

Great North Road Solar and Biodiversity Park

Phase Two Consultation Materials - Part 2 of 2

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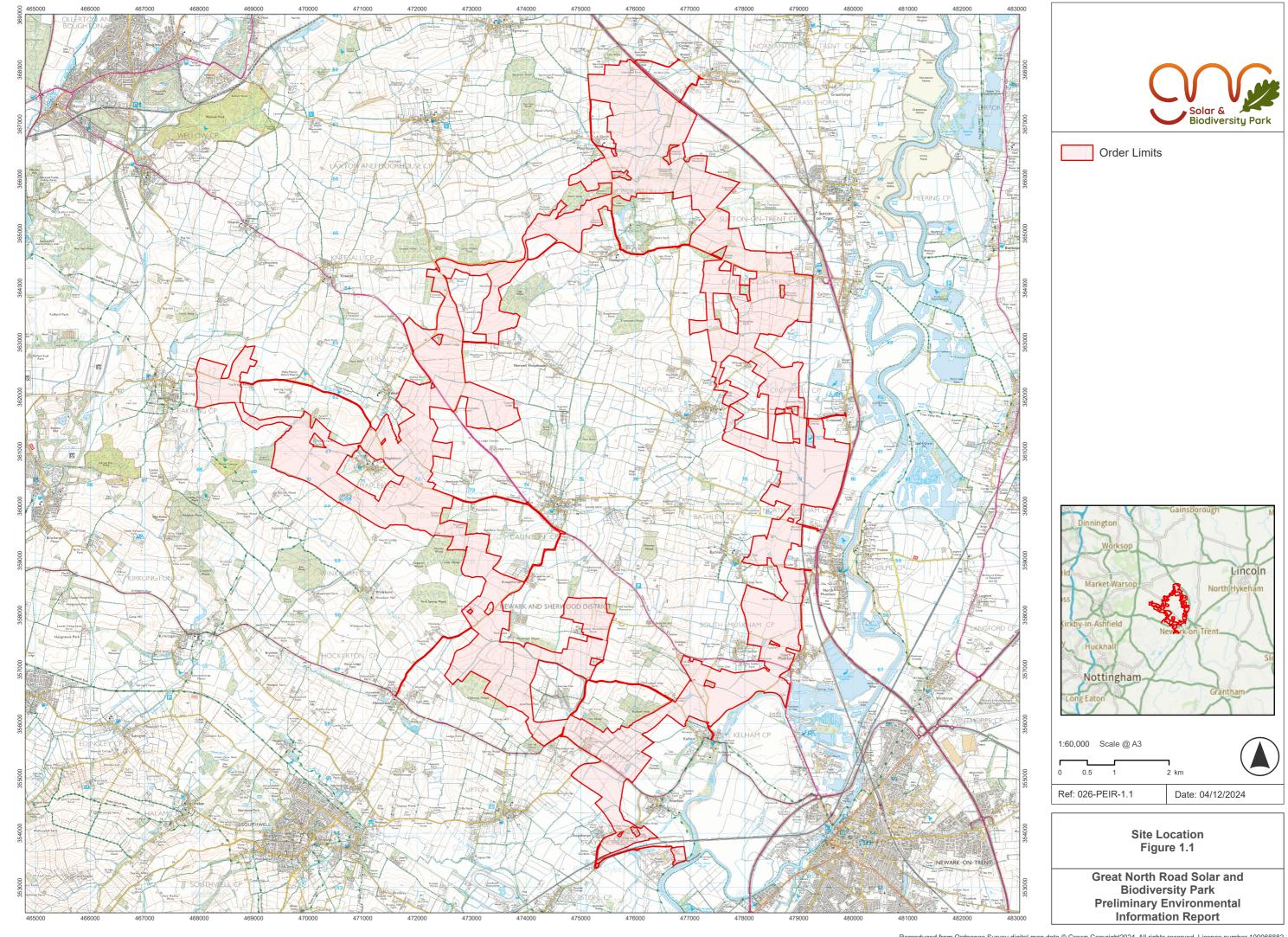
Revision number 1

June 2025

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, APFP Regulation 5(2)(q)

