



Planning Act 2008  
Infrastructure Planning  
(Applications Prescribed  
Forms and Procedure)  
Regulations 2009

# North Lincolnshire Green Energy Park

Volume 4

APFP Regulation 5(2)(o)

4.15 Indicative Railway drawings

PINS reference: EN010116

May 2022

Revision number: 0



---

# The North Lincolnshire Green Energy Park Development Consent Order

## 4.15 Indicative Railway Drawings

**Date: May 2022**

**PINS reference: EN010116**

**Application Document Reference: 4.15**

**Author: Intermodality**

---

## CONTENTS

<b>CONTENTS.....</b>	<b>1</b>
<b>1. INTRODUCTION .....</b>	<b>2</b>
1.1 General .....	2
<b>2. SCHEDULE OF PLANS INCLUDED IN THIS APPLICATION DOCUMENT .....</b>	<b>3</b>

# 1. INTRODUCTION

## 1.1 General

1.1.1 The following Plans have been prepared to accompany the application for a Development Consent Order (DCO), made by the Applicant to the Secretary of State (SoS) via the Planning Inspectorate (the Inspectorate).

1.1.2 A detailed description of the Project can be found in Chapter 3 of the ES (**Document Reference 6.2.3**).

1.1.3 These Plans comprise part of the suite of Application documentation and are included in the Application in compliance with Regulation 5(2)(o) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (the 2009 Regulations), which requires:

*(o) any other plans, drawings and sections necessary to describe the proposals for which development consent is sought, showing details of design, external appearance, and the preferred layout of buildings or structures, drainage, surface water management, means of vehicular and pedestrian access, any car parking to be provided, and means of landscaping;*

1.1.4 These Plans are also being submitted under Regulation 5(4) of the 2009 Regulations which states:

*"Where a plan comprises three or more separate sheets a key plan must be provided showing the relationship between the different sheets."*

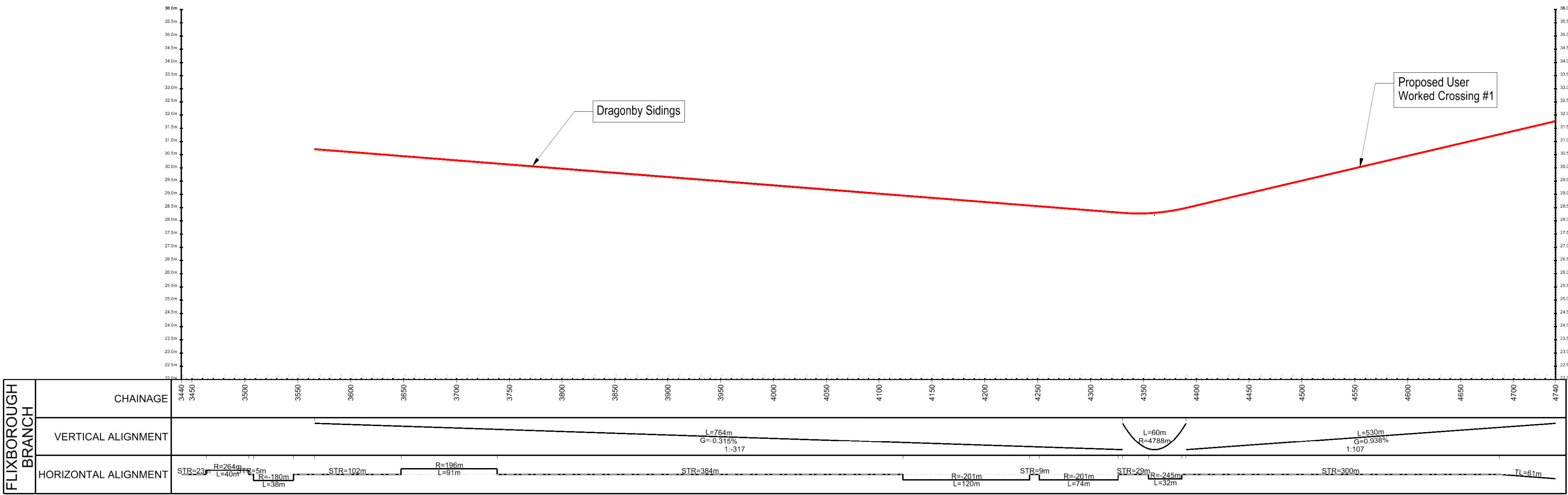
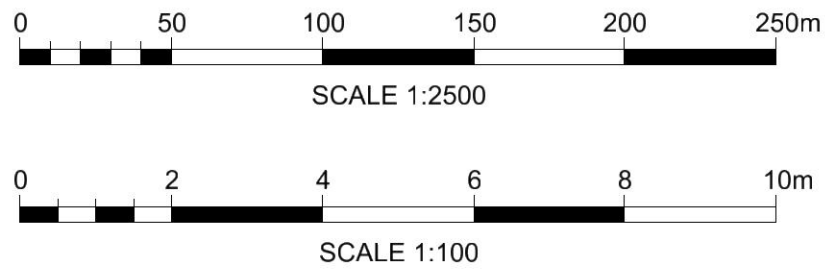
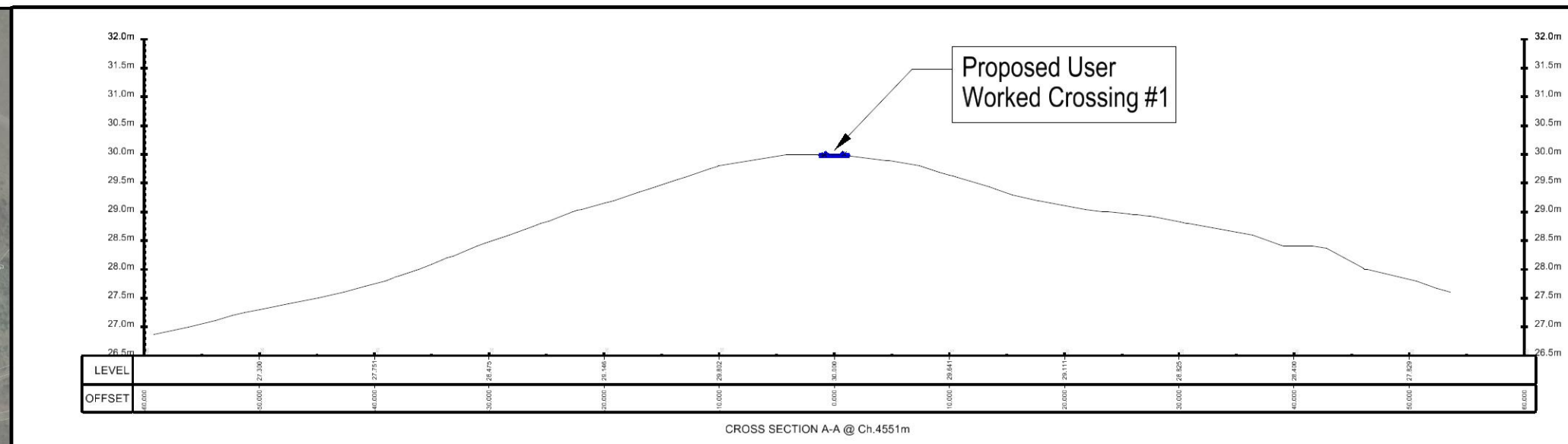
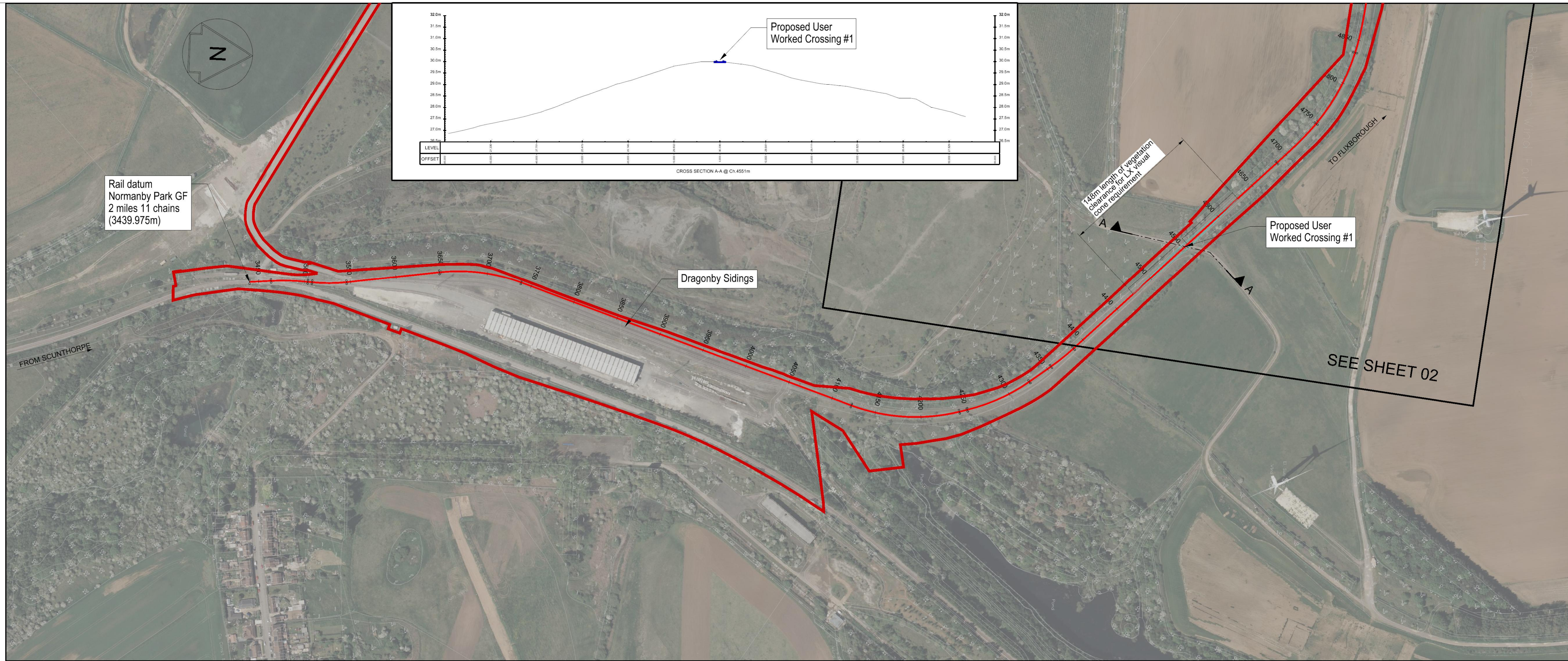
1.1.5 These Plans are part of the Application documentation and should be read alongside and are informed by the other Application documents.



