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# The North Lincolnshire Green Energy Park Development Consent Order

## 4.15 Indicative Railway Drawings

**Date:** ~~May 2022~~ March 2023

**PINS reference:** EN010116

**Application Document Reference:** 4.15

**Author:** Intermodality

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# 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."*

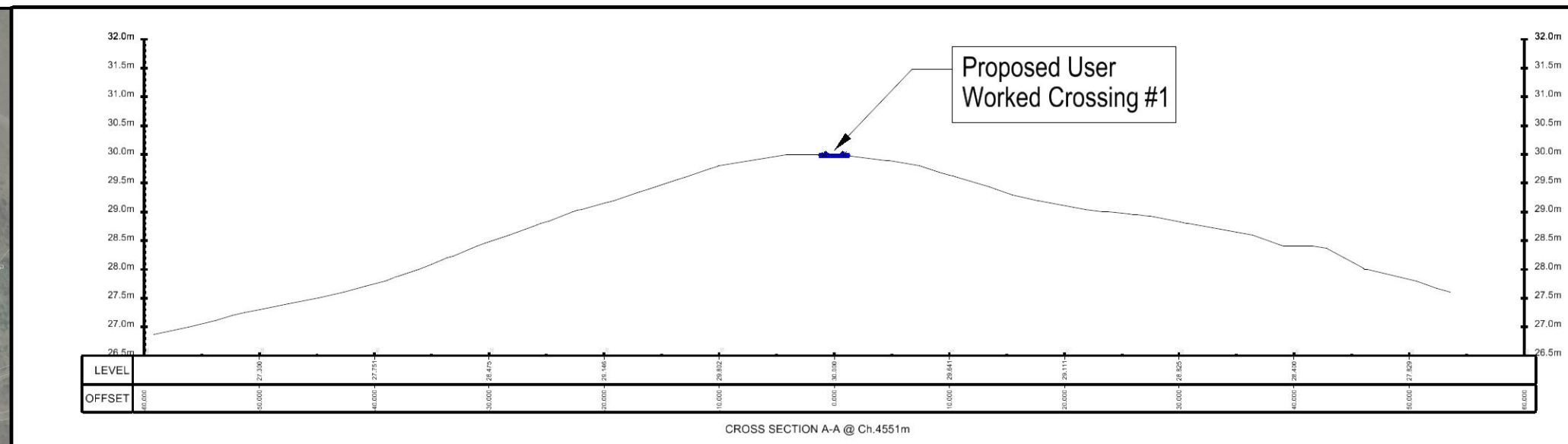
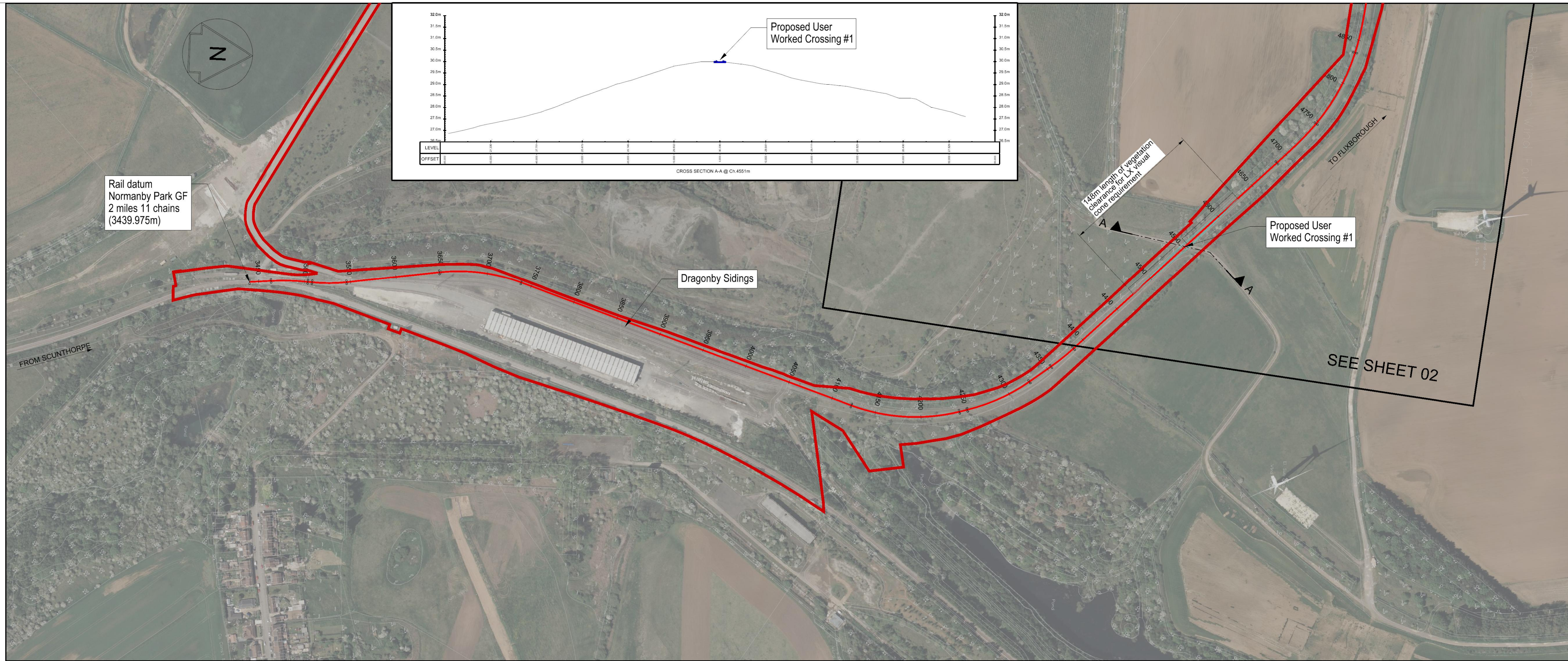
1.1.5 These Plans are part of the Application documentation and should be read alongside and are informed by the other Application documents.