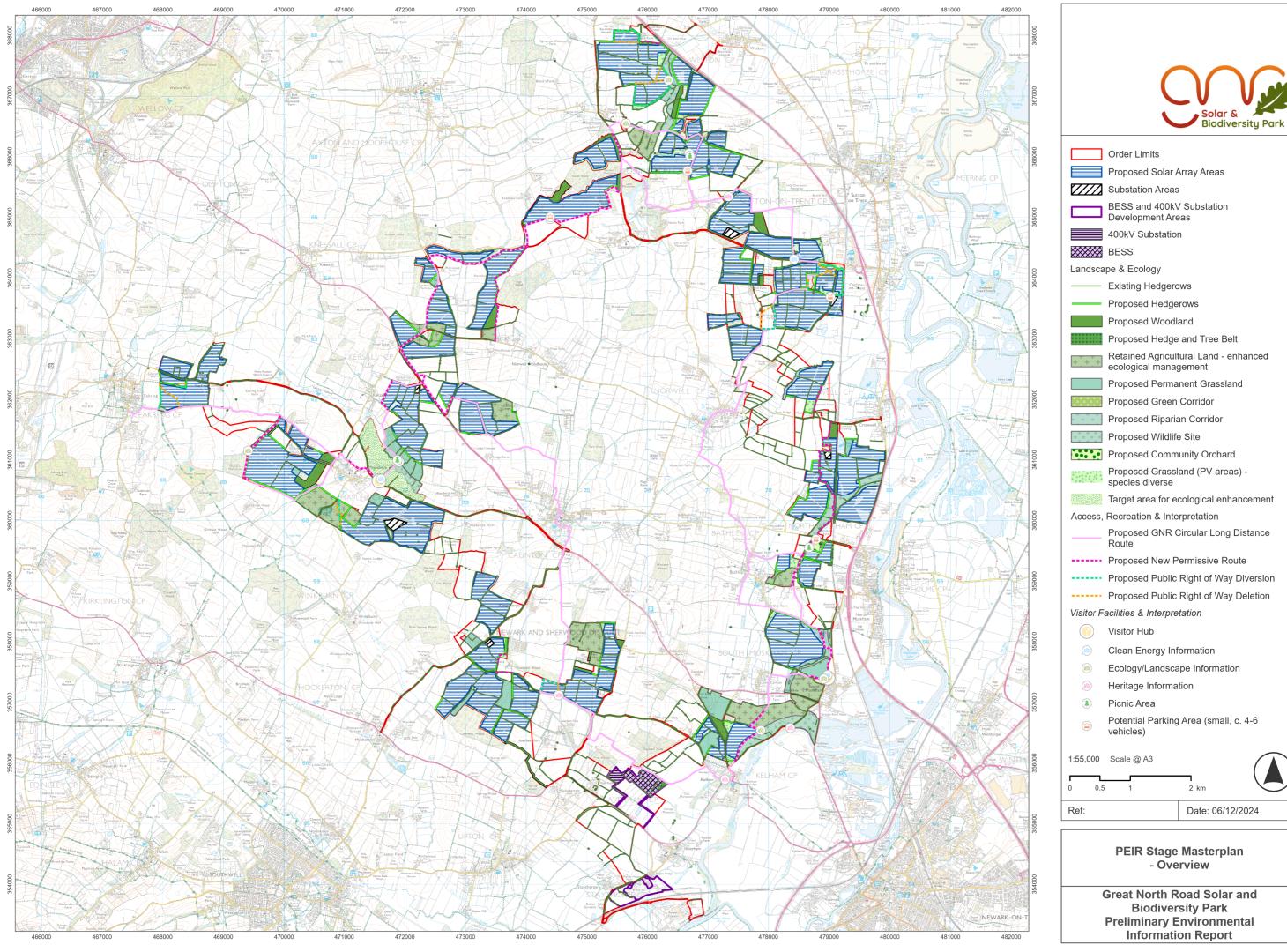


7 PHASE TWO SITE LOCATION PLAN



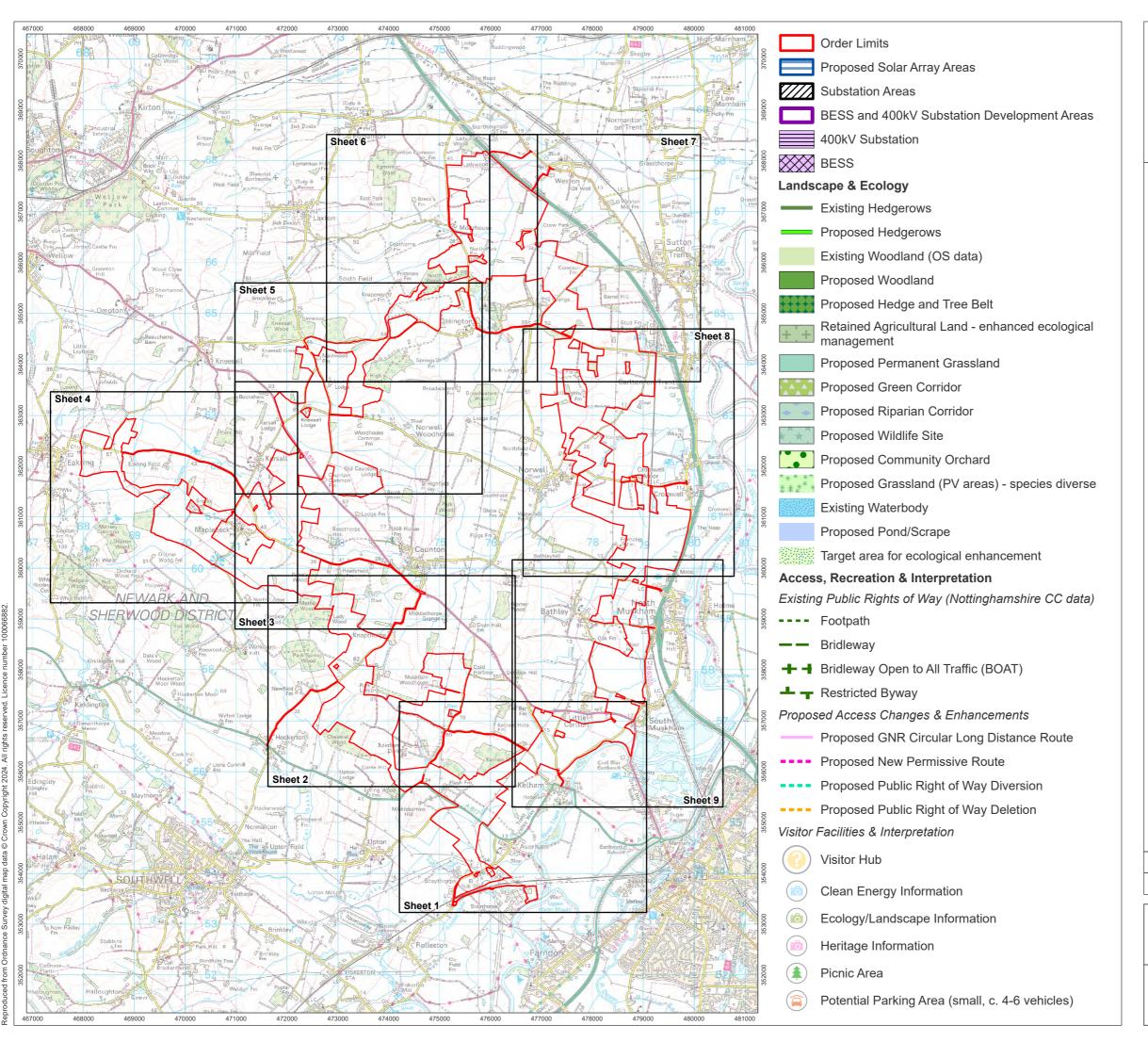


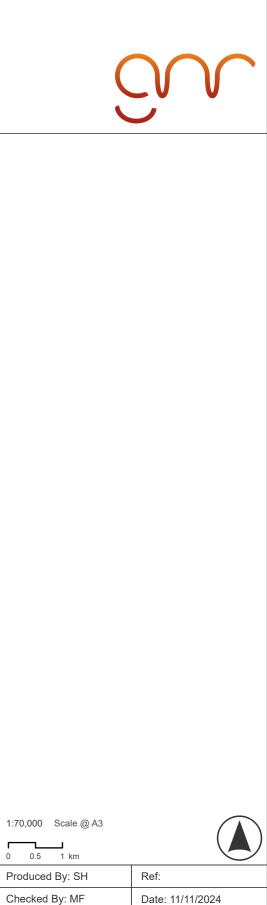
8 PHASE TWO MASTERPLAN OVERVIEW



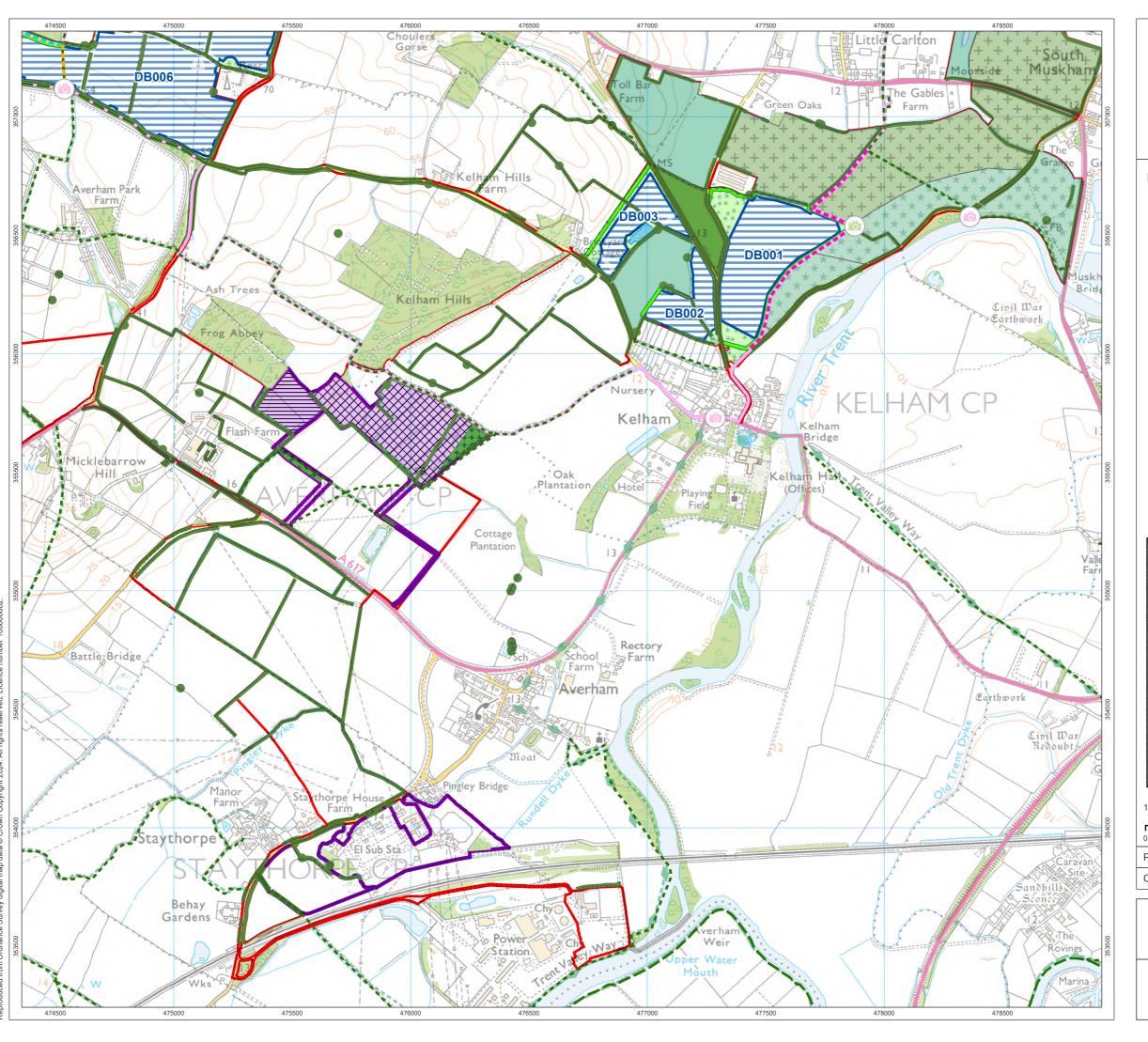


9 PHASE TWO MATERPLAN (SITES 1 TO 9)



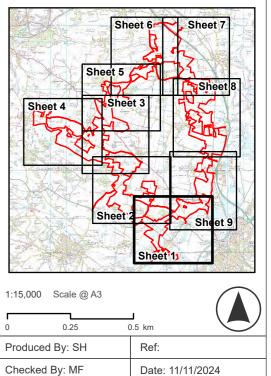