## 2. SCHEDULE OF PLANS INCLUDED IN THIS APPLICATION DOCUMENT

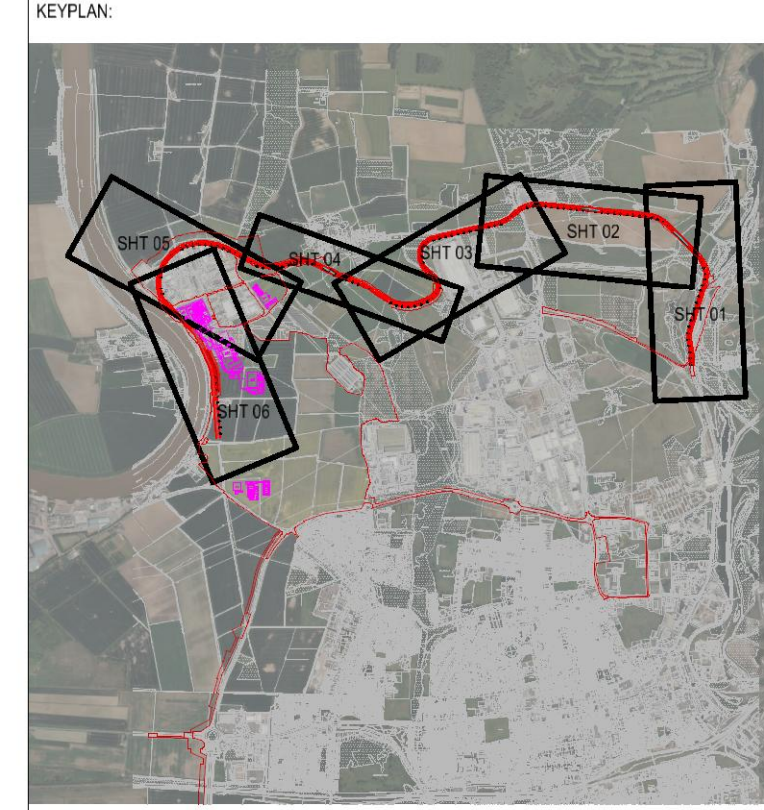
Drawing Number	Drawing Title	Revision
NLGEP-INT-XX-XX-DR-Y-0001	RAIL OUTLINE FEASIBILITY PLAN& LONG SECTION SHEET 1	P1
NLGEP-INT-XX-XX-DR-Y-0002	RAIL OUTLINE FEASIBILITY PLAN& LONG SECTION SHEET 2	P1
NLGEP-INT-XX-XX-DR-Y-0003	RAIL OUTLINE FEASIBILITY PLAN& LONG SECTION SHEET 3	P1
NLGEP-INT-XX-XX-DR-Y-0004	RAIL OUTLINE FEASIBILITY PLAN& LONG SECTION SHEET 4	P1
NLGEP-INT-XX-XX-DR-Y-0005	RAIL OUTLINE FEASIBILITY PLAN& LONG SECTION SHEET 5	P1
NLGEP-INT-XX-XX-DR-Y-0006	RAIL OUTLINE FEASIBILITY PLAN& LONG SECTION SHEET 6	P1





Planning Act 2008  
The Infrastructure Planning (Applications: Prescribed forms and Procedure) Regulations 2009  
Regulation: 5(2)(e)

- Notes
- This drawing is to be read in conjunction with all other relevant drawings and specifications.
  - This drawing is based on OS mapping provided by the client (C) Crown Copyright and Database Rights 2020 OS Licence 100035409.
  - Rail datum Normanby Park GF 2 miles 11 chains (3439.975m) is set at Normanby Park Ground Frame at 2m 11ch on Normanby Park Sidings Branch and increasing track chainage towards Flixborough.
  - Horizontal and vertical alignment information is based on LIDAR data and indicative only. All information is subject to detailed design.
  - All dimensions are in mm unless specified. Unspecified dimensional units are to be read as:  
Linear measurements and clearances: millimetres (mm)  
Elevation: metres (m)



PLAN & LONG SECTION KEY  
 Red Line Boundary  
 Proposed Rail Centreline

P1	Planning - DCO Submission	05-22	AT	DP	NG
P0	Planning - DCO Submission	09-21	AT	DP	NG
Rev	Description	Date	Iss'd	Rev'd	App'd

# DCO SUBMISSION

## INFORMATION

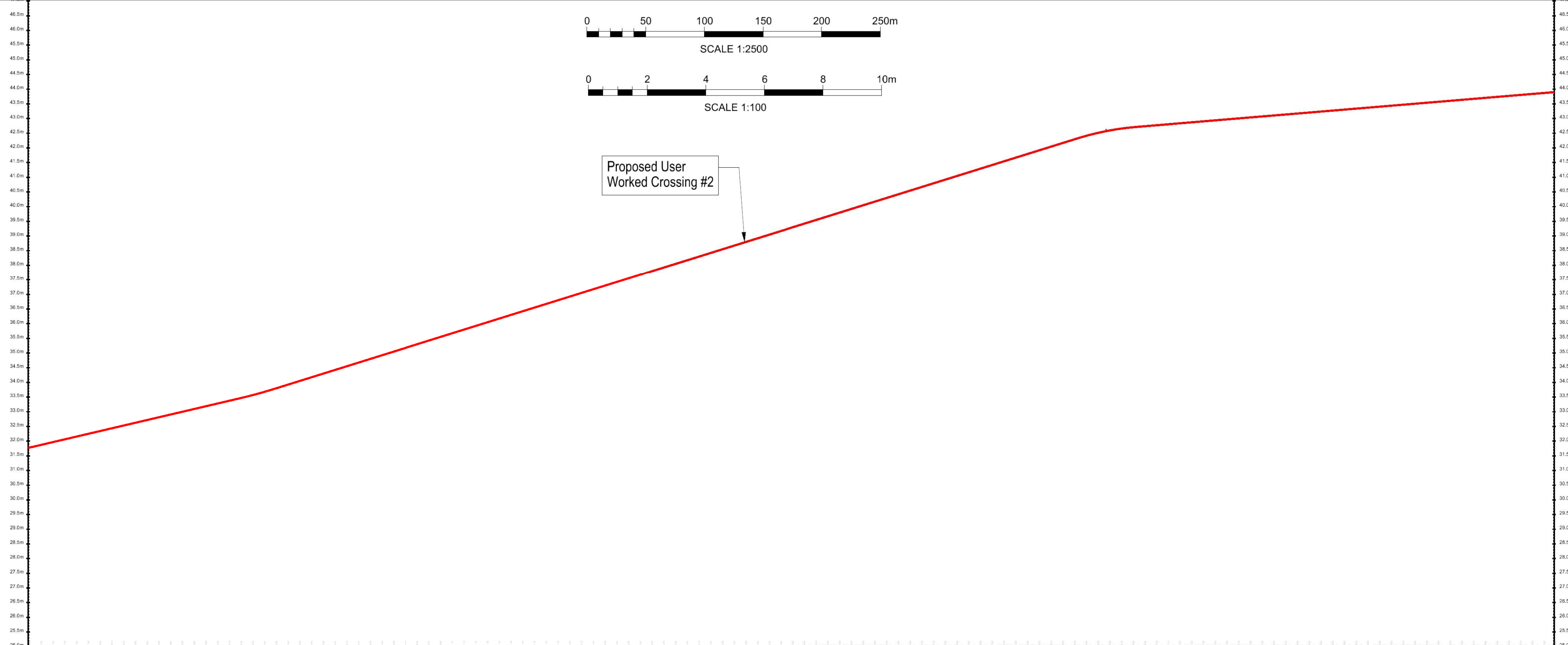
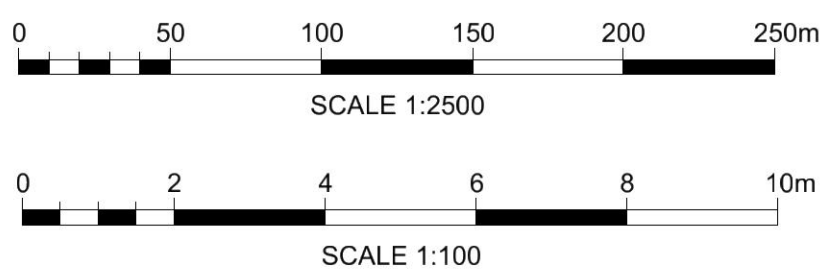
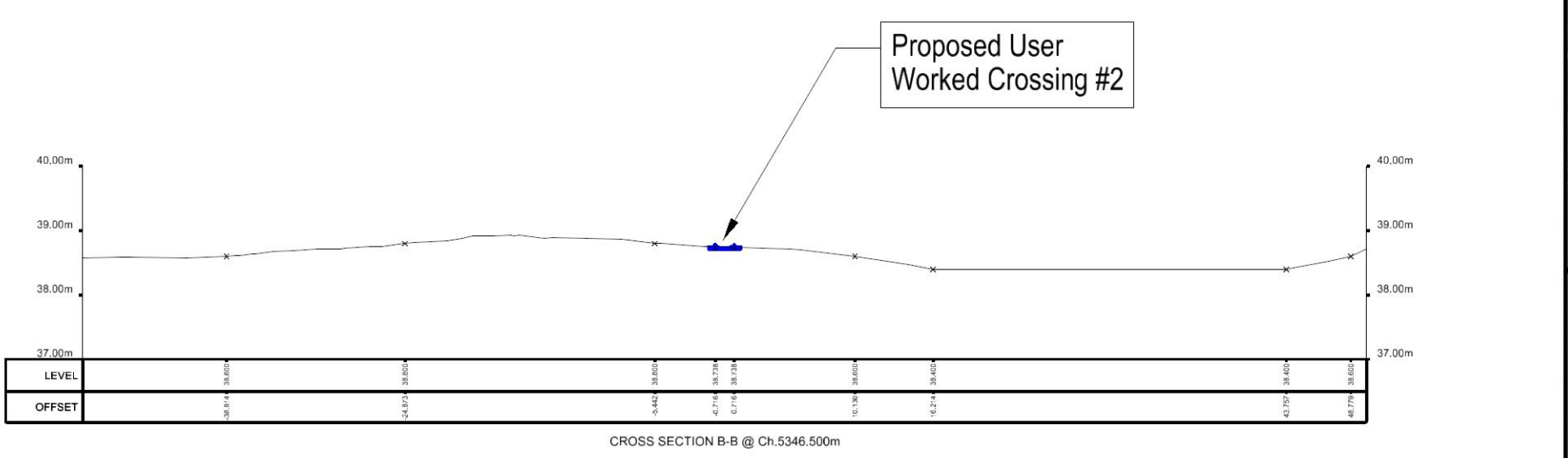
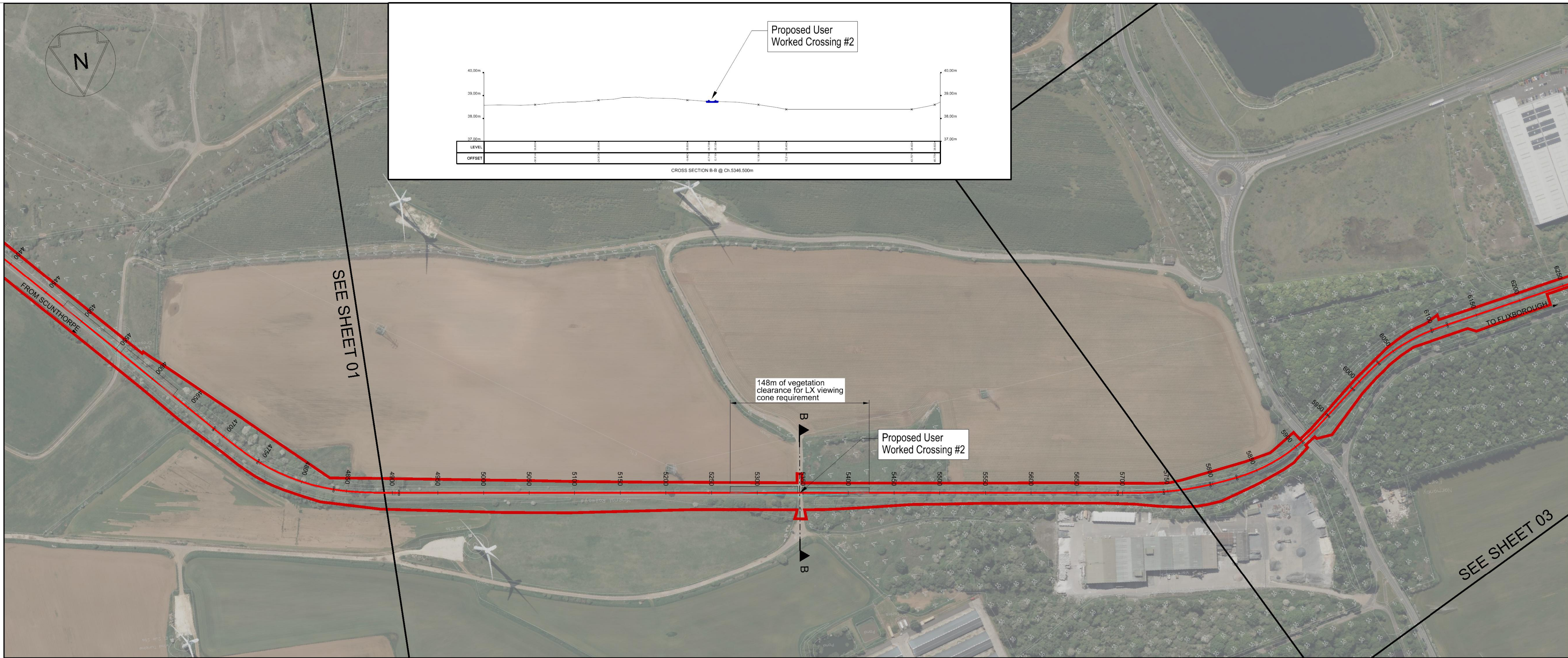
Client