1.1.6 NLGEP-INT-XX-XX-DR-Y-0003 has been updated to include AOD levels for the rail track; bridge soffit; and the bridge deck and parapet.

1.1.7 NLGEP-INT-XX-XX-DR-Y-0004 has been updated to include AOD levels for the rail track; bridge soffit; and the bridge deck and parapet. The existing ground profile from cross section D-D (for footbridge 2) has been removed as approach structure (ramps) are not required for the footbridge.

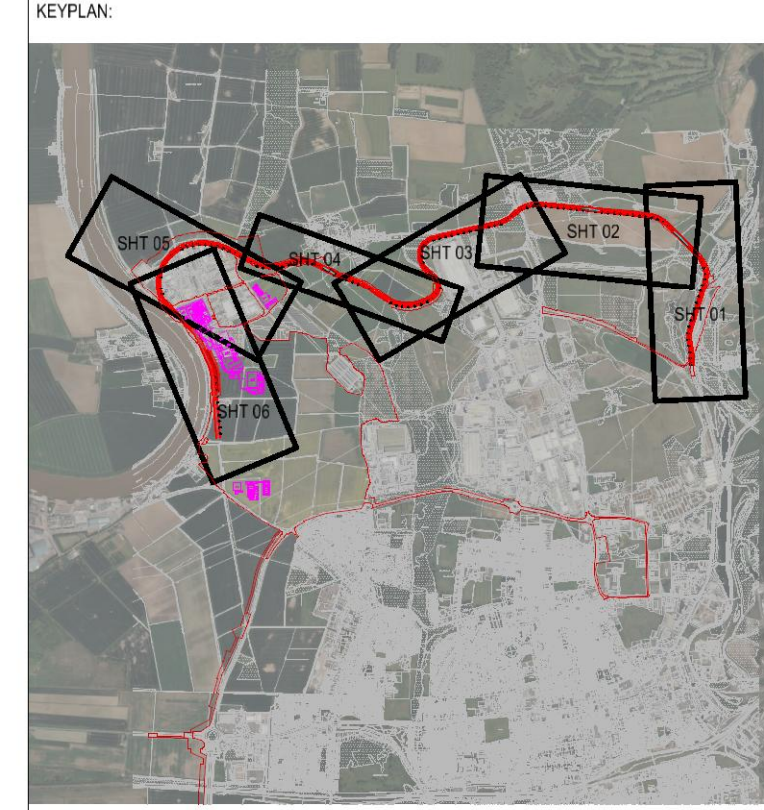
## 2. SCHEDULE OF PLANS INCLUDED IN THIS APPLICATION DOCUMENT

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	P <del>3</del> <sup>1</sup>
NLGEP-INT-XX-XX-DR-Y-0004	RAIL OUTLINE FEASIBILITY PLAN& LONG SECTION SHEET 4	P <del>3</del> <sup>1</sup>
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 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