PEIR Stage Masterplan Figure 5.2 Overview & Key

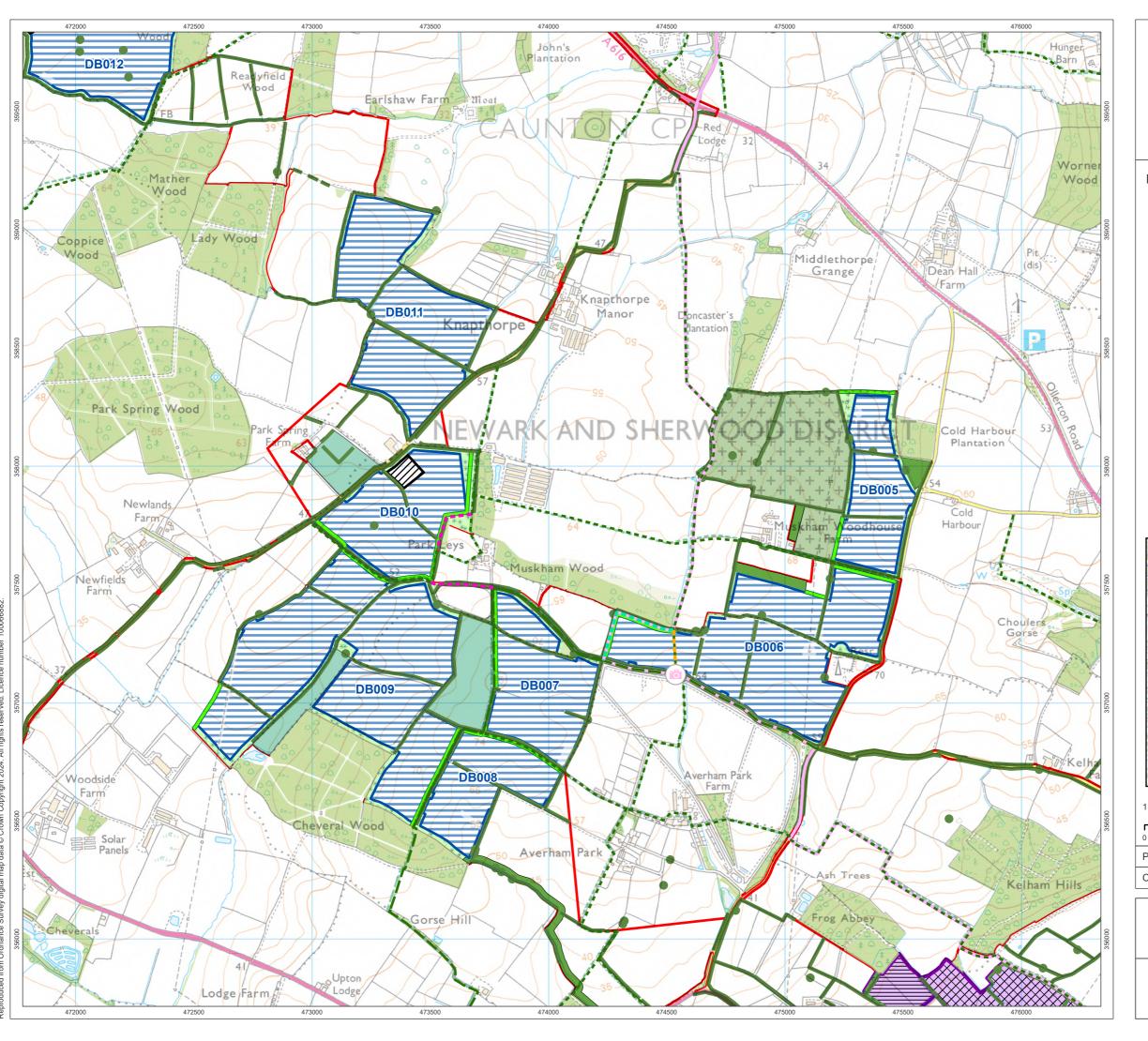




Refer to overview sheet for key.

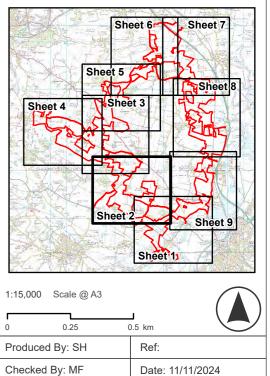


PEIR Stage Masterplan Figure 5.2 Detail Sheet 1

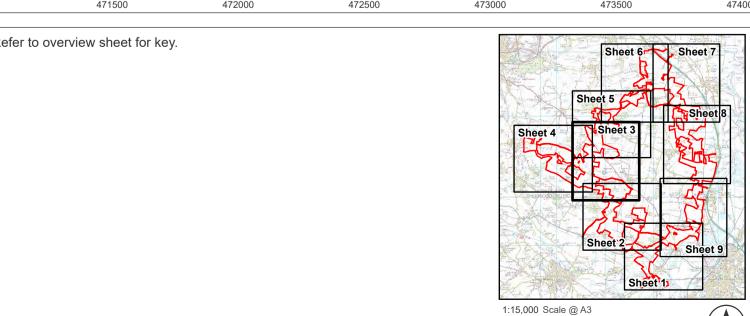




Refer to overview sheet for key.