LD A DESIGN GSDA FICHTNER ERM

BURO HAPPOLD northern planners bowland ecology

Client	NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD				
Consultant	INTERMODALITY				
Project	NORTH LINCOLNSHIRE GREEN ENERGY PARK				
Dwg Title	RAIL OUTLINE FEASIBILITY PLAN & LONG SECTION SHEET 1				
Planning Inspectorate No.	EN010116	Scale	A1		
			1:2500 (H) 1:100 (V)		
Drawn/Designed By	AT	Checked By	DP	Approved By	NG
Drawing No.	NLGEP-INT-XX-XX-DR-Y-0001				Revision
					P1

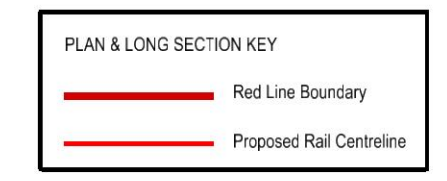
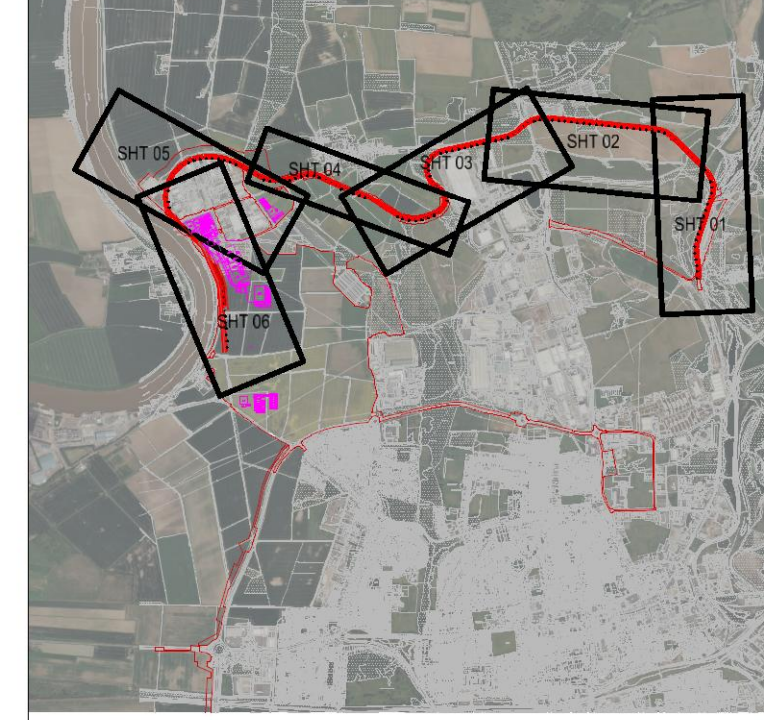




FLIXBOROUGH BRANCH	CHAINAGE	4750	4800	4850	4900	4950	5000	5050	5100	5150	5200	5250	5300	5350	5400	5450	5500	5550	5600	5650	5700	5750	5800	5850	5900	5950	6000	6040		
	VERTICAL ALIGNMENT	L=530m G=0.938% 1:107																L=30m R=967m		L=683m G=1.248% 1:80						L=50m R=5462m		L=672m G=0.333% 1:300		
	HORIZONTAL ALIGNMENT	TL=61m R=227m L=86m		TL=72m		STR=787m												TL=51m R=335m L=52m		R=525m L=30m		R=190m L=82m		TL=40m STR=40m		TL=40m R=196m L=63m				

- Planning Act 2008  
The Infrastructure Planning (Applications: Prescribed forms and Procedure) Regulations 2009  
Regulation: 5(2)(e)
- Notes
- This drawing is to be read in conjunction with all other relevant drawings and specifications.
  - This drawing is based on OS mapping provided by the client (C) Crown Copyright and Database Rights 2020 OS Licence 100035409.
  - Rail datum metrage 3439.975m is set at Normandy Park Ground Frame at 2m 11ch on Normandy Park Sidings Branch and increasing track chainage towards Flixborough.
  - Horizontal and vertical alignment information is based on LIDAR data and indicative only. All information is subject to detailed design.
  - All dimensions are in mm unless specified. Unspecified dimensional units are to be read as:  
Linear measurements and clearances: millimetres (mm)  
Elevation: metres (m)

KEYPLAN:



P1	Planning - DCO Submission	05-22	AT	DP	NG
P0	Planning - DCO Submission	09-21	AT	DP	NG
Rev	Description	Date	Iss'd	Rev'd	App'd