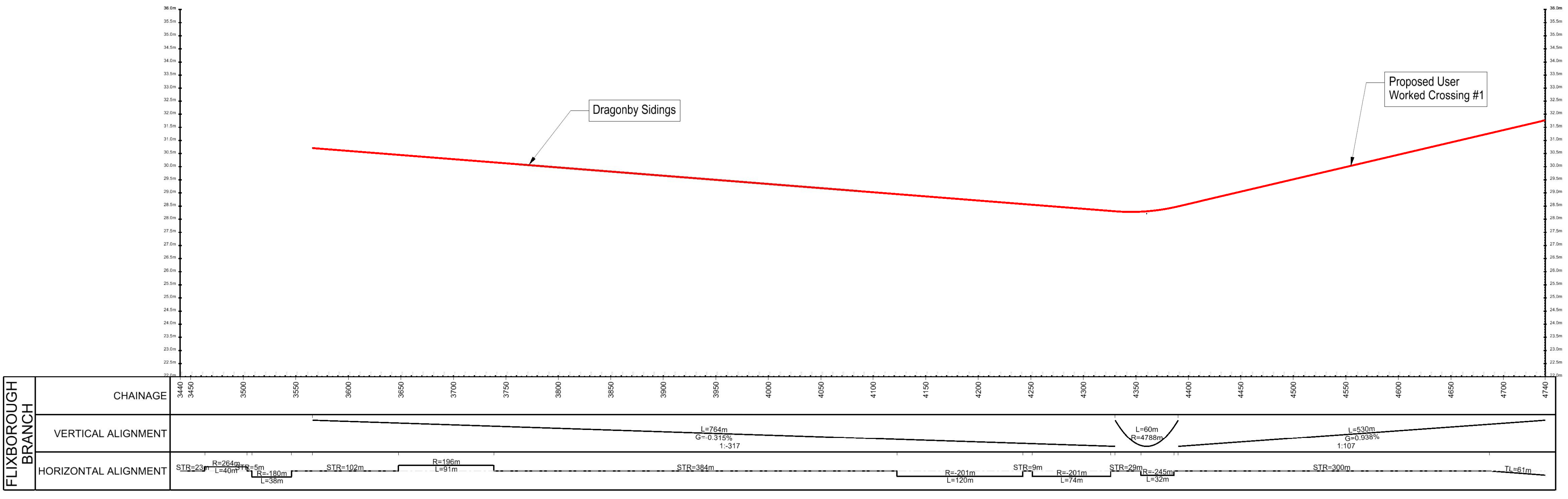
Client

Level 33, Euston Tower, 296 Euston Road, London, NW1 3DP

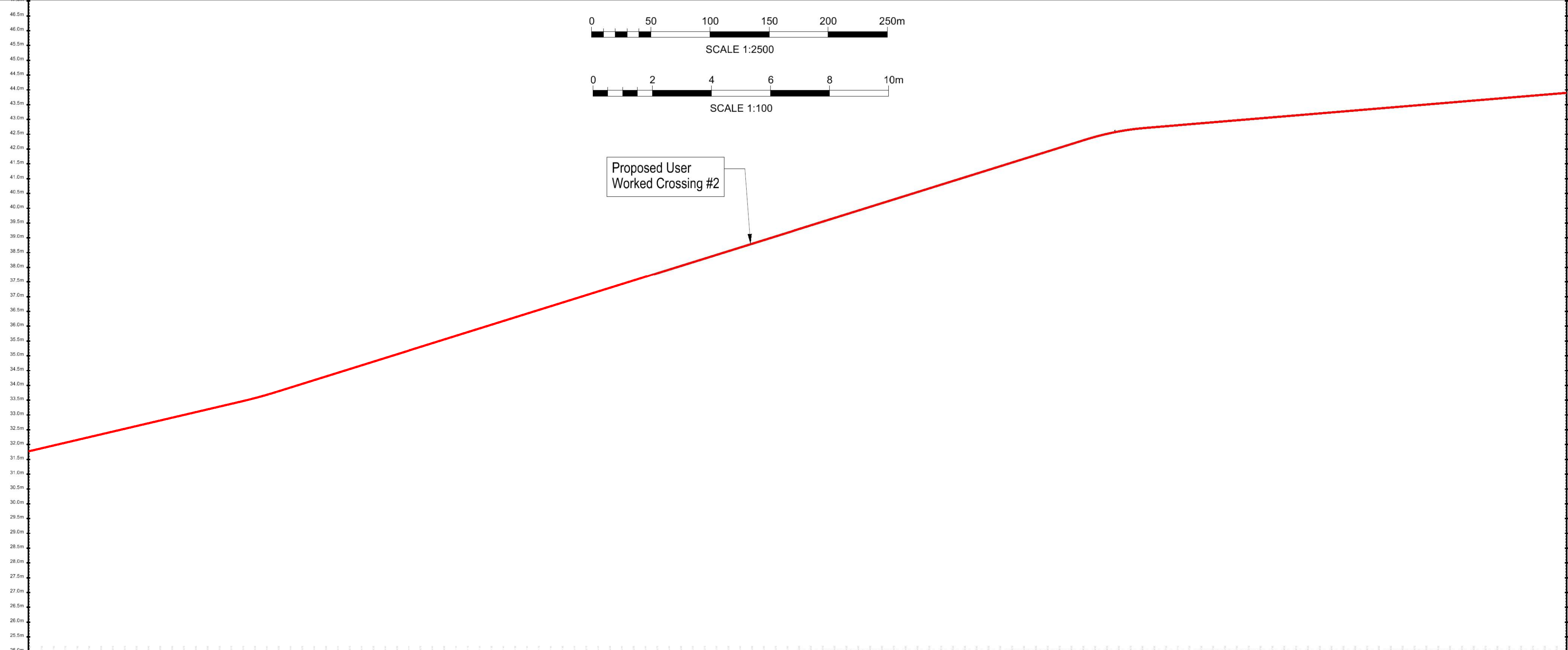
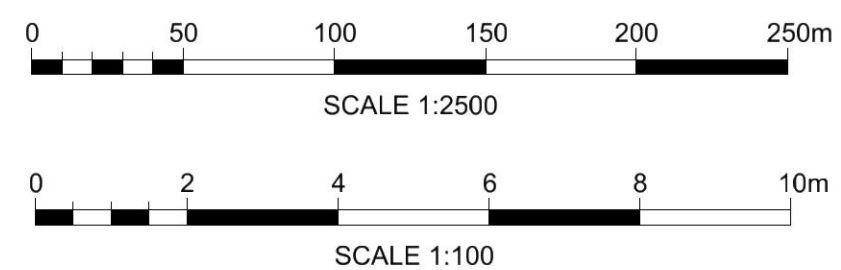
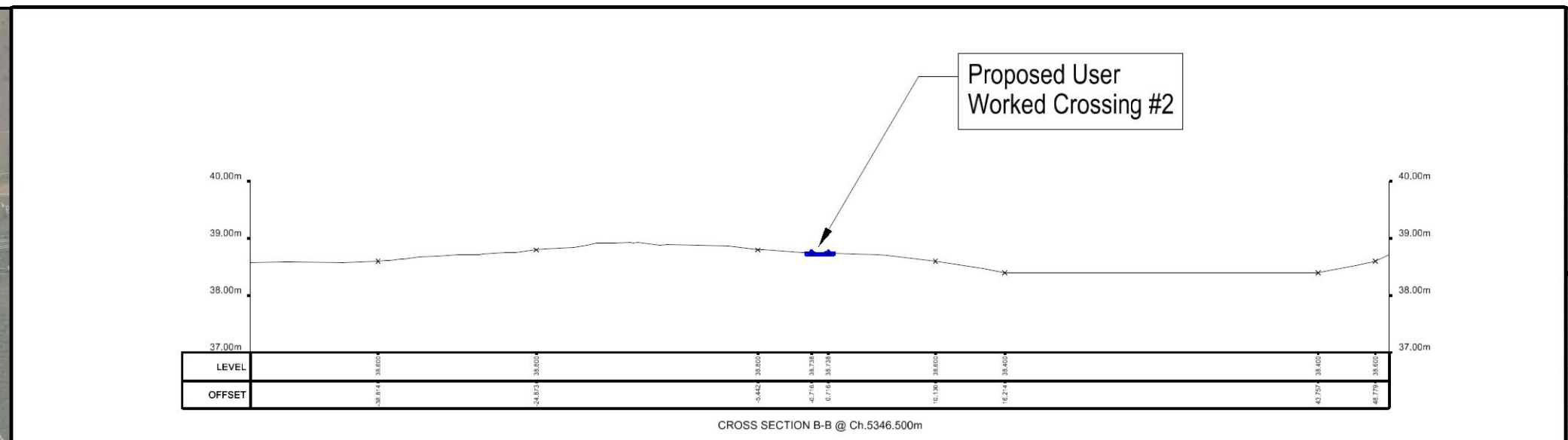
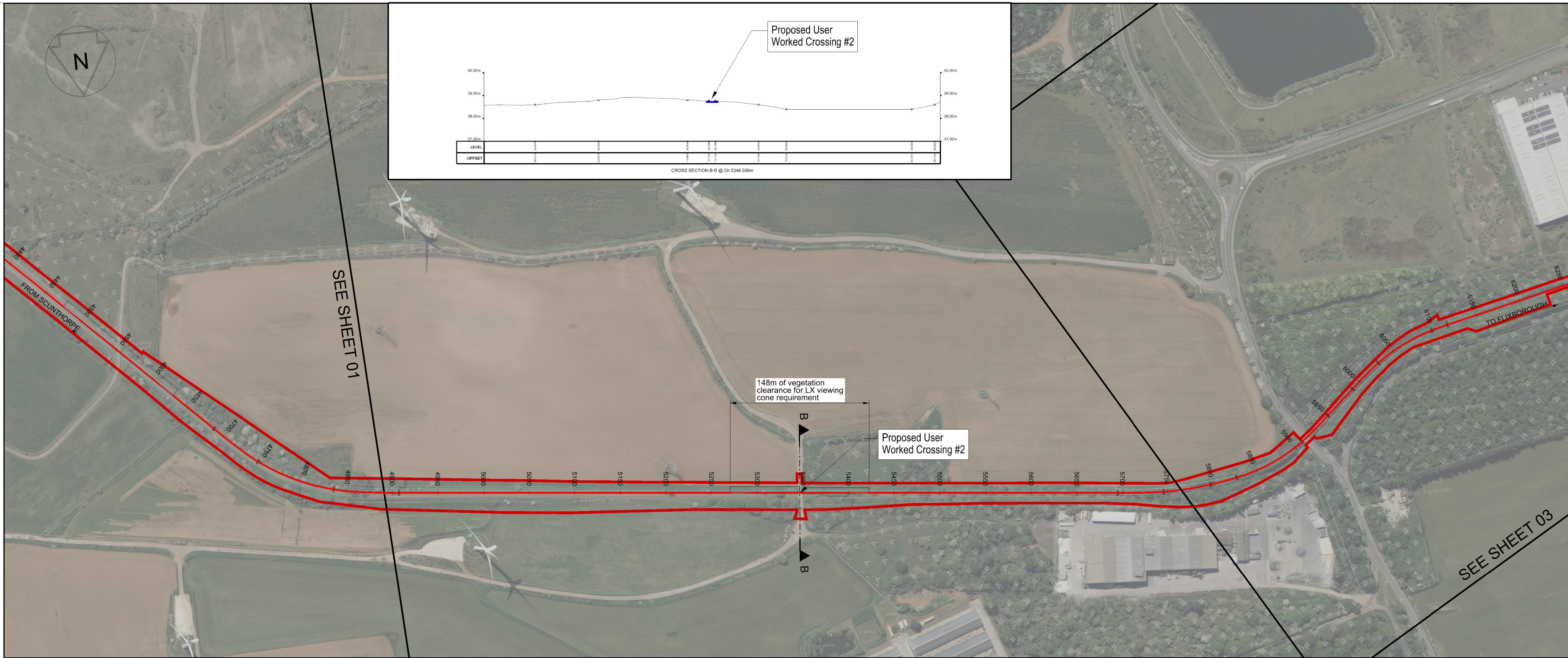
LD A DESIGN GSDA FICHTNER ERM

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 1				
Planning Inspectorate No.	EN010116				Scale@A1
					1:2500 (H) 1:100 (V)
Drawn/Designed By	Checked By	Approved By			
AT	DP	NG			
Drawing No.	NLGEP-INT-XX-XX-DR-Y-0001				Revision
					P1