PEIR Stage Masterplan Figure 5.2 Detail Sheet 2

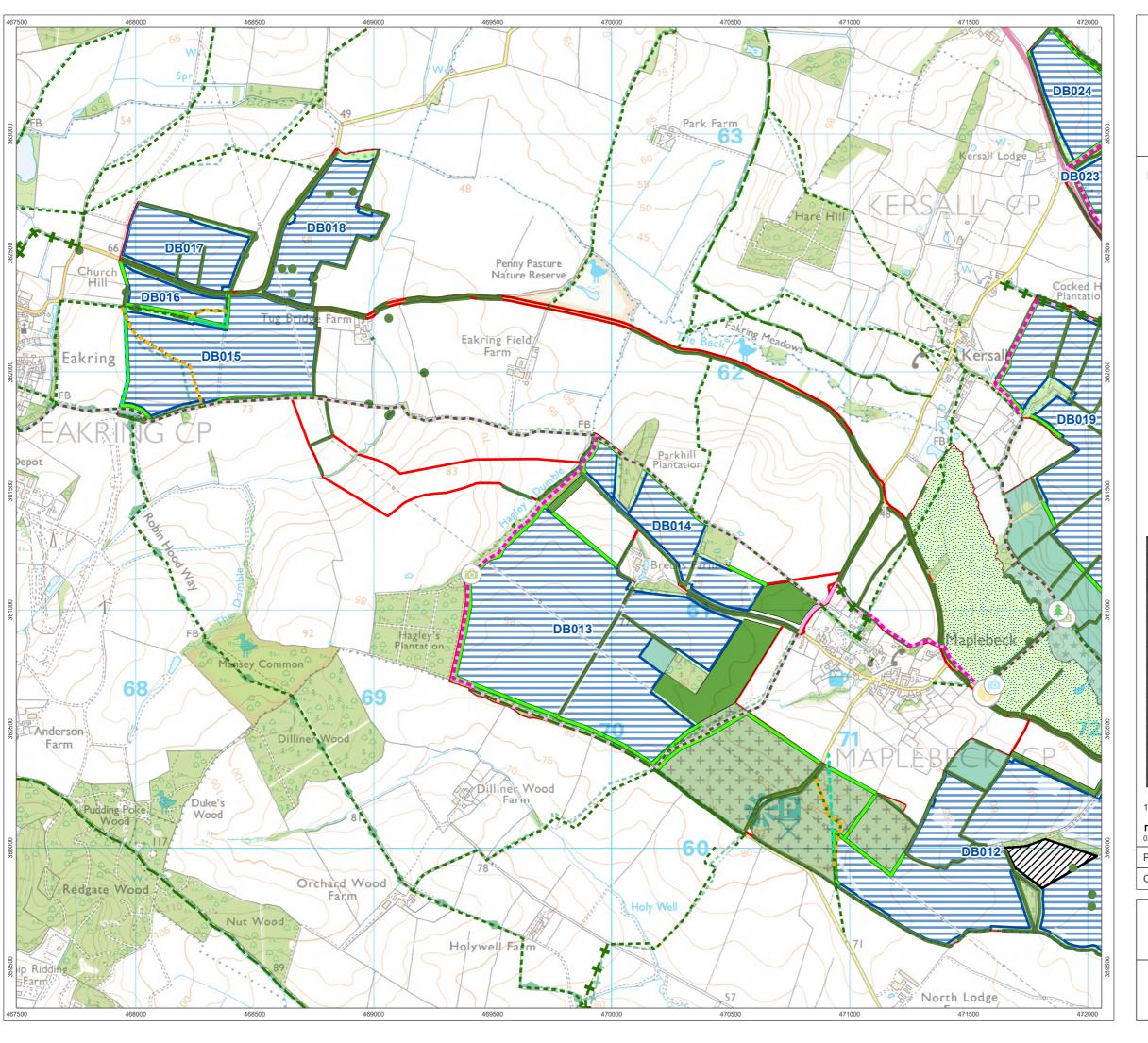


0.25

0.5 km

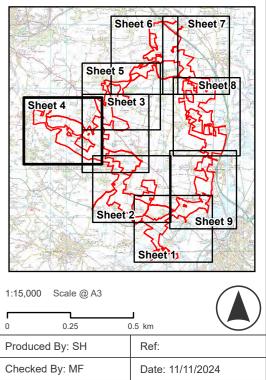


PEIR Stage Masterplan Figure 5.2 **Detail Sheet 3**

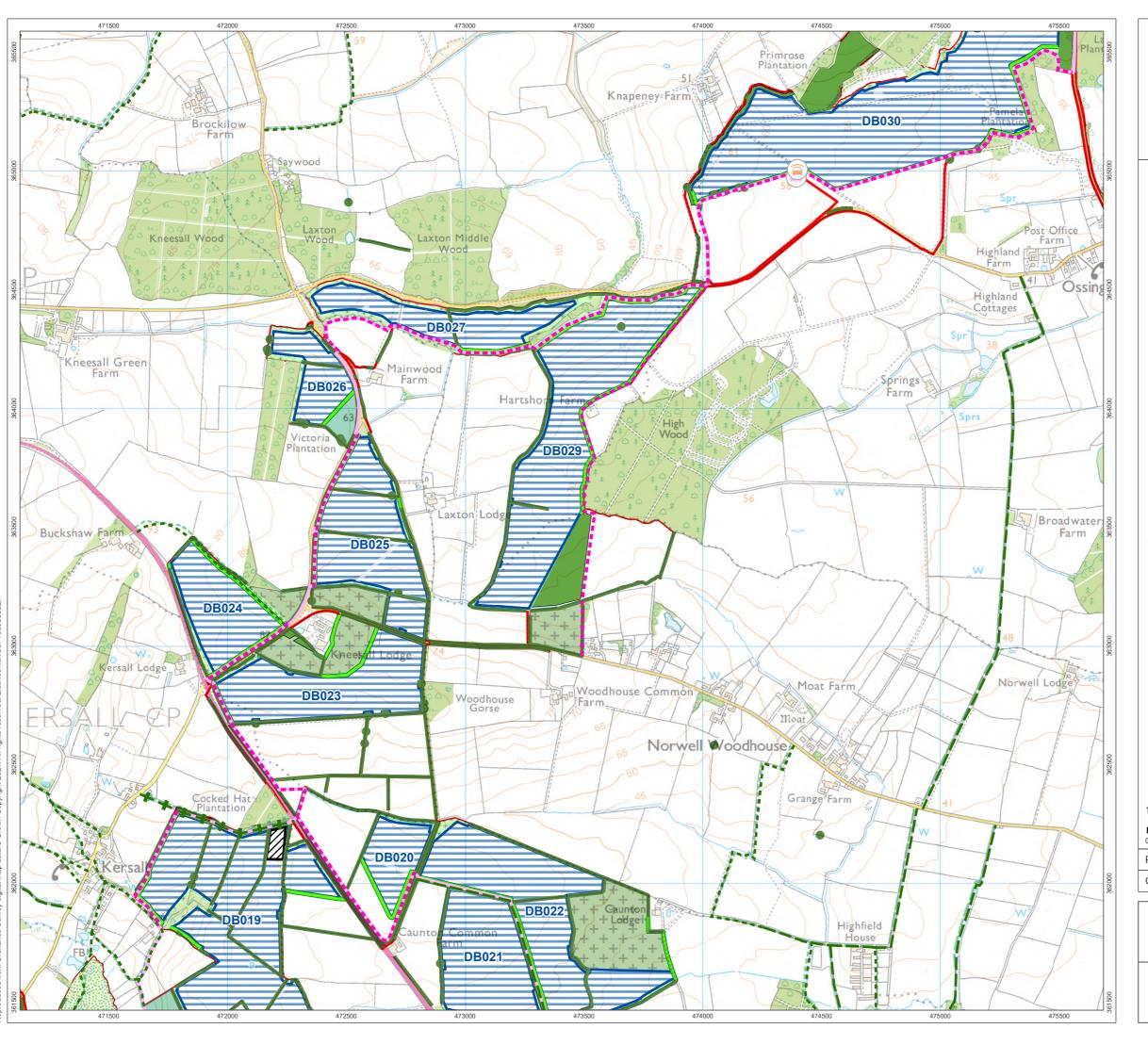




Refer to overview sheet for key.

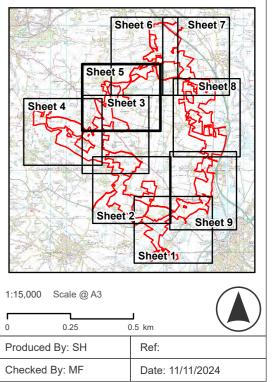


PEIR Stage Masterplan Figure 5.2 Detail Sheet 4

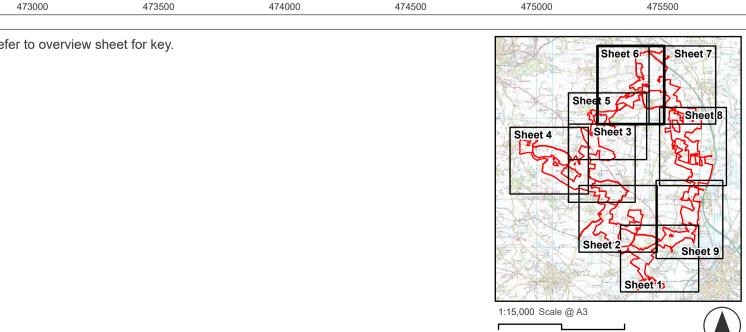




Refer to overview sheet for key.



PEIR Stage Masterplan Figure 5.2 Detail Sheet 5

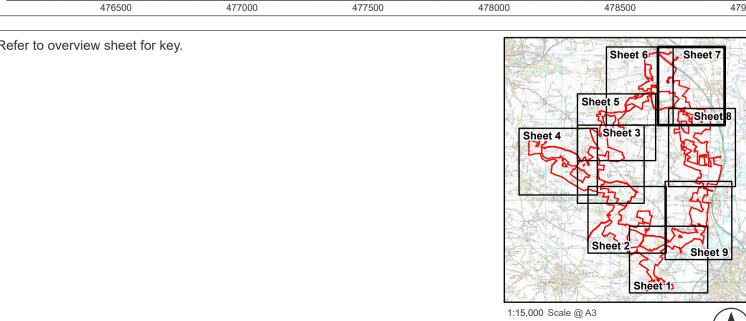


0.25

0.5 km

Produced By: SH Ref: Date: 11/11/2024 Checked By: MF

PEIR Stage Masterplan Figure 5.2 **Detail Sheet 6**



0.25

0.5 km



Produced By: SH Date: 11/11/2024 Checked By: MF

> **PEIR Stage Masterplan** Figure 5.2 **Detail Sheet 7**



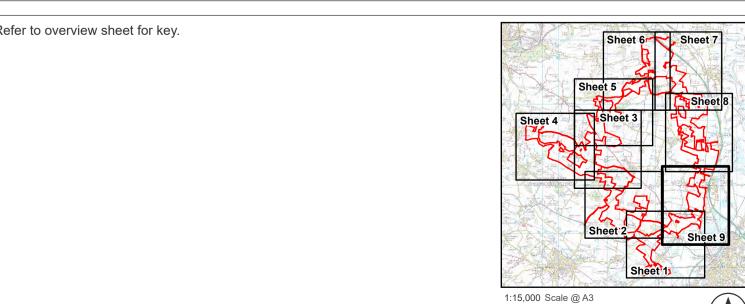
1:15,000 Scale @ A3

0.25

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Produced By: SH Ref: Date: 11/11/2024 Checked By: MF PEIR Stage Masterplan Figure 5.2