## DCO SUBMISSION

Project Stage

## INFORMATION

Status of Drawing

Client

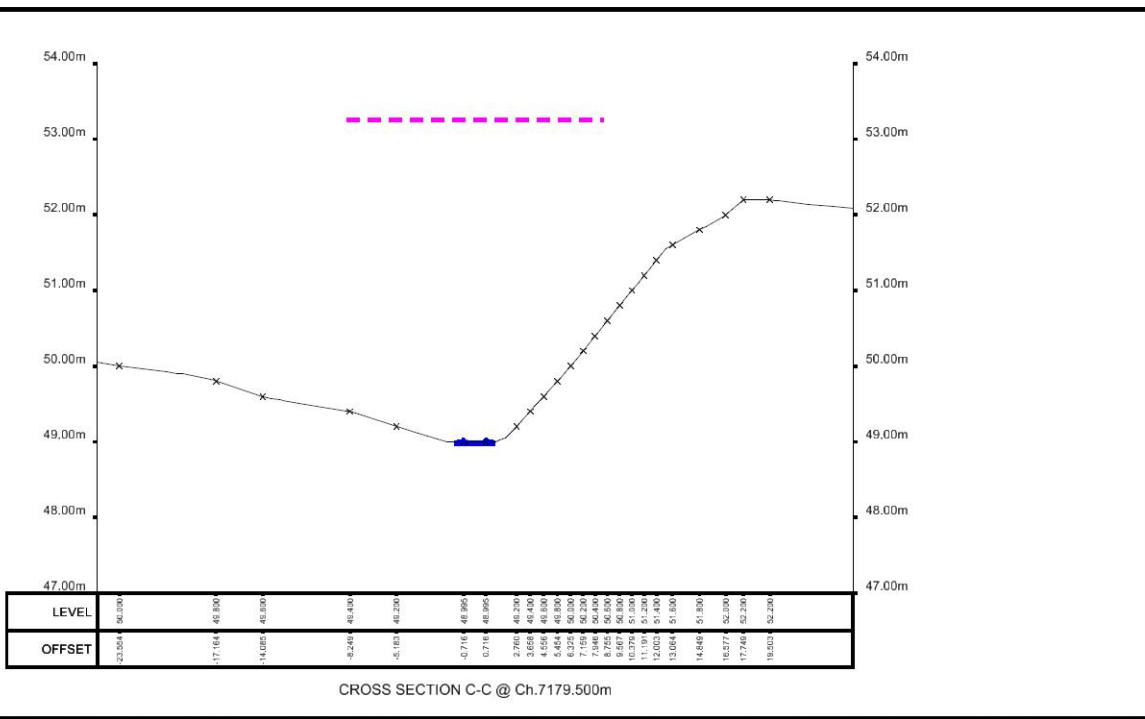
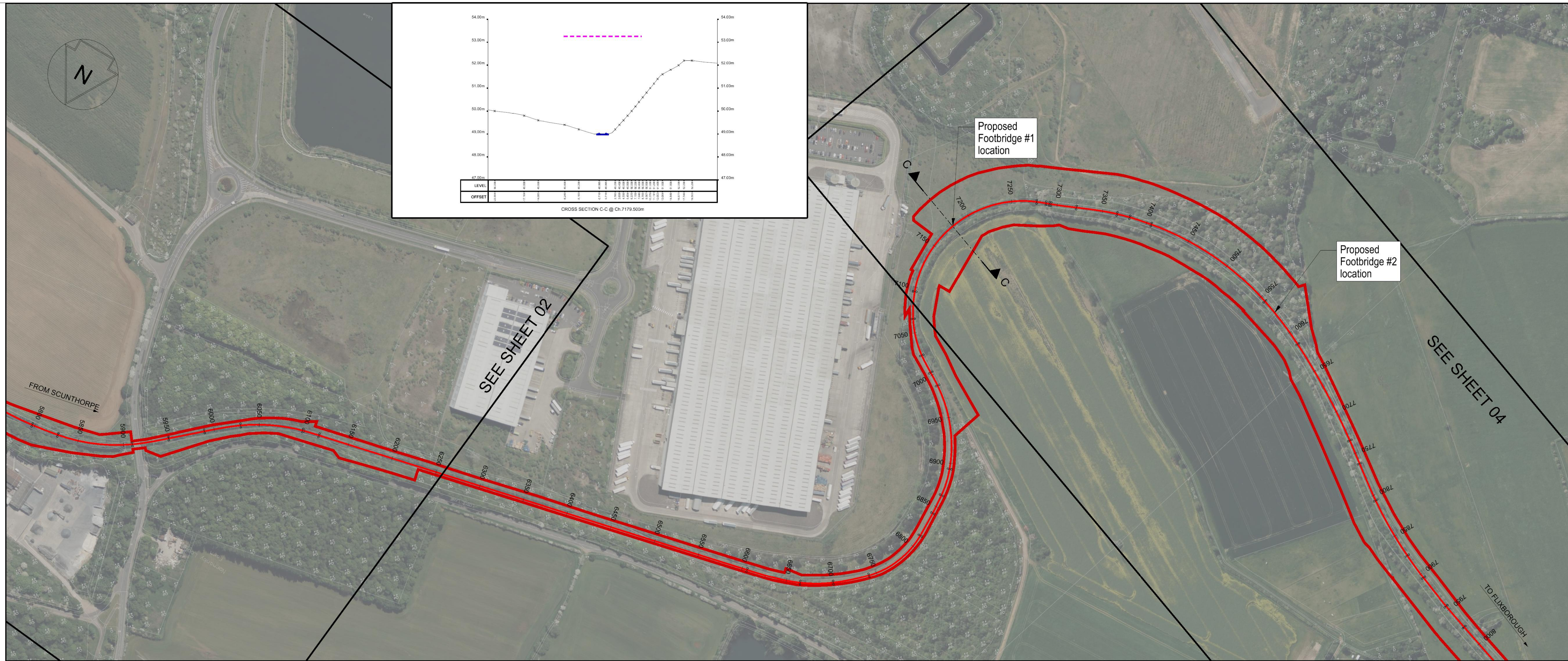
LD A DESIGN GSDA FICHTNER ERM

BURO HAPPOLD northern planners bowland ecology

Client: NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD  
 Consultant: INTERMODALITY  
 Project: NORTH LINCOLNSHIRE GREEN ENERGY PARK  
 Dwg Title: RAIL OUTLINE FEASIBILITY PLAN & LONG SECTION SHEET 2

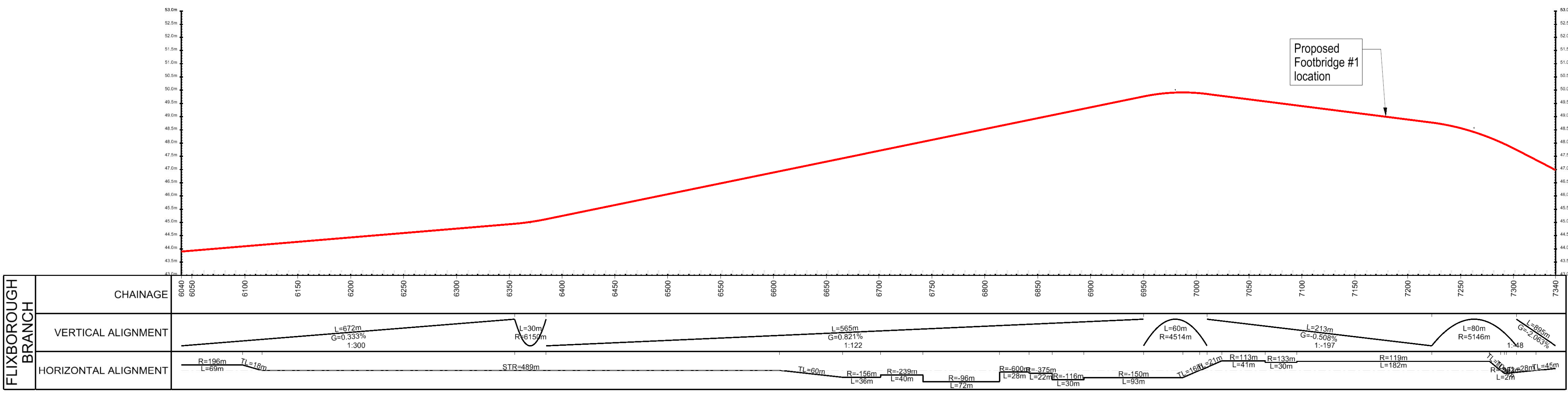
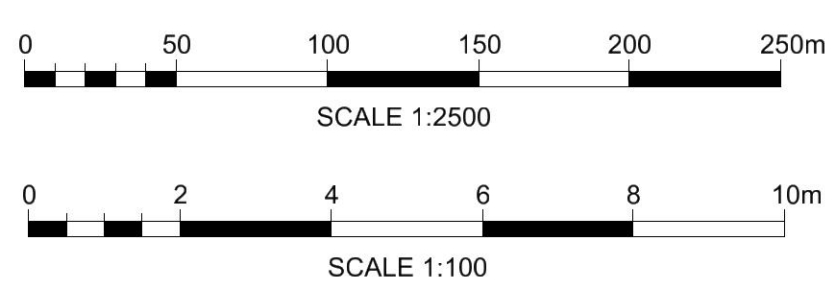
Planning Inspectorate No.	Scale@A1	
<b>EN010116</b>	1:2500 (H) 1:100 (V)	
Drawn/Designed By:	Checked By:	Approved By:
AT	DP	NG
Drawing No.	Revision	
NLGEP-INT-XX-XX-DR-Y-0002	P1	





SEE SHEET 02

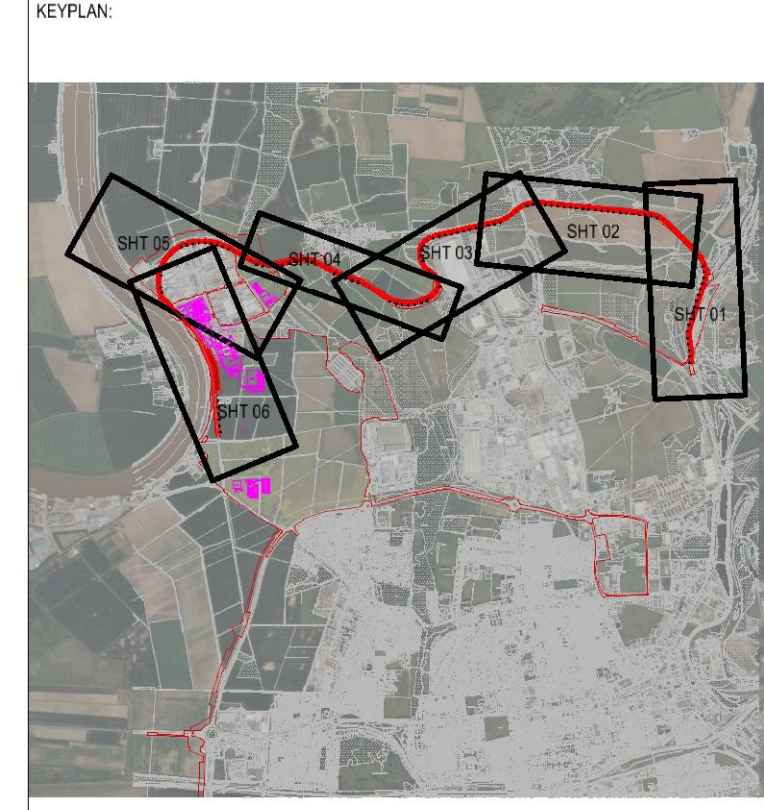
SEE SHEET 04



Planning Act 2008  
The Infrastructure Planning (Applications: Prescribed forms and Procedure) Regulations 2009  
Regulation: 5(2)(e)

Notes

- This drawing is to be read in conjunction with all other relevant drawings and specifications.
- This drawing is based on OS mapping provided by the client (C) Crown Copyright and Database Rights 2020 OS Licence 100035409.
- Rail datum metrage 3439.975m is set at Normandy Park Ground Frame at 2m 11ch on Normandy Park Sidings Branch and increasing track chainage towards Flixborough.
- Horizontal and vertical alignment information is based on LIDAR data and indicative only. All information is subject to detailed design.
- All dimensions are in mm unless specified. Unspecified dimensional units are to be read as:  
Linear measurements and clearances: millimetres (mm)  
Elevation: metres (m)