FLIXBOROUGH BRANCH	CHAINAGE	3440	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950	4000	4050	4100	4150	4200	4250	4300	4350	4400	4450	4500	4550	4600	4650	4700	4740
	VERTICAL ALIGNMENT																	L=764m G=-0.315% 1:317	L=60m R=4788m	L=530m G=0.938% 1:107									
	HORIZONTAL ALIGNMENT	STR=230m R=264m L=40m L=38m	STR=102m R=196m L=91m	STR=384m	STR=201m L=120m	STR=9m L=74m	STR=29m R=245m L=32m	STR=300m	TL=61m																				

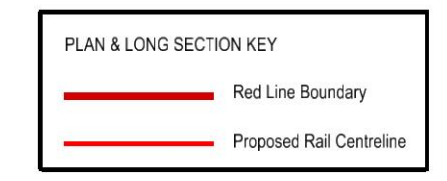
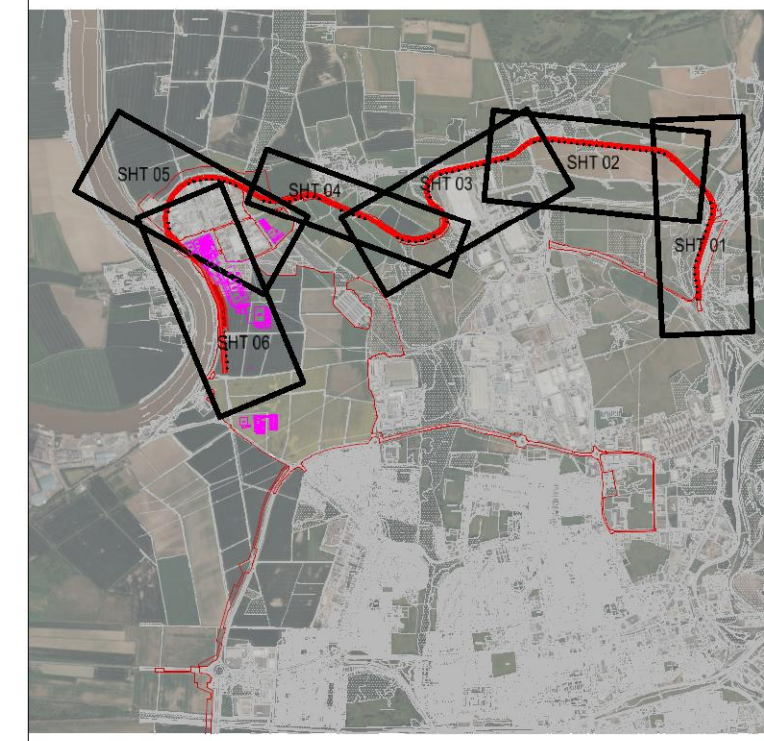


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	VERTICAL ALIGNMENT	L=530m G=0.938% 1:107		L=30m R=967m		L=683m G=1.248% 1:80										L=50m R=5462m		L=672m G=0.333% 1:300										
	HORIZONTAL ALIGNMENT	TL=61m R=227m L=89m		TL=72m		STR=787m										TL=51m R=335m L=52m		R=525m L=30m		R=190m L=82m		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)

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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

