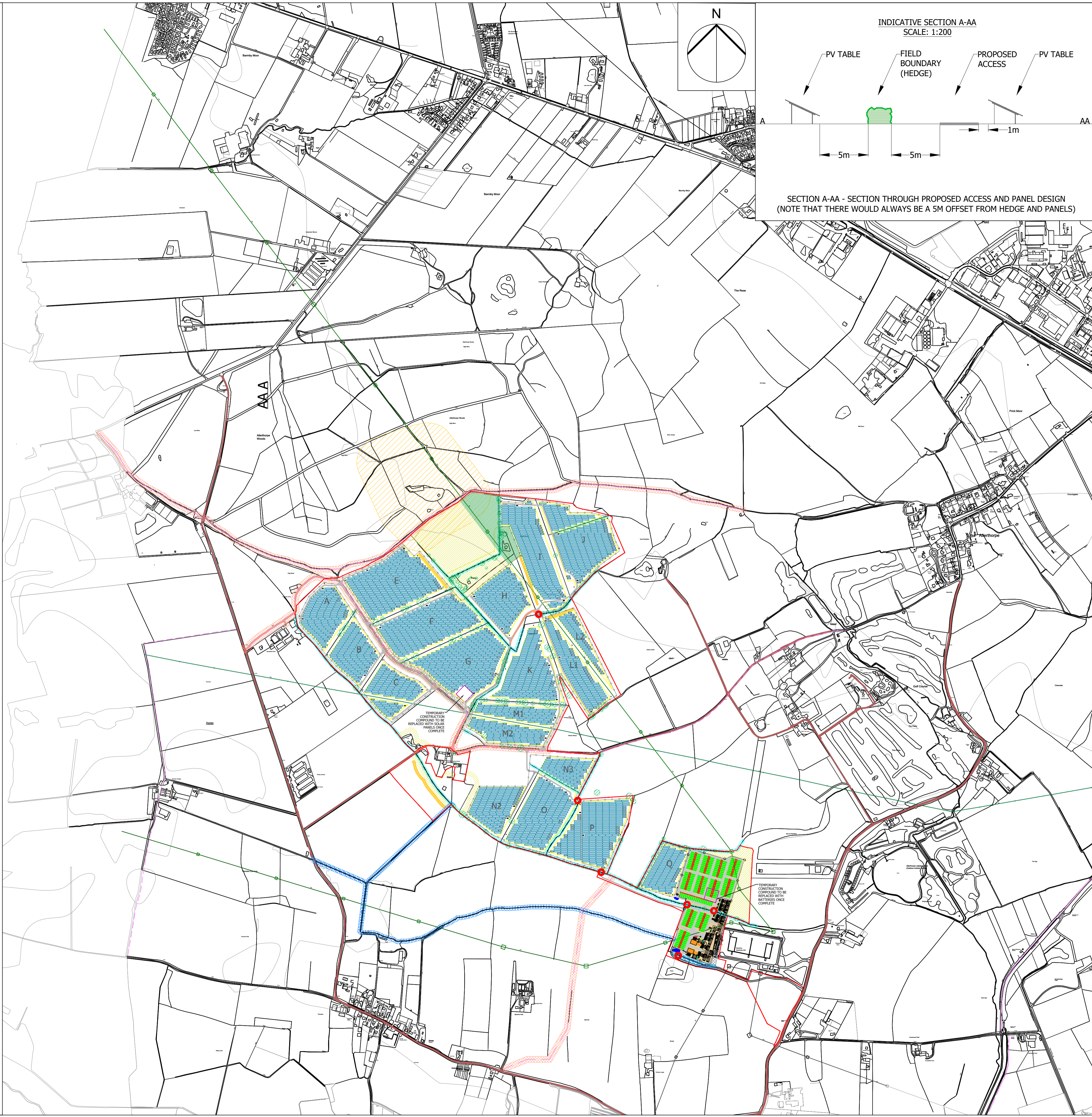
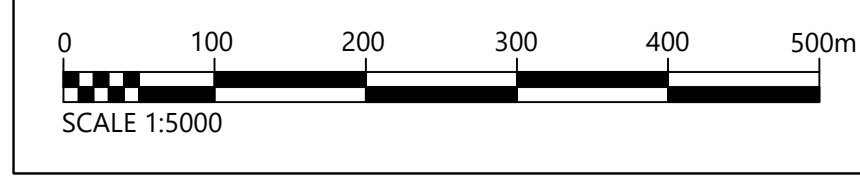


- SOLAR KEY**
- Site Boundary
 - Full PV Table (27.676 m x 4.842 m plan view)
 - Half PV Table (13.828 m x 4.842 m plan view)
 - Proposed Perimeter Fencing
 - Temporary Construction Compound
 - Field Transformer
 - Proposed Access Track
 - Existing Onsite Access Track
 - Existing Public Road
 - Overhead Wooden Line (66kV)
 - Overhead Power Line (400kV)
 - 6m Buffer of Ditch
 - 9m Buffers of IDB Managed Ditch
 - 12m Buffer of Public Rights of Way
 - Habitat Enhancement Area
 - Land to be seeded and managed for Birds
 - Up to 5 m Security Column
 - Public Right of Way