PLAN & LONG SECTION KEY

- Red Line Boundary
- Proposed Rail Centreline

P1	Planning - DCO Submission	05-22	AT	DP	NG
P0	Planning - DCO Submission	09-21	AT	DP	NG
Rev	Description	Date	Iss'd	Rev'd	App'd

## DCO SUBMISSION

## INFORMATION

Client

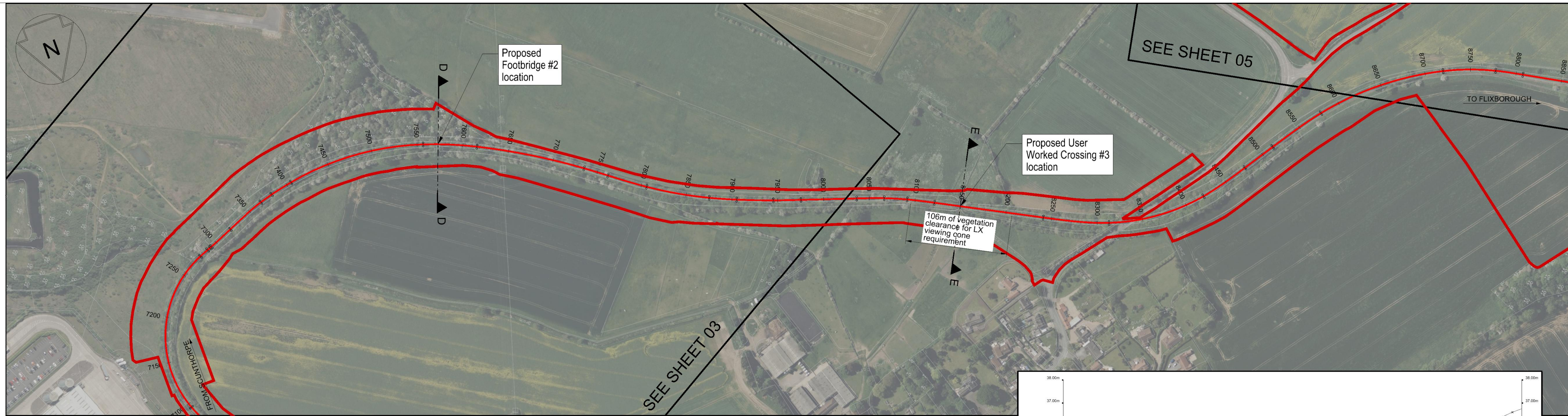
Level 33, Euston Tower, 296 Euston Rd., London, NW1 3DP

LD A DESIGN GSDA FICHTNER ERM

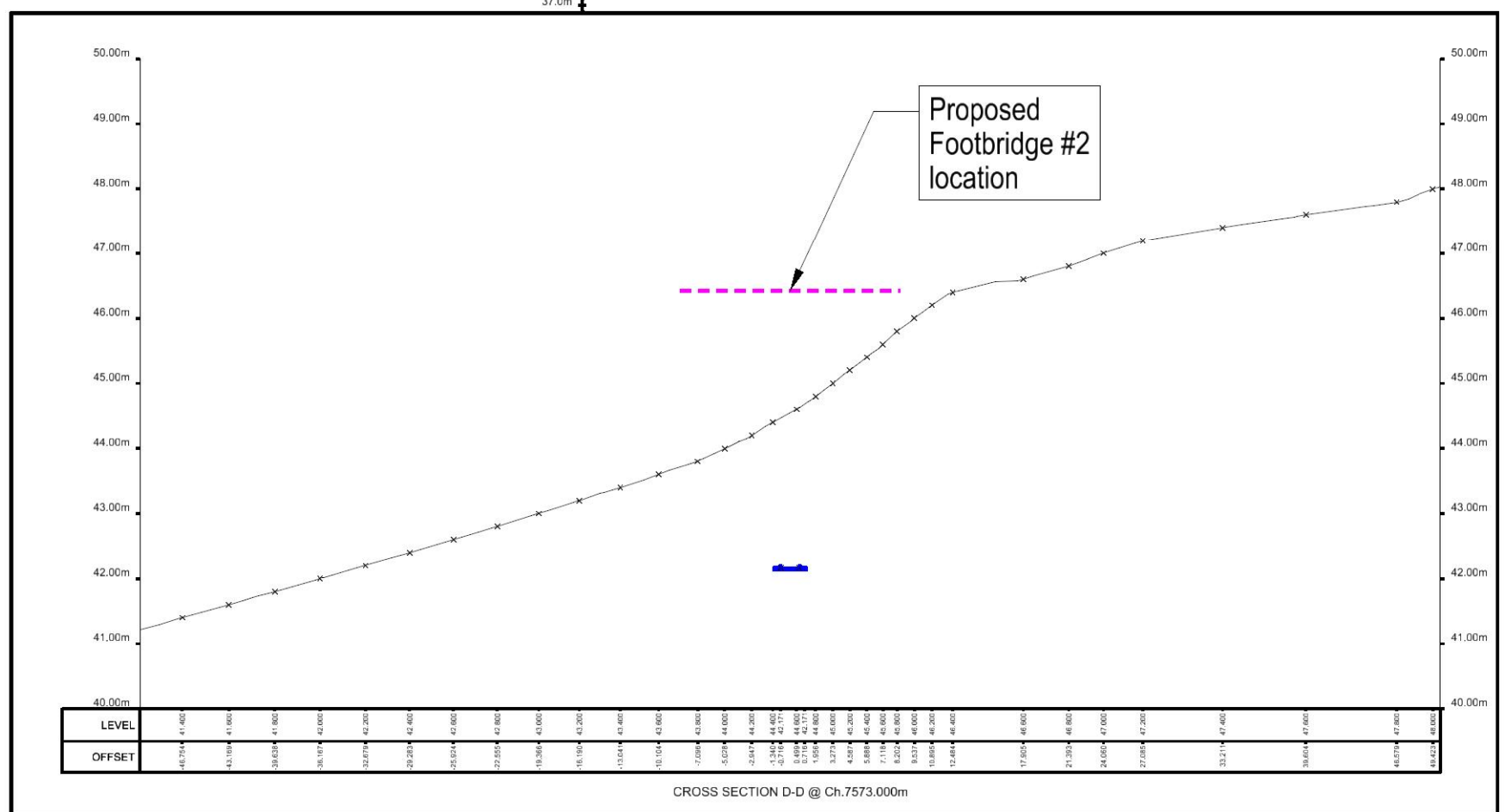
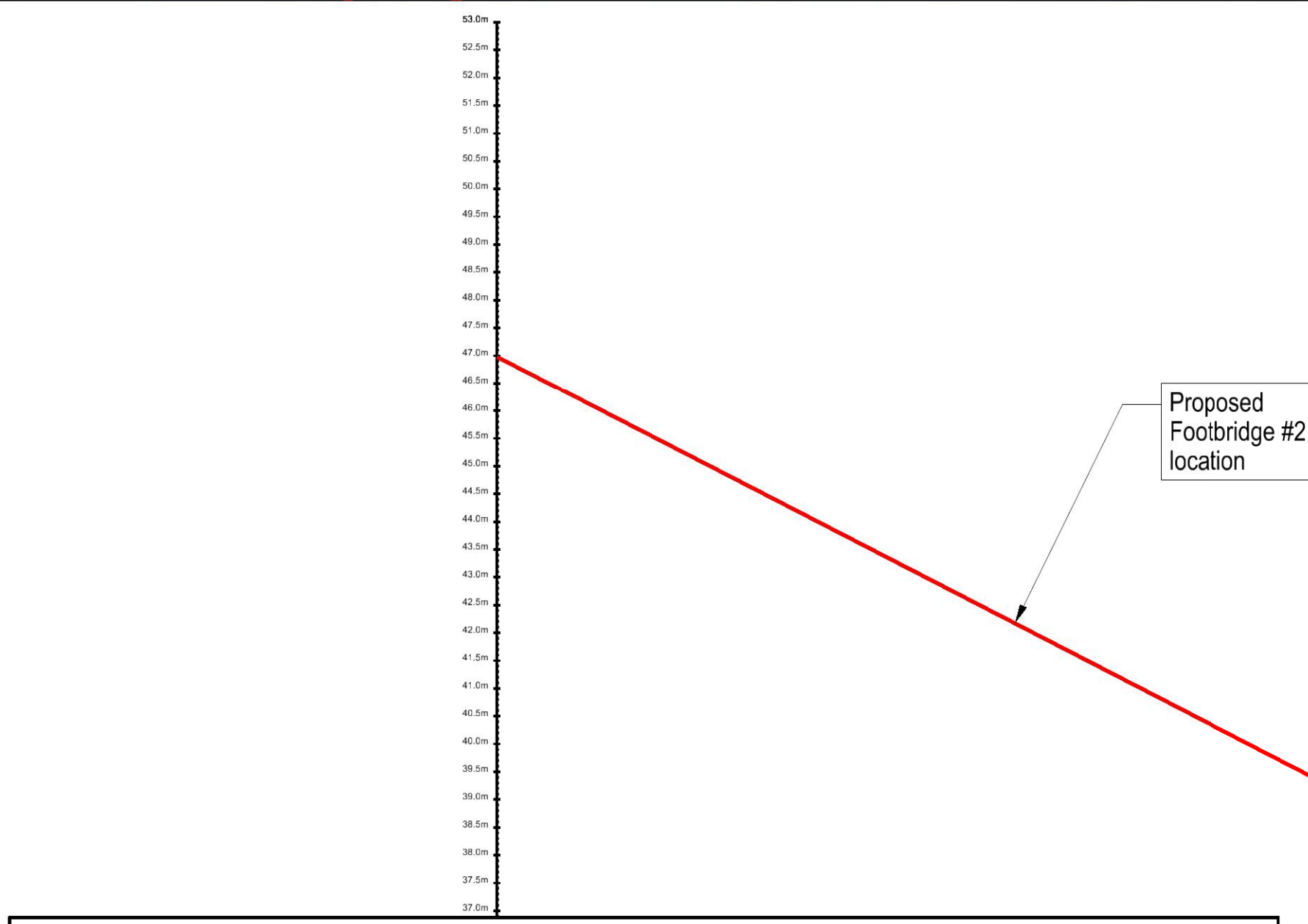
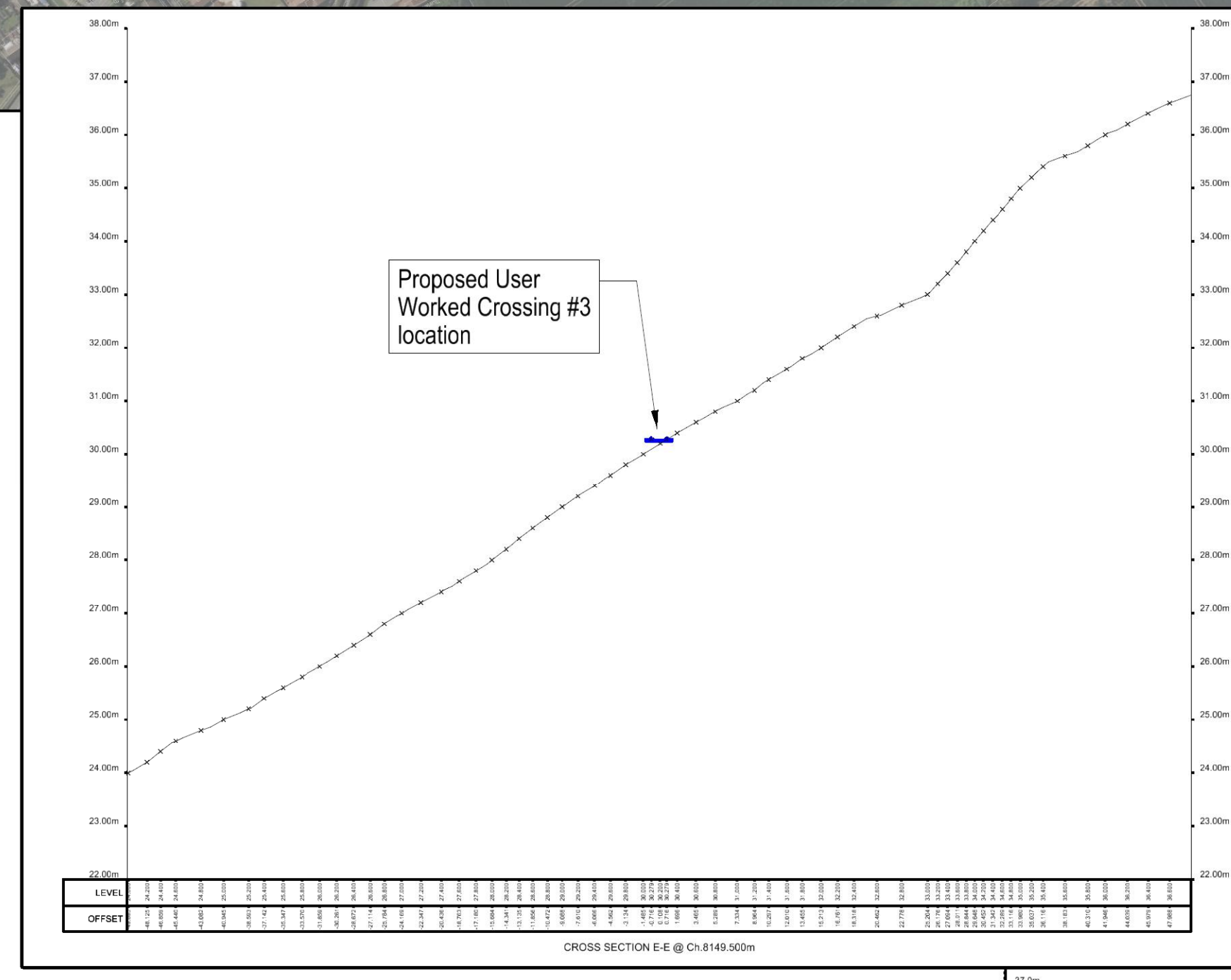
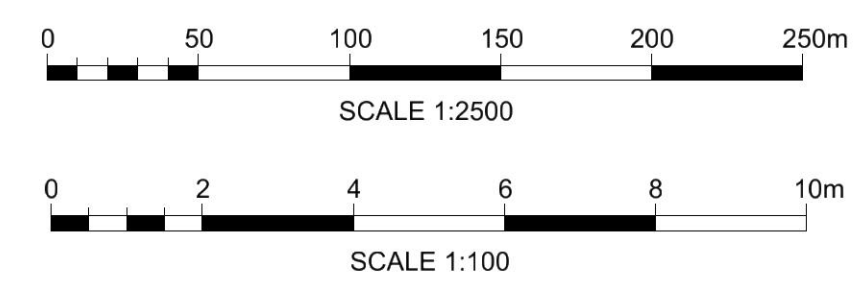
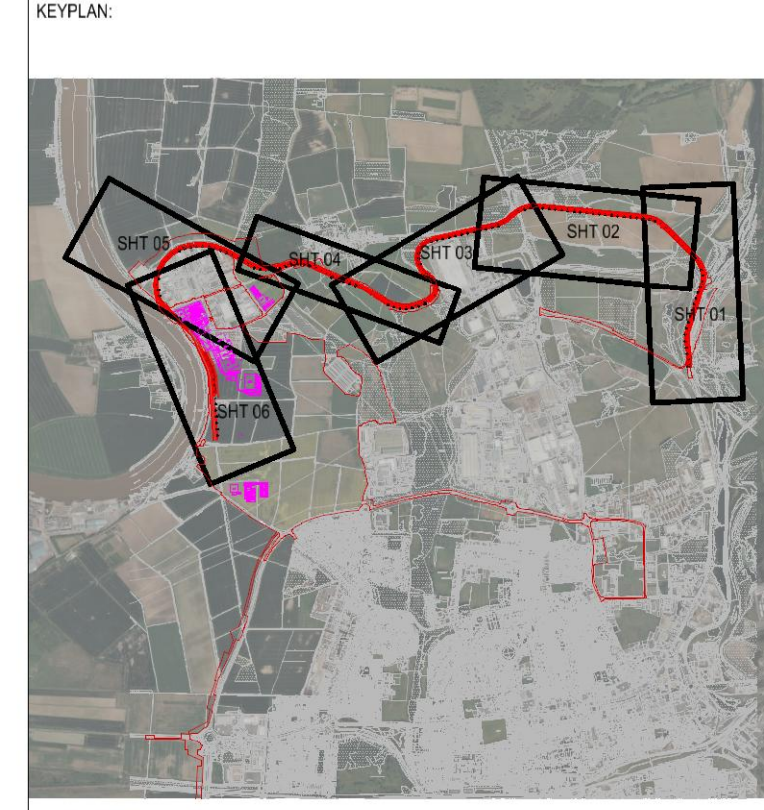
BURO HAPPOLD northern planners bowland ecology