Detail Sheet 8



0.25

0.5 km

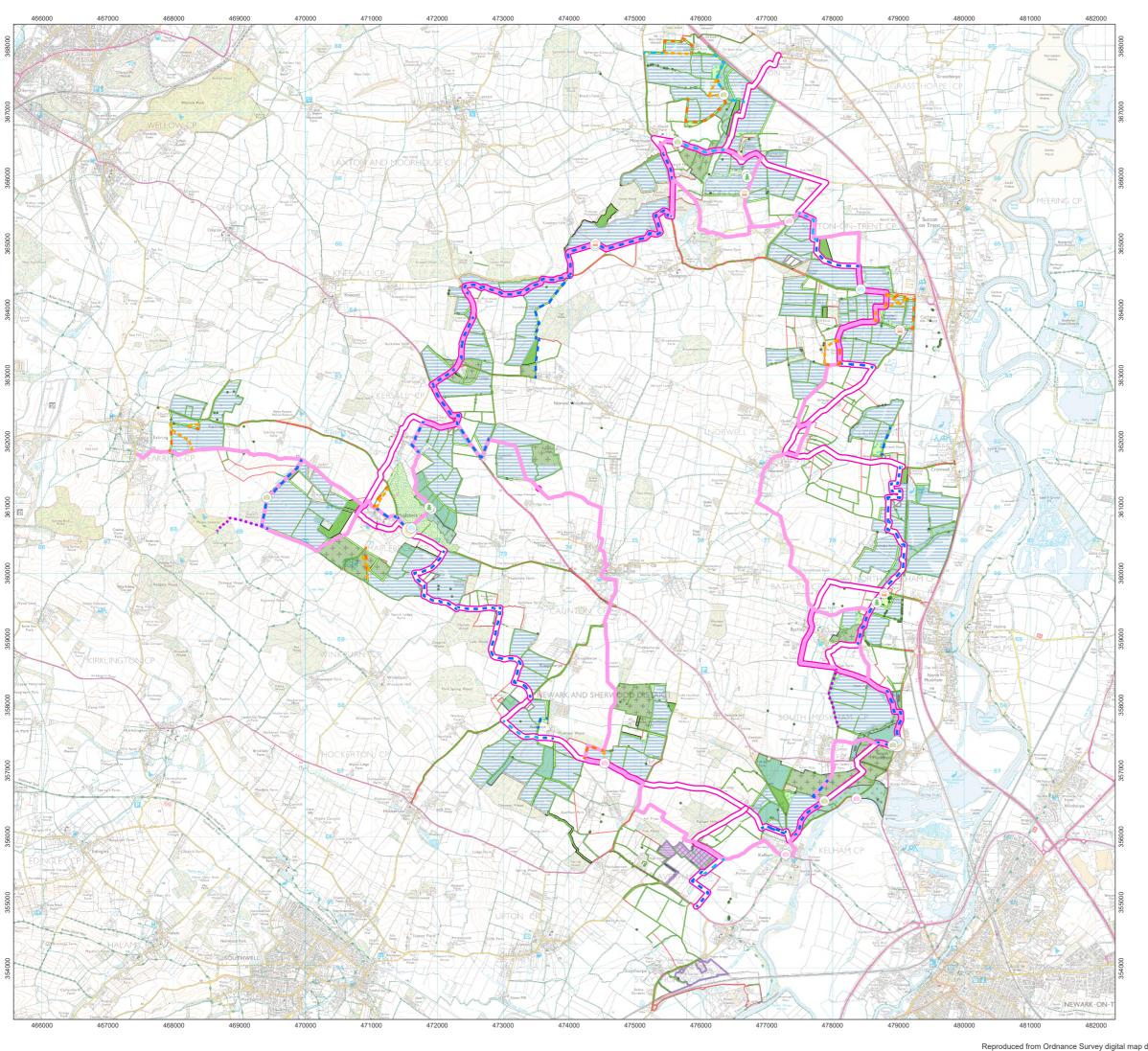


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> **PEIR Stage Masterplan** Figure 5.2 **Detail Sheet 9**



10 PHASE TWO ACCESS PROPOSALS





January 2025 - Access Proposals

- Proposed New Permissive Bridleway
- Proposed Public Right of Way Diversion
- Proposed Public Right of Way Deletion
- Potential New Permissive bridleway
- Footpath proposed to be upgraded to permissive bridleway
- Proposed GNR Cycle Route
- Proposed GNR Circular Walk

Visitor Facilities & Interpretation

- Visitor Hub
- Clean Energy Information
- Ecology/Landscape Information
- Heritage Information
- Picnic Area
- Potential Parking Area (small, c. 4-6 vehicles)

Notes

The design for the PEIR stage was fixed in Summer 2024 to allow the completion of preliminary assessments. Since that time, we have been talking to local consultees about access proposals as we continue to develop the design. This plan shows the proposed access changes taking account of the comments and ideas we have received so far.



January 2025 - Access Proposals

Great North Road Solar and Biodiversity Park January 2025 Consultation



11 PHASE TWO COMMUNITY WEBINAR SLIDES



Great North Road Solar and Biodiversity Park

Phase Two Consultation Community Webinar Monday 10 February 2025, 5:30pm-7pm

The webinar will begin shortly

Welcome

Thank you for joining us.

There will be a short presentation on the proposals for Great North Road Solar and Biodiversity Park and our Phase Two Community Consultation. Please note the full suite of exhibition boards are on our website, including our Masterplan and 9 detailed section maps, and our Preliminary Environmental Information Report (PEIR).

This will be followed by a question and answer (Q&A) session. Please post your questions either during or after the presentation in the Q&A box at the bottom of your screen.

We will try to answer as many questions as possible before the webinar ends. Please send any further or unanswered questions to our project information lines.

This session will finish at 7pm.



Agenda

- 1) Introduction: who we are and where we are now
- 2) Great North Road Solar and Biodiversity Park: an overview of the proposals
- 3) Shaping the Great North Road Solar and Biodiversity Park: your feedback, our actions
- 4) Project timeline: indicative development timeline
- 5) Q&A: submitted questions will be answered by members of the project team



Who we are

The proposals for the Great North Road Solar and Biodiversity Park are being developed by Elements Green (EG), who has a proven track record in renewable energy development, with 7 gigawatts (GW) of renewable energy development projects globally.

Elements Green is dedicated to developing renewable energy solutions that provide lasting benefits for communities and the environment. The Great North Road Solar and Biodiversity Park, our flagship project, demonstrates our commitment to clean energy, community engagement, and sustainability.





Where we are now

Elements Green is developing proposals for a new solar and energy storage park located to the northwest of Newark-on-Trent, Nottinghamshire.

Great North Road (GNR) Solar Park would deliver around 800 megawatts (MW) AC of clean, affordable energy to the National Grid.

Our Phase Two consultation launched on **Thursday 09 January 2025**. It will run for six weeks, closing on **Thursday 20 February 2025**.

We welcome all communities and interested parties to view, discuss and comment on our proposals. We are committed to undertaking a transparent and rigorous consultation process, which involves engaging with local planning authorities, community groups and statutory consultees.



Your feedback, our actions

During our initial consultation in January and February 2024, community feedback highlighted key priorities and concerns, guiding the direction of our proposals. Responses from across the local community helped us focus on the aspects that matter the most to residents, including visual impact, ecology, flood risk, local employment, and recreational amenities.

We've structured today's session around these themes, introducing the "You Said, We Did" slides to communicate our actions in each area.

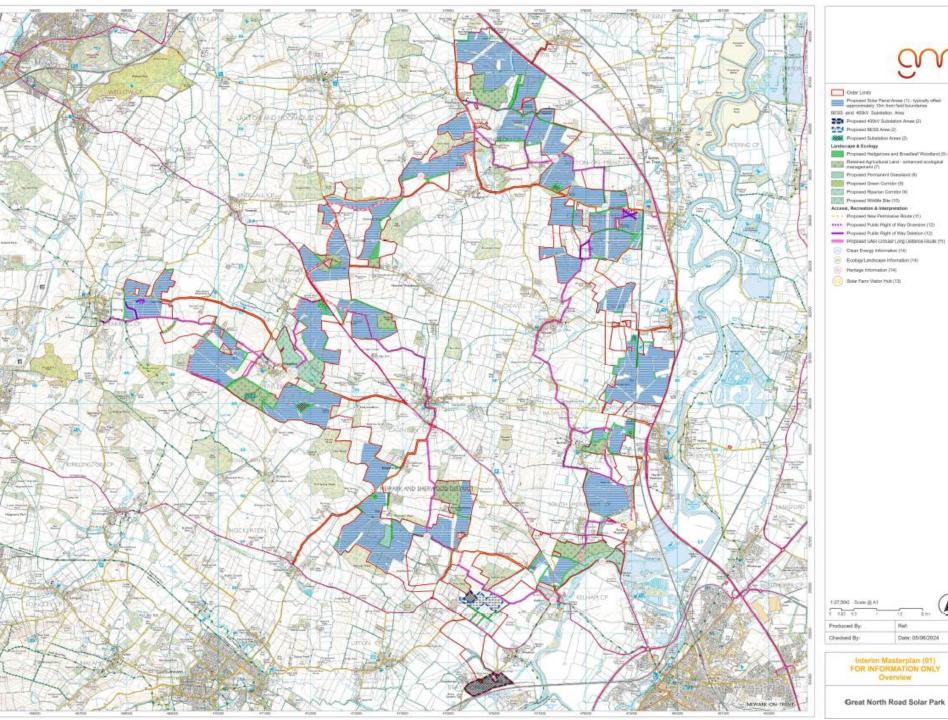


Key themes of feedback

From the responses gathered, nine key themes emerged, forming the foundation of this consultation event design:

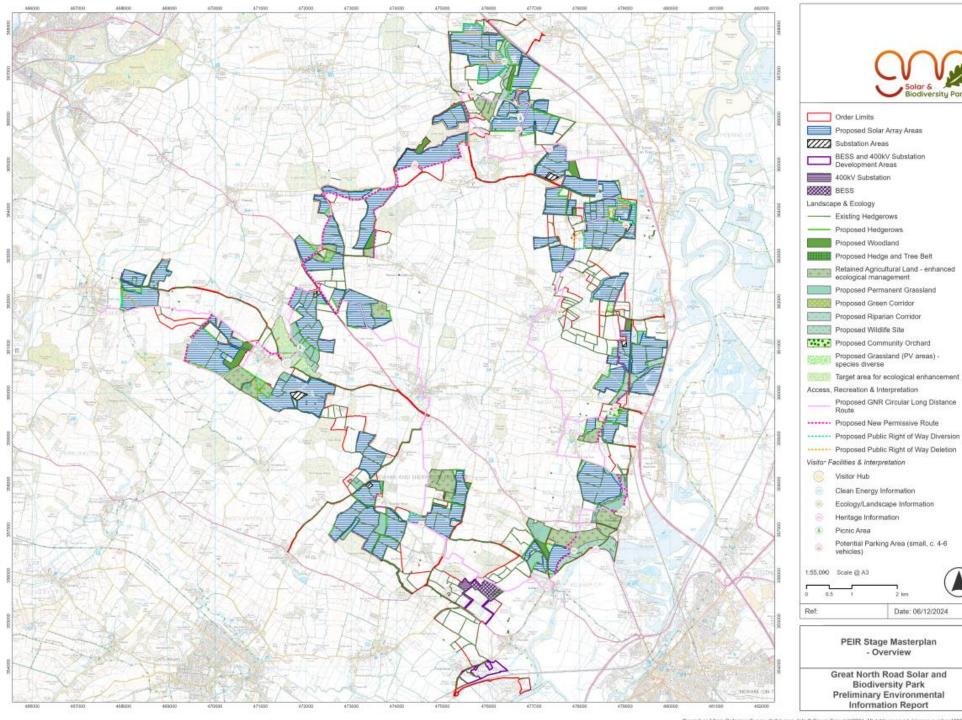
- 1. Landscape and visual impact
- 2. Local ecology and biodiversity
- 3. Land use and agriculture
- 4. Rooftop solar and energy efficiency
- 5. Hydrology and flood risk
- 6. Tourism, recreation and well-being
- 7. UK manufacturing and supply chain
- 8. Education and job creation
- 9. Noise and local heritage





March 2024 - Interim Masterplan









Date: 06/12/2024

- Overview

We ... designed to protect your countryside views

EG has developed a landscape-sensitive design that respects the local aesthetic. We have incorporated a range of measures to ensure the project complements the natural surroundings and minimises visual impact.