- GREENER GRID PARK KEY**
- 2.40 m High Palisade Fencing (with 1 m high electric fence above)
 - Battery Container
 - Inverter
 - Energy Management Building
 - Energy Management System
 - Transformer
 - Cooler
 - Indicative Sustainable Urban Drainage System Pond
 - Transformer
 - Battery Container 1
 - Uninterrupted Motor Drive Inverter Container
 - AC/DC Distribution Container
 - Static Frequency Converter and Excitation Container
 - Control and Protection Container
 - Battery Container 2
 - High Voltage Infrastructure
 - Switchgear Container
 - 6m Security Column
 - Emergency Back-up Diesel Tank
 - Emergency Back-up Generator
 - Welfare Unit
 - Comms Unit
 - National Grid Relay Room
 - Location of Existing Ditch
 - Crushed Stone
 - Gate
 - Non-operational National Grid Land
 - Water Crossing



- NOTES:**
- ARRANGEMENT OF PANELS SHOWN IS BASED ON THE FOLLOWING DATA:
- PANEL SIZE = 2.4M X 1.1M
 - PANEL ORIENTATION = PORTRAIT
 - PANEL INCLINATION = 20 DEGREES TO HORIZONTAL (ANGLED FOOTPRINT OF ~2.3M X 1.1M)
 - MODULE LENGTH = 24M RUN WITH 0.2M GAPS SUPPORTED ON FOUR POST/FRAMES.
 - REPRESENTATIVE CLEAR AISLES DISTANCE BETWEEN PANELS OF 2.3M, 3.8M, OR 6.3M BASED ON GRADIENT OBTAINED FROM OS TERRAIN S⁹ MAPPING.
 - PANELS AT LOWEST POINT SET AT 0.8M ABOVE GROUND LEVEL INCREASING TO 2.8M APPROXIMATE MAXIMUM.
 - PANELS NOT LOCATED WHERE LAND GRADIENT EXCEEDS 1 IN 9.5 (6 DEGREES) DUE TO EXCESSIVE LEG HEIGHTS.
 - TYPICAL CONTROL BUILDING SIZE = 20M X 20M
 - MINIMUM 5M ECOLOGY BUFFER ALLOWED TO ALL BOUNDARIES.
 - MINIMUM 6M BUFFER ALLOWED TO ALL DITCHES.
 - MINIMUM 12M BUFFER ALLOWED TO ALL PUBLIC RIGHTS OF WAY.
 - MINIMUM 10M BUFFER ALLOWED TO ALL WATERCOURSES.
 - MINIMUM 10M BUFFER ALLOWED TO ALL WOODLAND, AND MINIMUM 15 BUFFER ALLOWED TO ALL ANCIENT WOODLAND.
 - MINIMUM 100M BUFFER ALLOWED TO ALL RESIDENTIAL PROPERTIES.
 - MINIMUM 100M BUFFER ALLOWED TO ALL ECOLOGICALLY DESIGNATED SITES.
 - MINIMUM GRID INFRASTRUCTURE BUFFER IN ACCORDANCE WITH ENA TECHNICAL SPECIFICATION 43-8 GUIDELINES FOR HORIZONTAL DISTANCES TO SAFETY BARRIERS FOR 66KV TOWERS (9M), AND FOR 400KV TOWERS (14M), AND IS SUBJECT TO FINAL DESIGN.
 - PROPOSED ACCESS ROUTES INDICATIVE ONLY, FINAL EXTENT AND DESIGN TO BE CONFIRMED. ANTICIPATED ONLY PERMEABLE MATERIAL USED.
 - ALL HEDGEROW CROSSINGS SUBJECT TO FINAL DESIGN.
 - NUMBER AND LOCATION OF INVERTER/TRANSFORMER SUBSTATIONS SUBJECT TO FINAL DESIGN.
 - LOCATION OF PALISADE AND DEER FENCING SUBJECT TO FINAL DESIGN.
 - CONTOURS OBTAINED FROM OS TERRAIN S⁹ MAPPING.
 - INDICATIVE DESIGN FOR PLANNING. NO ELECTRICAL DESIGN UNDERTAKEN. ALL ELECTRICAL COMPONENTS SHOWN ARE ILLUSTRATIVE AND SUBJECT TO FINAL DESIGN.

REVISION SCHEDULE

Rev	Date	Description

NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
- ALL DIMENSIONS, CHANGES, LEVELS AND COORDINATES ARE IN METRES UNLESS OTHERWISE STATED.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PROJECT HEALTH & SAFETY FILE FOR ANY IDENTIFIED POTENTIAL RISKS.
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STATUS: FOR PLANNING

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GRID REFERENCE: 476208,446402

PROJECT: SOAY SOLAR AND GREENER GRID PARK
 TITLE: FIGURE 2- INDICATIVE SITE LAYOUT
 CLIENT: STATKRAFT
 DATE: 13.01.22 SCALE: 1:5,000@A1
 DRAWN: SR DRAWING NO.: 3404-SOAY-DR-PRE-0002
 CHECKED: DB REVISION: J

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