Client	NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD				
Consultant	INTERMODALITY				
Project	NORTH LINCOLNSHIRE GREEN ENERGY PARK				
Dwg Title	RAIL OUTLINE FEASIBILITY PLAN & LONG SECTION SHEET 3				
Planning Inspectorate No.	EN010116	Scale	A1		
Drawn/Designed By.	AT	Checked By.	DP	Approved By.	NG
Drawing No.	NLGEP-INT-XX-XX-DR-Y-0003				Revision
					P1

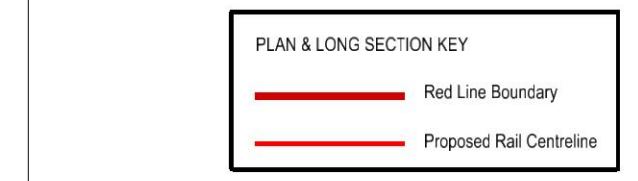




- Notes
- This drawing is to be read in conjunction with all other relevant drawings and specifications.
  - This drawing is based on OS mapping provided by the client (C) Crown Copyright and Database Rights 2020 OS Licence 100035409.
  - Rail datum metrage 3439 975m is set at Normandy Park Ground Frame at 2m 11ch on Normandy Park Sidings Branch and increasing track chainage towards Flixborough.
  - Horizontal and vertical alignment information is based on LIDAR data and indicative only. All information is subject to detailed design.
  - All dimensions are in mm unless specified. Unspecified dimensional units are to be read as:  
Linear measurements and clearances: millimetres (mm)  
Elevation: metres (m)



FLIXBOROUGH BRANCH	CHAINAGE	7340	7350	7400	7450	7500	7550	7600	7650	7700	7750	7800	7850	7900	7950	8000	8050	8100	8150	8200	8250	8300	8350	8400	8450	8500	8550	8600	8640		
	VERTICAL ALIGNMENT	$L=895m$ $G=-2.063\%$ $1:48$																													
HORIZONTAL ALIGNMENT	$TL=45R=219m$ $L=14m$ $L=25m$																														



P1 Planning - DCO Submission	05-22	AT	DP	NG	
P0 Planning - DCO Submission	09-21	AT	DP	NG	
Rev	Description	Date	Iss'd	Rev'd	App'd