Key Commitments:

- Extensive natural Screening: We will plant approx. 50,000 native trees and establish approx. 46 km of hedgerows.
- Design adjustments based on visual impact feedback: We have removed select arrays from highly visible areas and relocated the substation.
- Low-profile, well-spaced solar PV arrays: Solar panels are designed to be low-profile respecting the area's topography, preserving key sightlines.

Community feedback:

"This will industrialise our landscape."

"The landscapes that will be destroyed are a public good, with value to the nation and wider society, including future generations."





We ... designed to enhance local biodiversity

We have established a Biodiversity Steering Group (BSG), with respected conservation partners, including the RSPB, Sherwood Forest Trust, Nottinghamshire Wildlife Trust, and Trent Rivers Trust.

Key Commitments:

- More: Increasing the diversity of habitats and help deliver a Biodiversity Net Gain across the site.
- Better: Enhancing habitat quality through active management to improve ecological value.
- **Bigger:** 850 acres of native wildflower meadows, grasslands and wetlands.
- Joined-up: Establishing wildlife corridors to reduce habitat fragmentation.

Community feedback:



"The project is detrimental to the local environment, wildlife, ecology and agriculture."

"The destruction of natural fields and the habitats of the wildlife in them, both the animal and floral, is unimaginable."



We ... diversified the agricultural use of the land by design

This is a temporary land use, not a permanent loss of farmland, guaranteed by both the planning process and the bond in the land agreements.

Key Commitments:

- Avoided siting on the highest-grade land based on data provided by Natural England.
- Collaboration with Local Famers for dual land use.
- The decommissioning bond guarantees funding for the removal of equipment after 40 years.
- Removing intensive farming: eliminating nitrates and phosphates, supporting soil health, biodiversity and improving water quality.



Community feedback:

"Farming is of great economical value upon which the sustainability, livelihood, lifestyle, local amenities and local business depend; which would be decimated by these proposals."



We ... created a Rooftop PV Grant Scheme

The UK Solar target of 47 GW by 2030 requires both ground-mounted and rooftop PV. Part of our NG+ programme provides renewable energy-saving solutions for local residents and businesses.

Key Commitments:

- Rooftop solar funding: Funding is available for local homes, businesses and public buildings.
- Energy efficiency upgrades: Grants for energy-efficient upgrades.
- Energy efficiency surveys: In 2024, with over 80 people registering interest, we conducted free energy efficiency surveys. This will continue in 2025.



Community feedback:

"Solar farms should be appropriately located on already brownfield industrial land, on roof tops, public buildings or on steel frames over car parks not in an area which will cause significant visual impact."



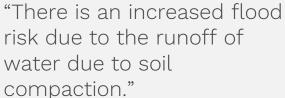
We ... designed the scheme to not increase flood risk

EG has prioritised sustainable water management in the park design. Our partnership with the Trent Rivers Trust (TRT) has enabled the initiation of design of projects to alleviate pre-existing flooding in local villages.

Key Commitments:

- Enhanced drainage: Planned sward, swales and constructed wetlands will naturally absorb and slow water run-off.
- Tree planting for soil stability: Approx. 50,000 trees will be planted, increasing water absorption, reducing erosion and slowing rainwater flow.
- Partnership with the Trent Rivers Trust (TRT): "Our vision is for a healthy, functioning water environment that supports diverse habitats."
- Pre-existing flood prevention schemes: NG+ funding for SuDs, culvert expansions and other water management solutions.

Community feedback:



"I think that a significant drive for the project needs to be ensuring that the vast majority of flood risk is mitigated."





We ... expanded recreational spaces

EG has designed the park to include green spaces that enhance tourism, provide outdoor activities, and contribute to the overall well-being of residents and visitors alike.

Key Commitments:

- New permissive pathways and cycling routes: New paths will connect with existing local routes. Certain new paths are designed for horse riding and cycling and are landscaped where suitable.
- Incorporated a new community orchard: Supporting health and wellbeing.
- NG+ support for community initiatives: Funding will be directed towards local recreation projects, such as community gardens, allotments and outdoor fitness.



Community feedback:

"I don't want to drive or walk through a sea of panels. We moved to the countryside to enjoy just that and not to be surrounded by metal."

"Seriously consider the impact of people's wellbeing."



We ... sourced what we can from the UK

Following feedback, we researched what products we could procure from the UK to minimise imports from Asia. Electrical cable and steel for mounting frames can be purchased from the UK. EG is a London based developer delivering sustainable investment to the UK regions.

Key Commitments:

- Use of British Steel: The use of British Steel with innovative manufacturing can significantly reduce the carbon footprint of the project.
- Recycling partnership with UK Clean Steel producer: We are discussing a buy-back arrangement, ensuring the steel used in the mounting frames will be recycled.
- Commitment to UK-based sourcing: Where possible, materials, technology and services for the park are sourced from UK suppliers.
- NG+ investment in local businesses: Through NG+, we are funding local renewable energy and green technology businesses.

Community feedback:

"Important to provide employment and manufacturing opportunities."

"You should consider the origin, manufacture and transport of all the necessary infrastructure, and carbon footprint."





We ... launched the EG Academy

EG is committed to educating and empowering the local workforce and providing high value job opportunities. For this reason, we created a renewable energy skills Academy. EG Academy offers local people of all ages free online and on-site CPD accredited learning.

Key Commitments:

- Launch of the EG Academy: Offers comprehensive courses covering all stages of renewable energy projects.
- Apprenticeships and Green Skills Training: We will offer apprenticeships, PhDs and vocational training.
- Support for local green businesses and start-ups: By supporting sustainability focused start-ups, we aim to stimulate innovation in the green economy, creating new pathways for job creation.
- School partnerships and educational programmes: EG Academy is partnering with local schools to introduce renewable energy education.

Community feedback:

"Provide opportunities for environmental based projects for youth organisations."

"I'm concerned for local businesses, as the project may hinder local tourism and businesses. What will be done to counteract this?"





We ... prioritised safety, noise reduction & heritage

These concerns are addressed in detail in the project's Preliminary Environmental Information Report (PEIR).

Key Commitments:

- Safety in Battery Energy Storage (BESS): The BESS will be designed with robust safety features, including 24/7 monitoring, fire suppression systems and low-noise cooling.
- Noise reduction: The main substations and BESS have been positioned away from sensitive properties and their occupants. They may be equipped with acoustic walls if required, following further assessment.
- Respecting archaeology and local heritage: Comprehensive assessment are ongoing to identify and protect historically significant areas. Based on these findings, design adjustments will be made to avoid sensitive locations.

Community feedback:



"I'm concerned over noise which solar panels and the infrastructure give off which may affect wildlife."

"The project may affect personal safety of residents, ramblers and the public in general."



We ... planned lasting benefits through NG+

NG+ is an annual £1M community support scheme linked to project. EG has launched the NG+ scheme to created a positive, lasting impact on the region surrounding the GNR Solar and Biodiversity Park.

Key Commitments:

- NG+ Trust managed by Nottingham Community Foundation (NCF): To guarantee fair and transparent distribution of funds.
- Enhancing local well-being and biodiversity: NG+ funding supports initiatives like community gardens, wildlife habitats, and recreational amenities. So far EG's discretionary funding has included Maplebeck's flood shed, the sponsorship of Muskham's youth football club, new kitchen flooring for Egmanton's Village Hall and subsidising a living roof garden at the Air and Space Institute.
- Investment in green job skills development: NG+ funding supports development through training and apprenticeships in renewable energy.