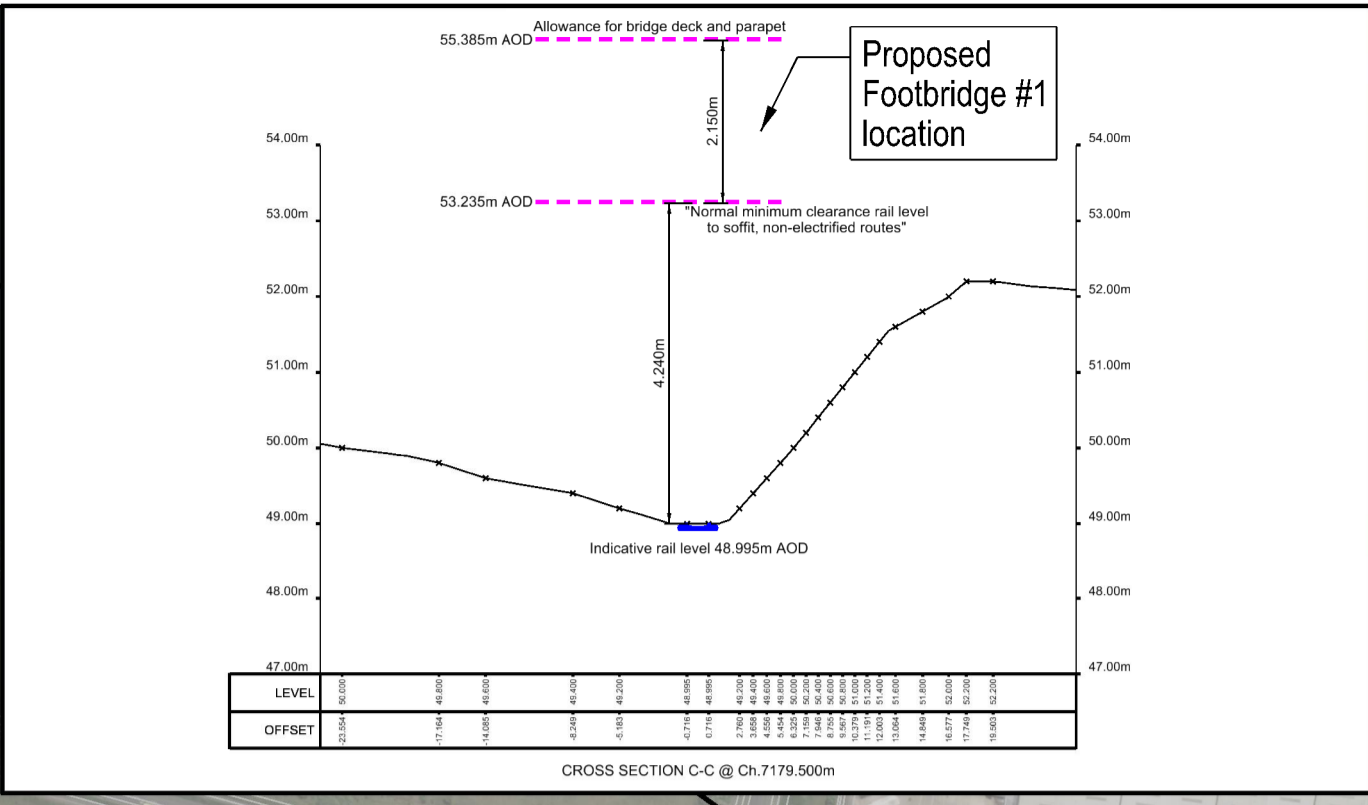
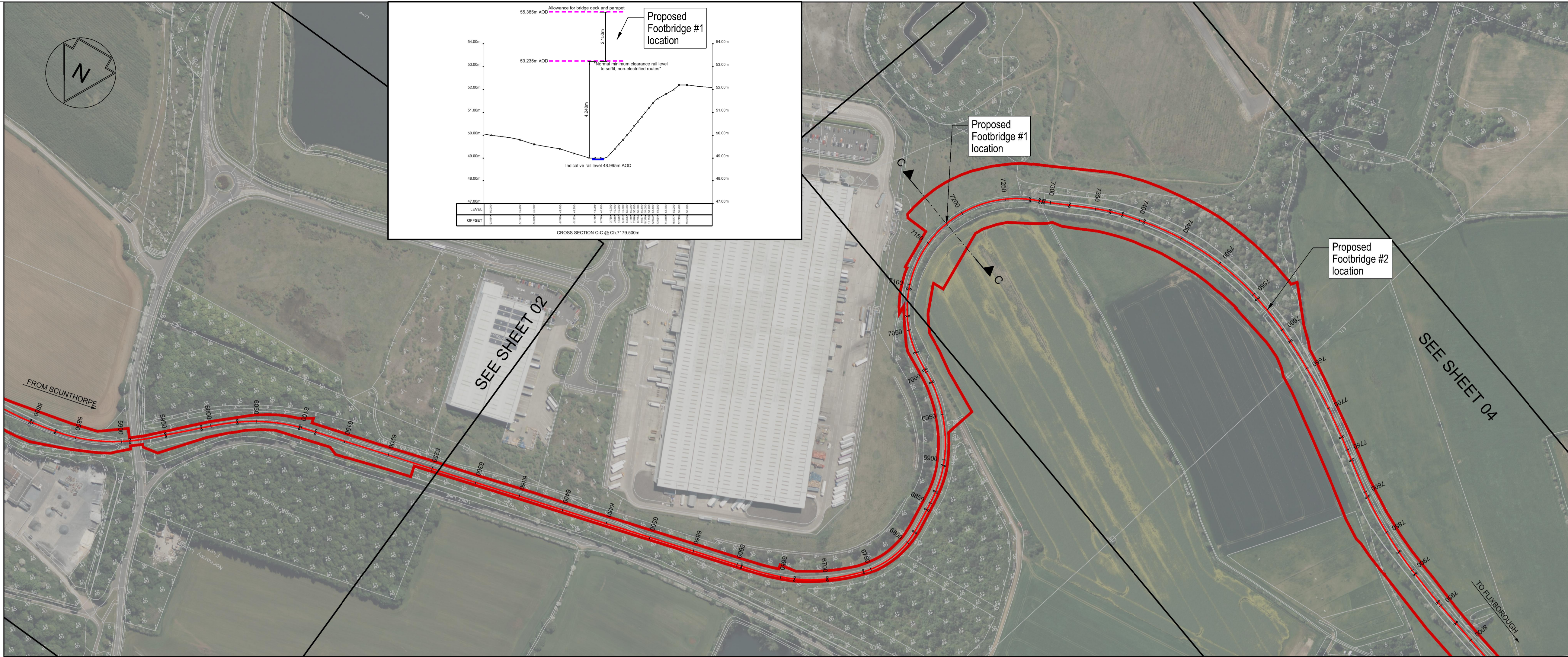
Client

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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