## DCO SUBMISSION

## INFORMATION

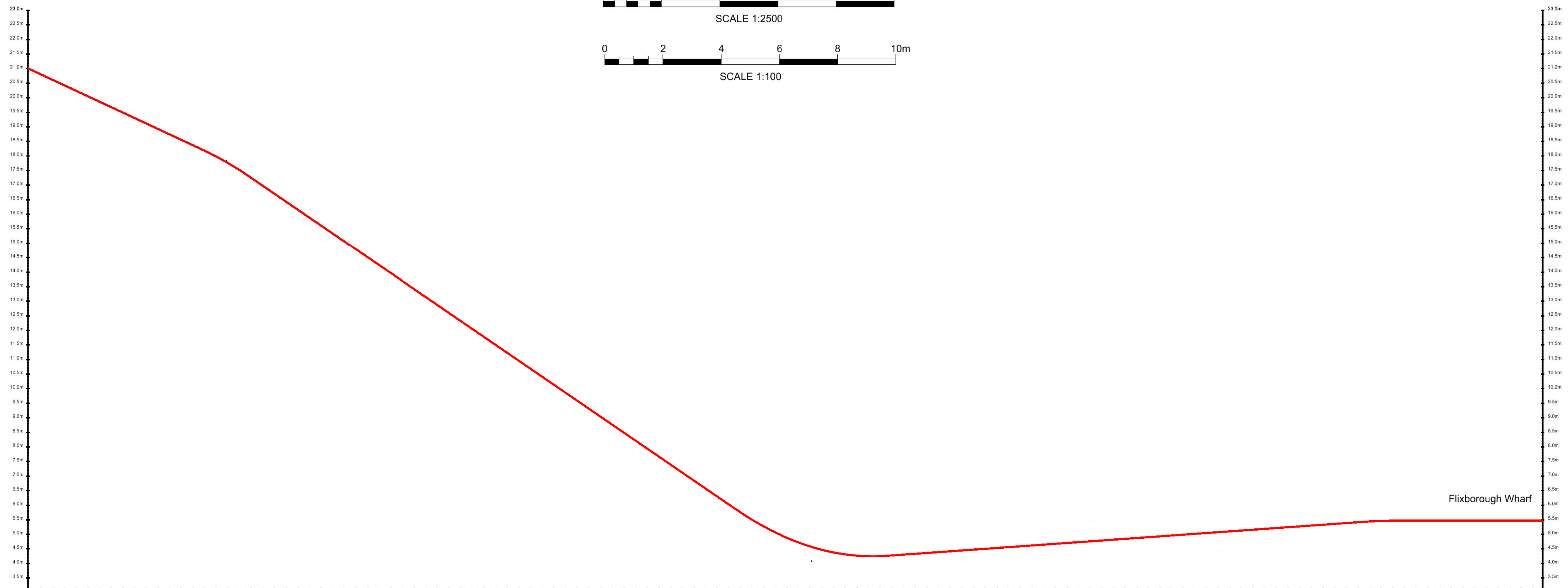
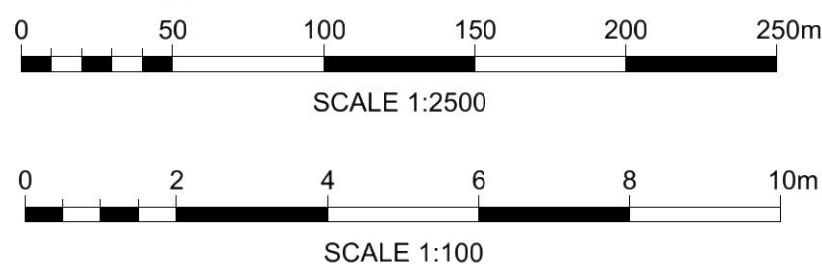
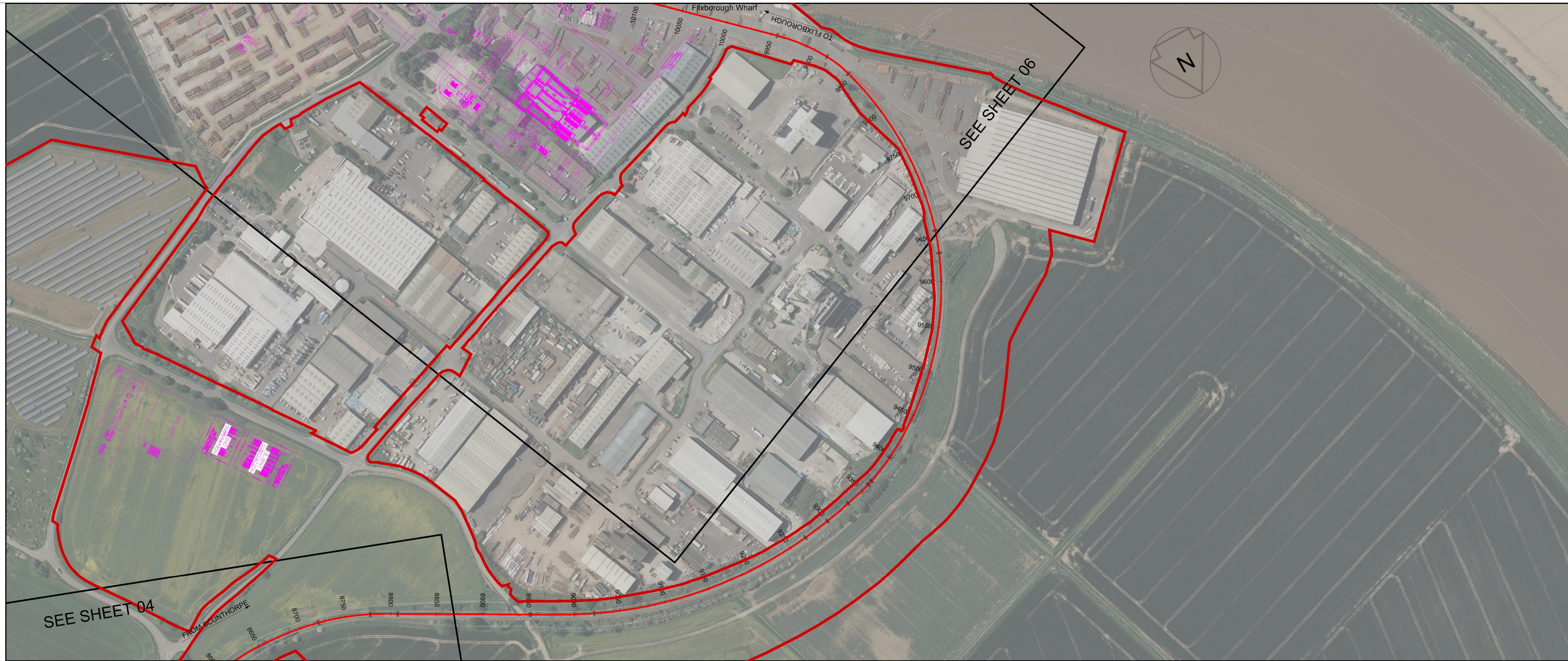
Client

LD A DESIGN GSDA FICHTNER ERM

BURO HAPPOLD northern planners bowland ecology

Client	NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD			
Consultant	INTERMODALITY			
Project	NORTH LINCOLNSHIRE GREEN ENERGY PARK			
Dwg Title	RAIL OUTLINE FEASIBILITY PLAN & LONG SECTION SHEET 4			
Planning Inspectorate No.	EN010116	Scale@A1	1:2500 (H) 1:100 (V)	
Drawn/Designed By	AT	Checked By	DP	Approved By
Drawn/Designed By	AT	Checked By	DP	Approved By
Drawing No.	NLGEP-INT-XX-DR-Y-0004			Revision
				P1



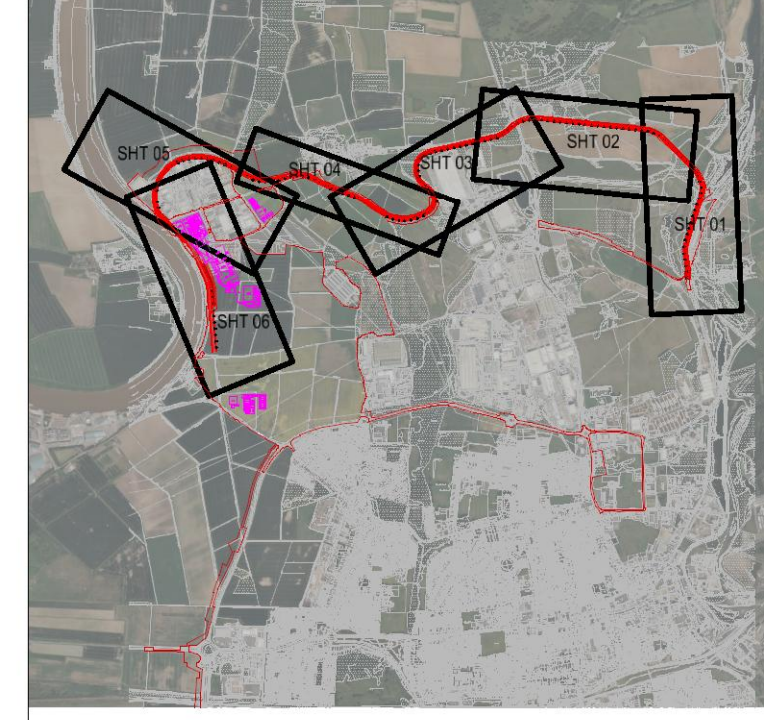


FLIXBOROUGH BRANCH	CHAINAGE	VERTICAL ALIGNMENT										
		8650	8700	8750	8800	8850	8900	8950	9000	9050	9100	9150
		$L=567m$ $G=-1.866\%$ $1-54$										
		$L=417m$ $G=-2.738\%$ $1-37$										
		$L=130m$ $R=4300m$										
		$L=408m$ $G=0.285\%$ $1.351$										
		$L=30m$ $G=0.000\%$ $1.0$										
		$L=308m$ $G=0.000\%$ $1.0$										
		$R=330m$ $L=142m$										
		$R=260m$ $L=57m$										
		$TL=30m$										
		$STR=145m$										
		$TL=70m$										
		$R=450m$ $L=248m$										
		$TL=30m$ $R=719m$ $TL=30m$ $L=50m$										
		$L=5m$										
		$R=330m$ $L=234m$										
		$L=235m$										
		$R=245m$ $L=199m$										
		$R=344m$ $L=199m$										
		$R=132m$ $L=30m$										
		$R=201m$ $L=99m$										

Planning Act 2008  
The Infrastructure Planning (Applications: Prescribed forms and Procedure) Regulations 2009  
Regulation: 5(2)(e)

- NOTES:
- This drawing is to be read in conjunction with all other relevant drawings and specifications.
  - This drawing is based on OS mapping provided by the client (C) Crown Copyright and Database Rights 2020 OS Licence 100035409.
  - Rail datum metrage 3439 975m is set at Normanby Park Ground Frame at 2m 11ch on Normanby Park Sidings Branch and increasing track chainage towards Flixborough.
  - Horizontal and vertical alignment information is based on LIDAR data and indicative only. All information is subject to detailed design.
  - All dimensions are in mm unless specified. Unspecified dimensional units are to be read as:  
Linear measurements and clearances: millimetres (mm)  
Elevation: metres (m)

KEYPLAN:



PLAN & LONG SECTION KEY

	Red Line Boundary
	Proposed Rail Centreline

P1 Planning - DCO Submission	05-22	AT	DP	NG	
P0 Planning - DCO Submission	09-21	AT	DP	NG	
Rev	Description	Date	Iss'd	Rev'd	App'd