Development Process Timeline*

November 2023

 Environmental Impact Assessment (EIA) Scoping Request submitted to PINS

Early 2024

- Phase One Consultation (non-stat)
- Ongoing environmental • studies

Spring 2024

- SoCC development and formal consultation
- Ongoing
 engagement
 with local
 communities /
 representative
 organisations

Summer 2024

Draft SoCC sent to LPAs

Winter 2025

- Publication of PEIR
- Phase Two Consultation (stat)

August 2025

 Anticipated DCO submission

2025/2026

DCO Examination and determination process

2027

 Anticipated start of construction (subject to consent being granted)

*Please note this timeline is indicative and may be subject to change



Have your say

We want to hear your feedback on the Great North Road Solar and Biodiversity Park.

We value local knowledge, and we are confident that this consultation will result in a strong set of proposals that respect the concerns of local communities while generating clean, renewable energy. We will acknowledge and record all comments submitted to us during this consultation taking them into consideration to help inform our decisions as we evolve and finalise our proposals.

You can provide feedback to our Phase Two Consultation in the following ways:

Visit our project website

Our dedicated website (<u>www.gnrsolarpark.co.uk</u>) provides the latest project information, including relevant documents and answers to frequently asked questions (FAQs). You can view and download all consultation materials and complete an online feedback form via our website.

Contact us via our communication lines

Email: info@gnrsolarpark.co.uk
Call: Freephone 0808 175 4045
Write: FREEPOST GNR SOLAR

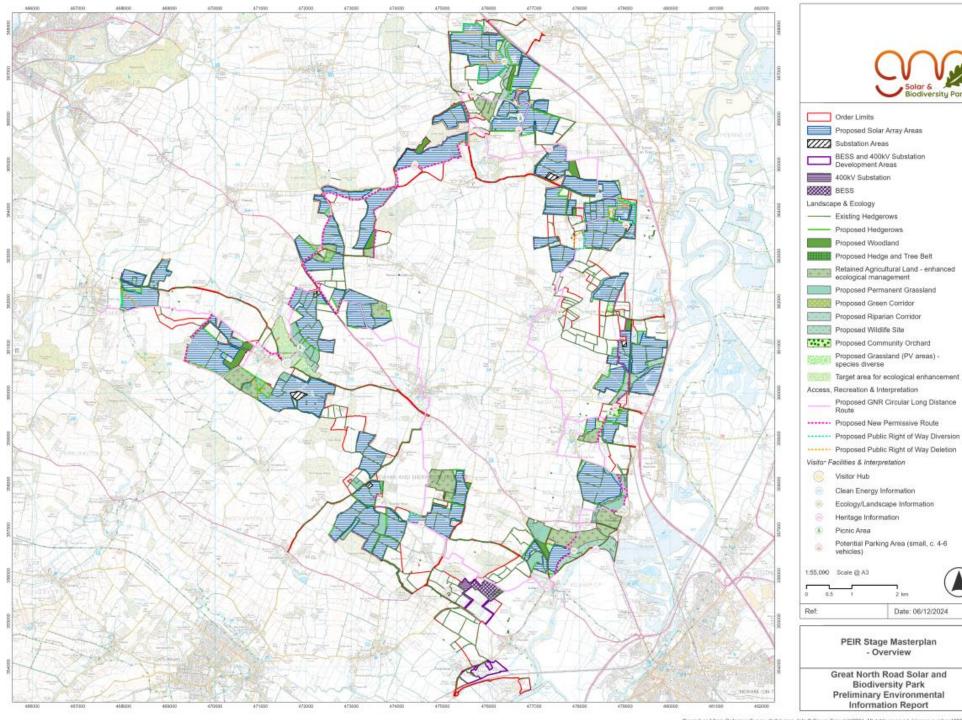
The deadline to provide feedback on Great North Road Solar and Biodiversity park is **Thursday 20 February 2025** (on or before this date).





Q&A session

Thank you for listening

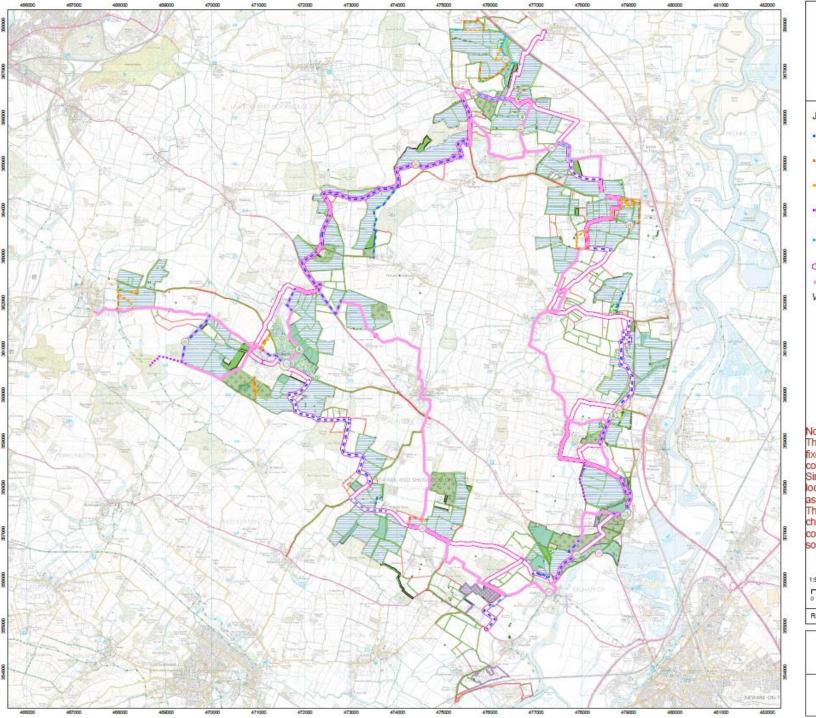






Date: 06/12/2024

- Overview





January 2025 - Access Proposals

Proposed New Permissive Bridleway

Proposed Public Right of Way

Proposed Public Right of Way

Potential New Permissive bridleway Footpath proposed to be

- - - upgraded to permissive bridleway

Proposed GNR Cycle Route

Proposed GNR Circular Walk

Visitor Facilities & Interpretation

Visitor Hub

Clean Energy Information

Ecology/Landscape Information

Heritage Information

Picnic Area

Potential Parking Area (small, c. 4-6 vehicles)

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1:55,000 Scale @ A3 0.5 Ref:

