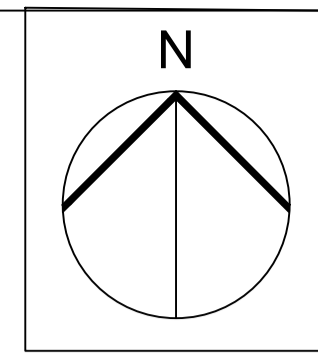


- SOLAR KEY**
- Site Boundary
  - Full PV Table (27.676 m x 4.842 m plan view)
  - Half PV Table (13.828 m x 4.842 m plan view)
  - Proposed Perimeter Fencing
  - Temporary Construction Compound
  - Field Transformer
  - Proposed Access Track
  - Existing Onsite Access Track
  - Existing Public Road
  - 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



TEMPORARY CONSTRUCTION COMPOUND TO BE REPLACED WITH BATTERIES ONCE COMPLETE

- NOTES:**
- ARRANGEMENT OF PANELS SHOWN IS BASED ON THE FOLLOWING DATA:
1. PANEL SIZE = 2.4M X 1.1M
  2. PANEL ORIENTATION = PORTRAIT
  3. PANEL INCLINATION = 20 DEGREES TO HORIZONTAL (ANGLED FOOTPRINT OF ~2.3M X 1.1M)
  4. MODULE LENGTH = 24M RUN WITH 0.2M GAPS SUPPORTED ON FOUR POST/FRAMES.
  5. REPRESENTATIVE CLEAR AISLES DISTANCE BETWEEN PANELS OF 2.3M, 3.8M, OR 6.3M BASED ON GRADIENT OBTAINED FROM OS TERRAIN S@ MAPPING.
  6. PANELS AT LOWEST POINT SET AT 0.8M ABOVE GROUND LEVEL INCREASING TO 2.8M APPROXIMATE MAXIMUM.
  7. PANELS NOT LOCATED WHERE LAND GRADIENT EXCEEDS 1 IN 9.5 (6 DEGREES) DUE TO EXCESSIVE LEG HEIGHTS.
  8. TYPICAL CONTROL BUILDING SIZE = 20M X 20M
  9. MINIMUM 5M ECOLOGY BUFFER ALLOWED TO ALL BOUNDARIES.
  10. MINIMUM 6M BUFFER ALLOWED TO ALL DITCHES.
  11. MINIMUM 12M BUFFER ALLOWED TO ALL PUBLIC RIGHTS OF WAY.
  12. MINIMUM 10M BUFFER ALLOWED TO ALL WATERCOURSES.
  13. MINIMUM 10M BUFFER ALLOWED TO ALL WOODLAND, AND MINIMUM 15 BUFFER ALLOWED TO ALL ANCIENT WOODLAND.
  14. MINIMUM 100M BUFFER ALLOWED TO ALL RESIDENTIAL PROPERTIES.
  15. MINIMUM 100M BUFFER ALLOWED TO ALL ECOLOGICALLY DESIGNATED SITES.
  16. 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.
  17. PROPOSED ACCESS ROUTES INDICATIVE ONLY, FINAL EXTENT AND DESIGN TO BE CONFIRMED. ANTICIPATED ONLY PERMEABLE MATERIAL USED.
  18. ALL HEDGEROW CROSSINGS SUBJECT TO FINAL DESIGN.
  19. NUMBER AND LOCATION OF INVERTER/TRANSFORMER SUBSTATIONS SUBJECT TO FINAL DESIGN.
  20. LOCATION OF PALISADE AND DEER FENCING SUBJECT TO FINAL DESIGN.
  21. CONTOURS OBTAINED FROM OS MAPPING.
  22. 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:**

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.
2. ALL DIMENSIONS, CHANGES, LEVELS AND COORDINATES ARE IN METRES UNLESS OTHERWISE STATED.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PROJECT HEALTH & SAFETY FILE FOR ANY IDENTIFIED POTENTIAL RISKS.
4. THE DRAWING IS THE COPYRIGHT OF ARCUS AND CANNOT BE REPRODUCED IN ANY FORM WITHOUT THE EXPRESS CONSENT OF THE COMPANY. WRITTEN AND SCALAS APPROVED TO BE CHECKED ON SITE, AND ANY DISCREPANCIES SHOULD BE REPORTED TO ARCUS PRIOR TO WORK COMMENCING ON SITE.

**STATUS: FOR PLANNING**

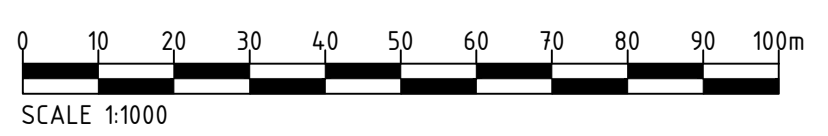
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GRID REFERENCE: 476208,446402

PROJECT: SOAY SOLAR AND GREENER GRID PARK  
 TITLE: FIGURE 3 - SITE LAYOUT - GREENER GRID PARK  
 CLIENT: STATKRAFT  
 DATE: 20.01.22 SCALE: 1:1,000@A1  
 DRAWN: SR DRAWING NO.: 3404-SOAY-DR-P-0017  
 CHECKED: DB REVISION: 2



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