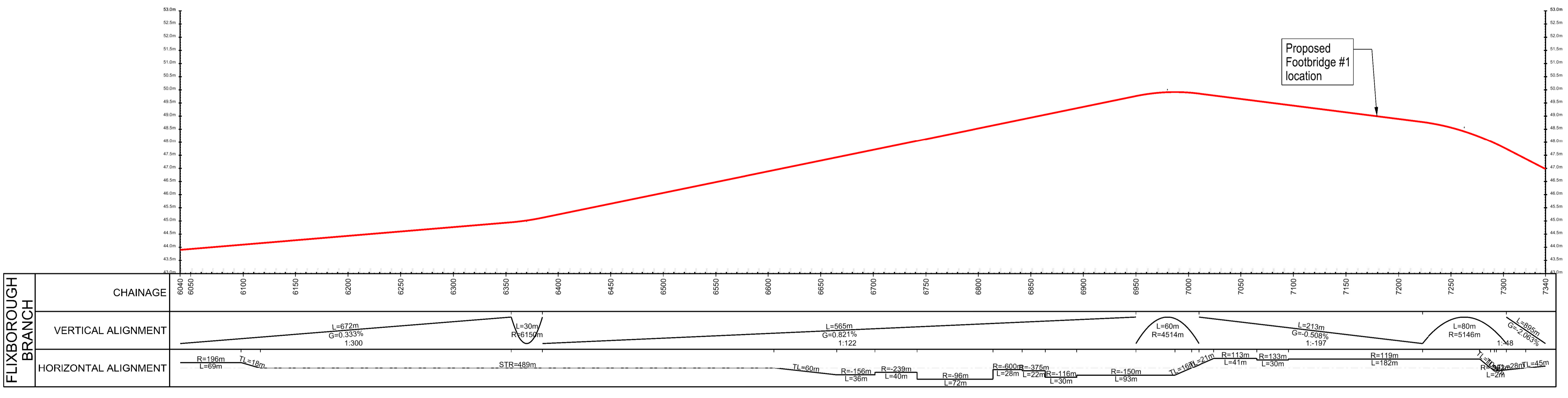
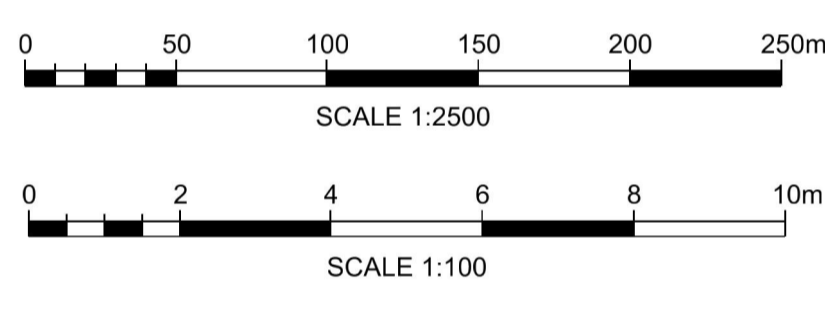
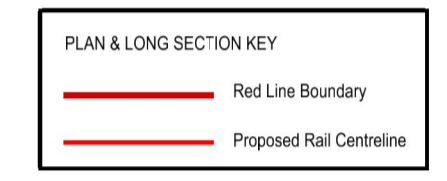
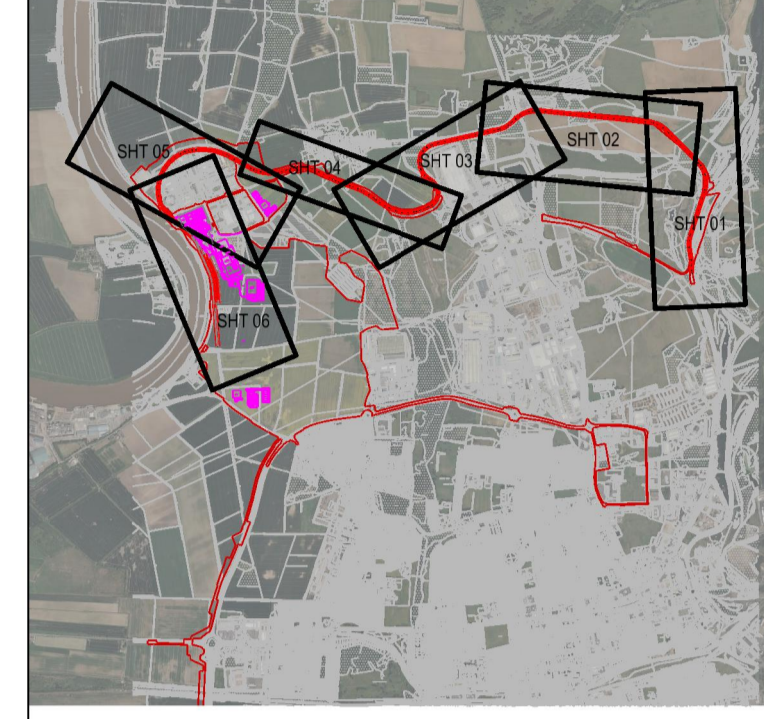
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<b>EN010116</b>	1:2500 (H) 1:100 (V)	
Drawn/Designed By:	Checked By:	Approved By:
AT	DP	NG
Drawing No.	Revision	
NLGEP-INT-XX-XX-DR-Y-0002	P1	



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

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Elevation: metres (m)

KEYPLAN:



P3	Planning - DCO Submission	03-23	AT	DP	NG
P2	Planning - DCO Submission	12-22	AT	DP	NG
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	Aspd
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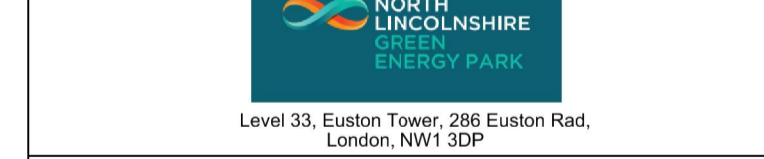
## DCO SUBMISSION