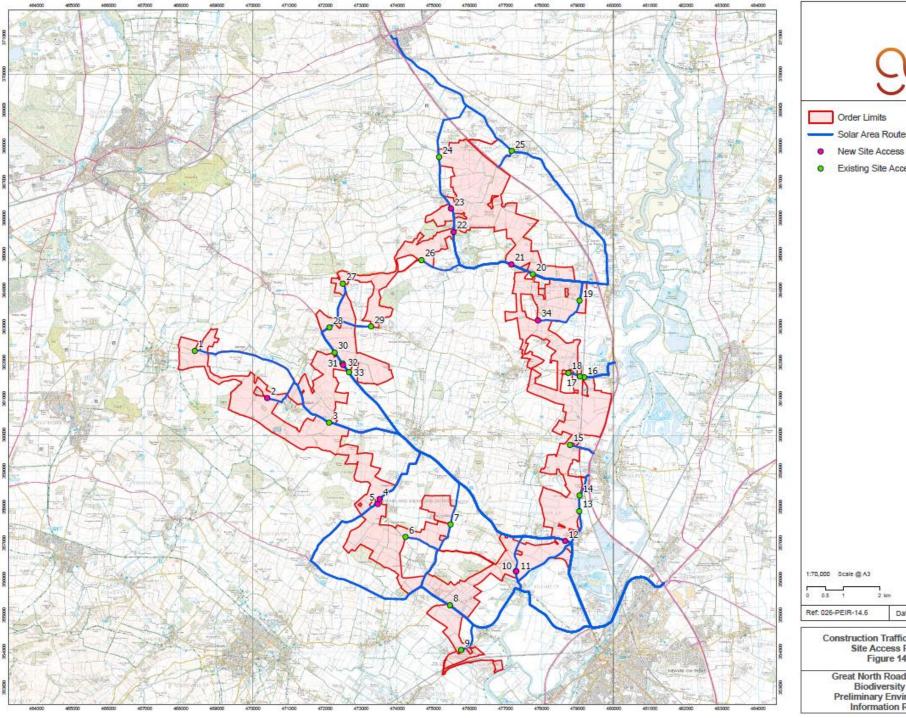
Date: 07/01/2025

January 2025 - Access Proposals

Great North Road Solar and Biodiversity Park January 2025 Consultation

January 2025 Access Proposals

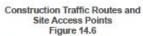






- Order Limits
- Solar Area Routes
- Existing Site Access

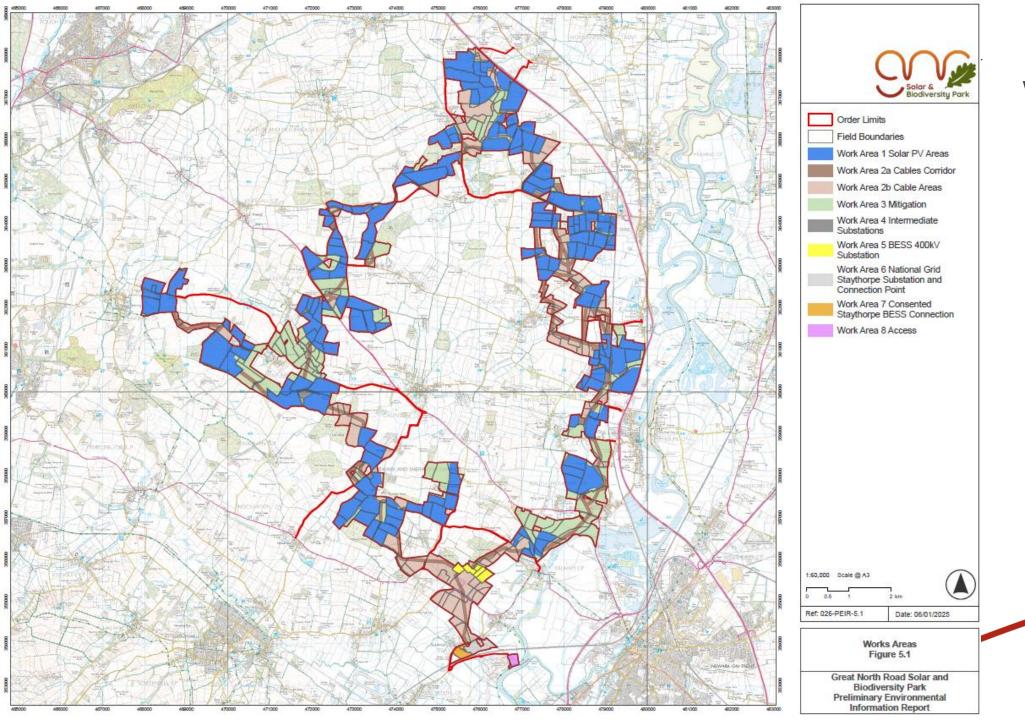
PEIR Figure 14.6 Traffic Routes and Site Access Points



Date: 04/12/2024

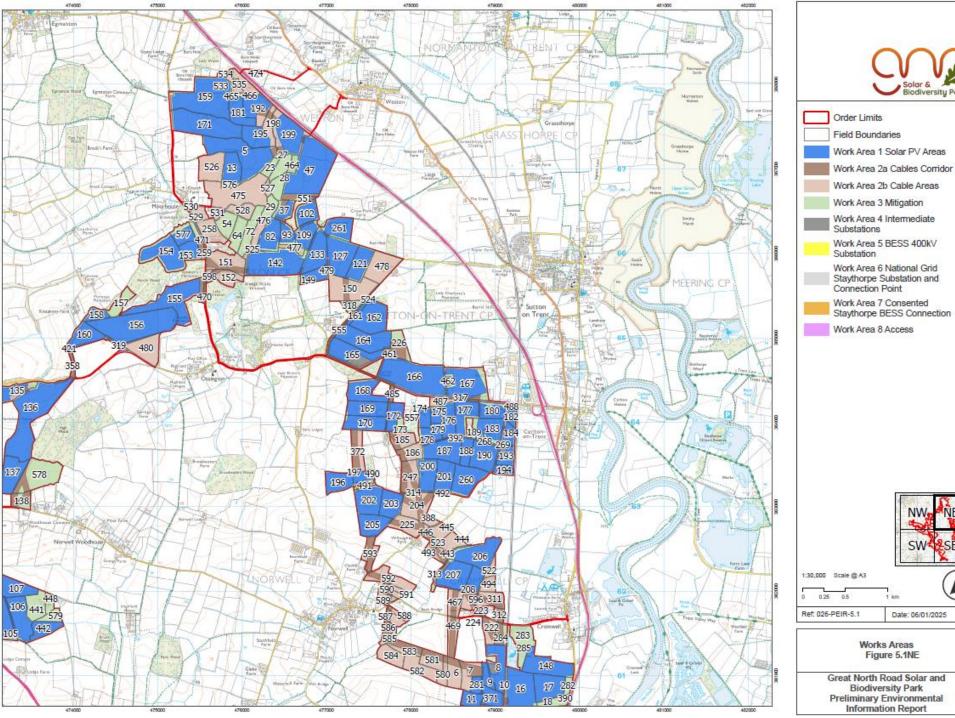
Great North Road Solar and Biodiversity Park
Preliminary Environmental
Information Report





Work Areas Figure 5.1





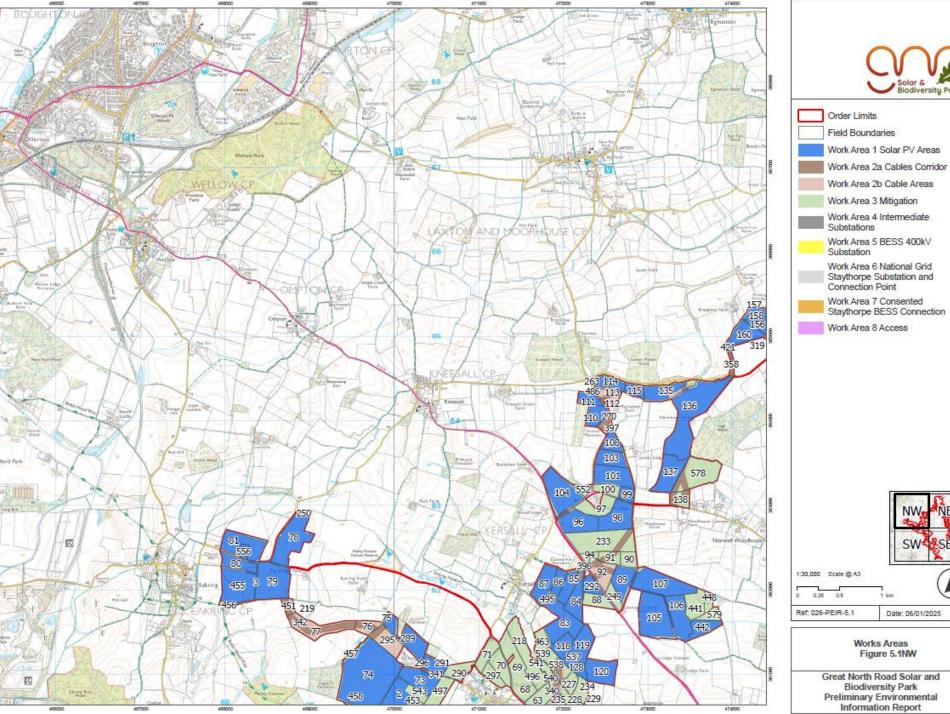
Work Areas Figure 5.1



Date: 06/01/2025

Great North Road Solar and Biodiversity Park Preliminary Environmental Information Report



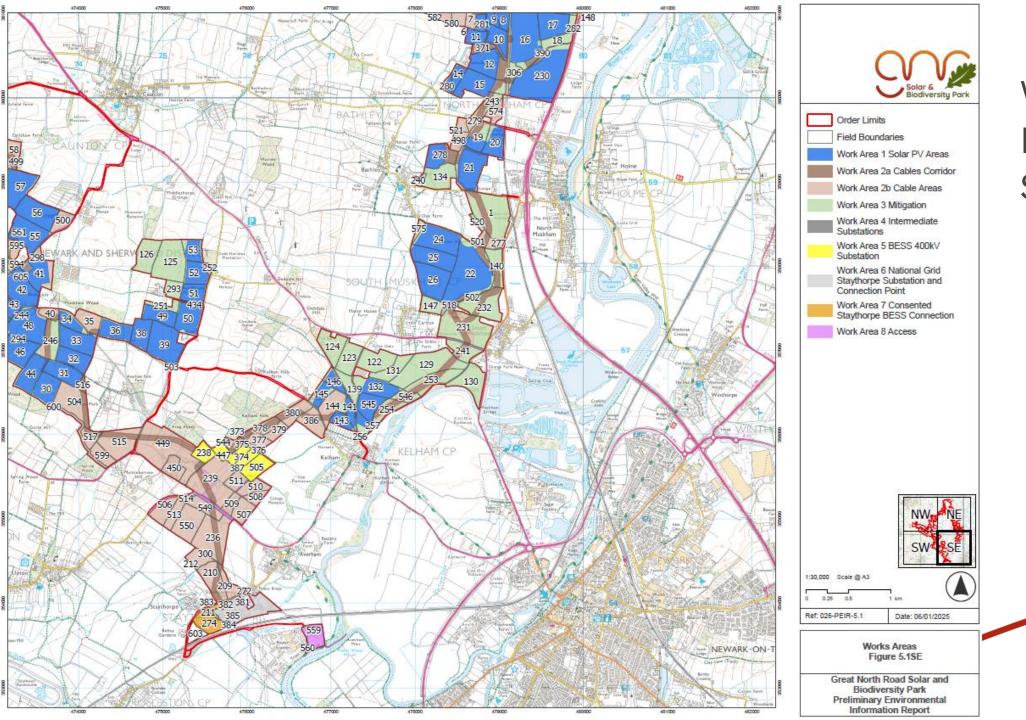


Work Areas Figure 5.1 NW



Great North Road Solar and **Preliminary Environmental**





Work Areas Figure 5.1 SE