## DCO SUBMISSION

Project Stage

## INFORMATION

Status of Drawing

Client

NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD  
Level 33, Euston Tower, 286 Euston Road, London, NW1 3DP

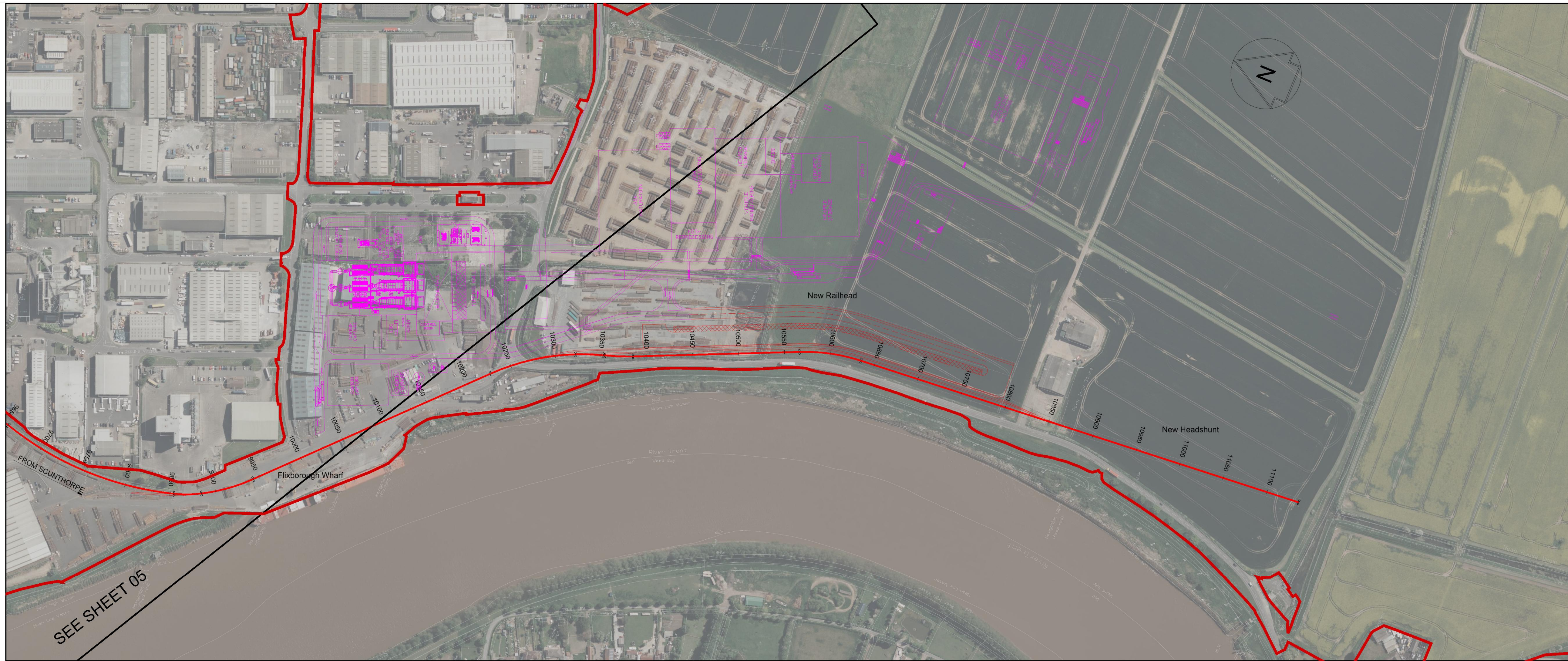
LD A DESIGN GSDA FICHTNER ERM

BURO HAPPOLD northern planners bowland ecology

Client	NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD			
Consultant	INTERMODALITY			
Project	NORTH LINCOLNSHIRE GREEN ENERGY PARK			
Dwg Title	RAIL OUTLINE FEASIBILITY PLAN & LONG SECTION SHEET 5			

Planning Inspectorate No.	EN010116	Scale@A1	1:2500 (H) 1:100 (V)
Drawn/Designed By:	AT	Checked By:	DP
Approved By:	NG	Revision	P1
Drawing No.	NLGEP-INT-XX-XX-DR-Y-0005		



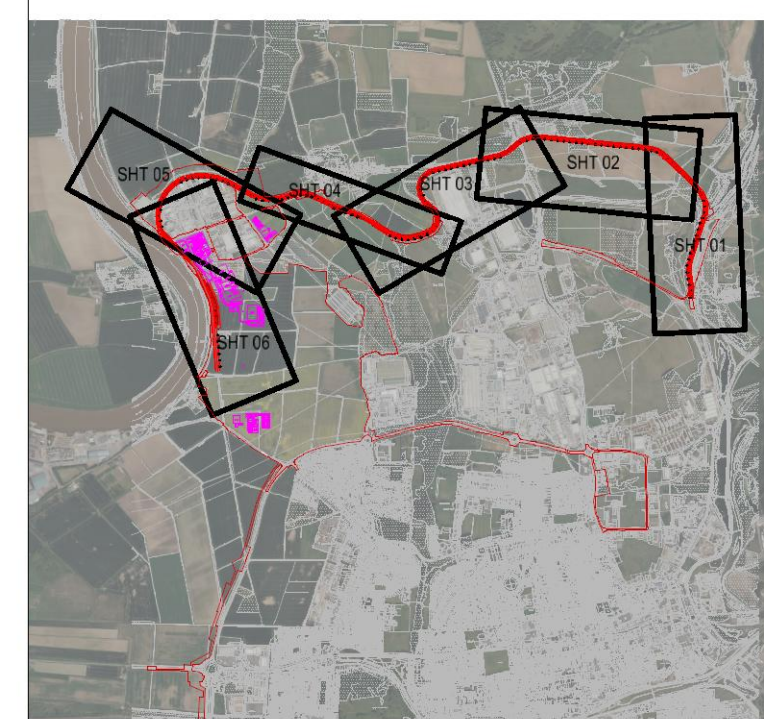


Planning Act 2008  
The Infrastructure Planning (Applications: Prescribed forms and Procedure) Regulations 2009  
Regulation: 5(2)(e)

Notes

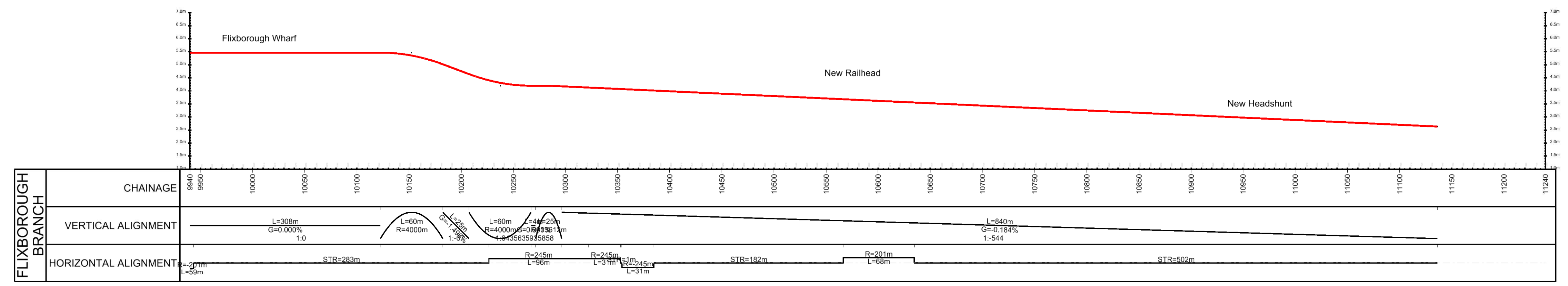
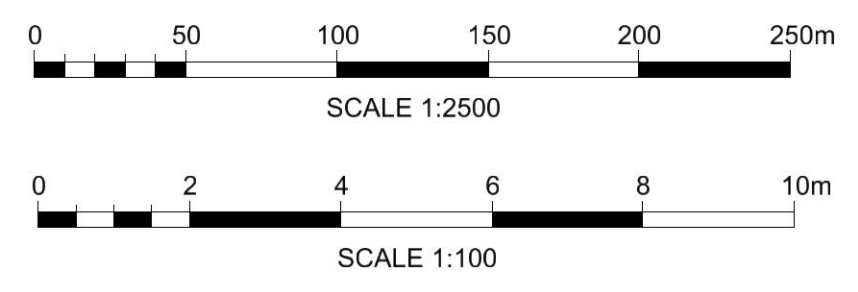
- This drawing is to be read in conjunction with all other relevant drawings and specifications.
- This drawing is based on OS mapping provided by the client (C) Crown Copyright and Database Rights 2020 OS Licence 100035409.
- Rail datum metrage 3439 975m is set at Normandy Park Ground Frame at 2m 11ch on Normandy Park Sidings Branch and increasing track chainage towards Flixborough.
- Horizontal and vertical alignment information is based on LIDAR data and indicative only. All information is subject to detailed design.
- All dimensions are in mm unless specified. Unspecified dimensional units are to be read as:  
Linear measurements and clearances: millimetres (mm)  
Elevation: metres (m)

KEYPLAN:



PLAN & LONG SECTION KEY

- Red Line Boundary
- Proposed Rail Centreline



P1	Planning - DCO Submission	05-22	AT	DP	NG
PD	Planning - DCO Submission	09-21	AT	DP	NG
Rev	Description	Date	Iss'd	Rev'd	App'd

## DCO SUBMISSION

Project Stage

## INFORMATION

Status of Drawing

Client

Level 33, Euston Tower, 286 Euston Road, London, NW1 3DP

LD A DESIGN GS DA FICHTNER ERM

BURO HAPPOLD northern planners bowland ecology

Client: NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD  
 Consultant: INTERMODALITY  
 Project: NORTH LINCOLNSHIRE GREEN ENERGY PARK  
 Dwg Title: RAIL OUTLINE FEASIBILITY PLAN & LONG SECTION SHEET 6

Planning Inspectorate No. <b>EN010116</b>	Scale/A1 1:2500 (H) 1:100 (V)	
Drawn/Designed By: AT	Checked By: DP	Approved By: NG
Drawing No. NLGEP-INT-XX-XX-DR-Y-0006	Revision P1	