Project Stage

## INFORMATION

Status of Drawing

Client



Client: NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD

Consultant: INTERMODALITY

Project: NORTH LINCOLNSHIRE GREEN ENERGY PARK

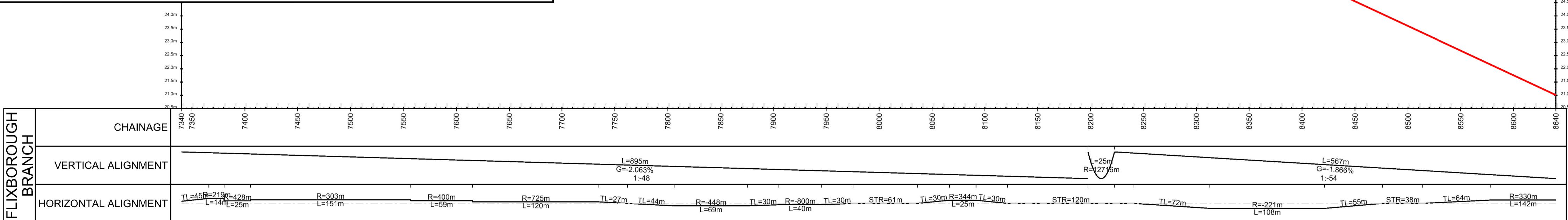
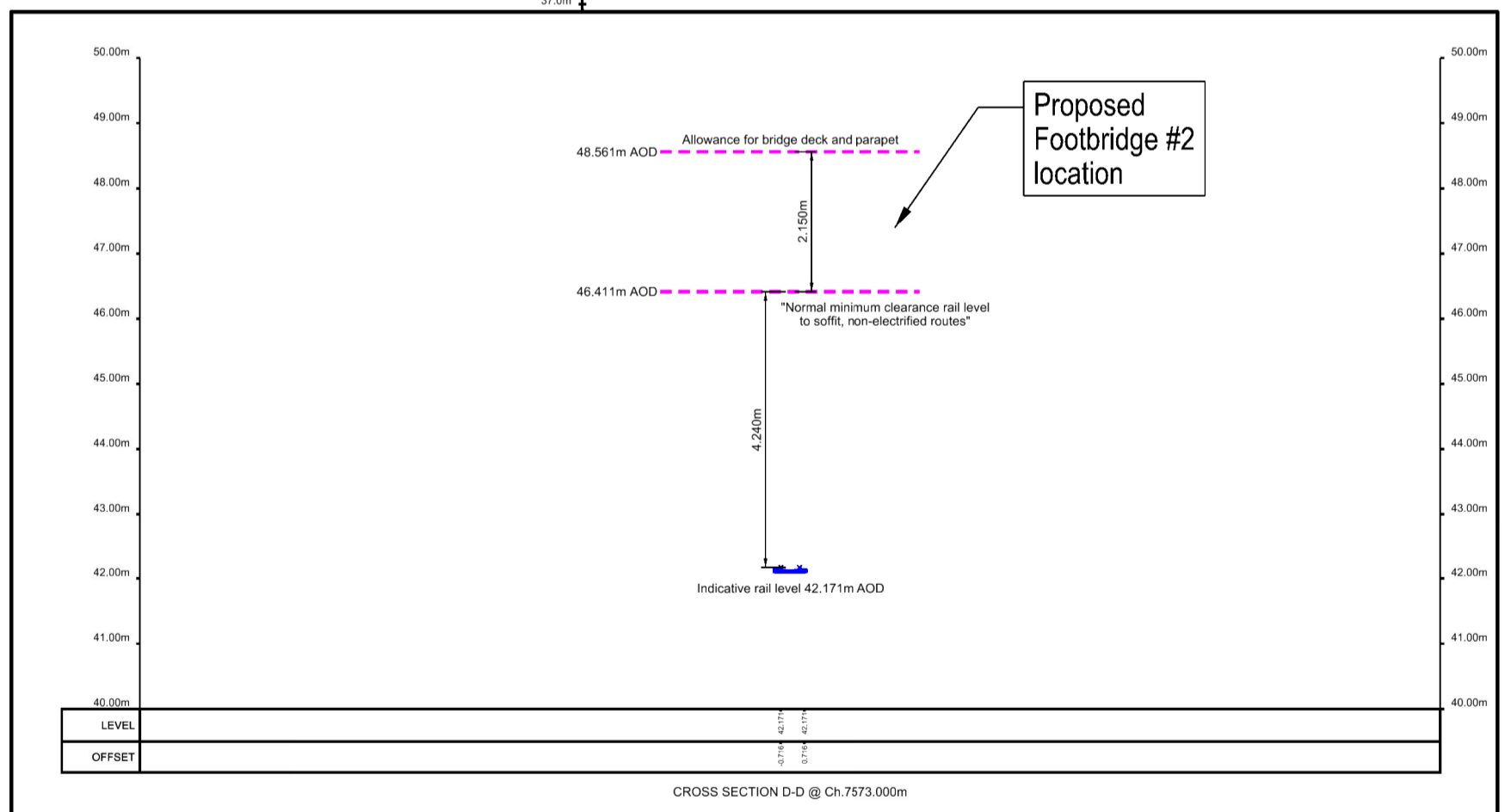
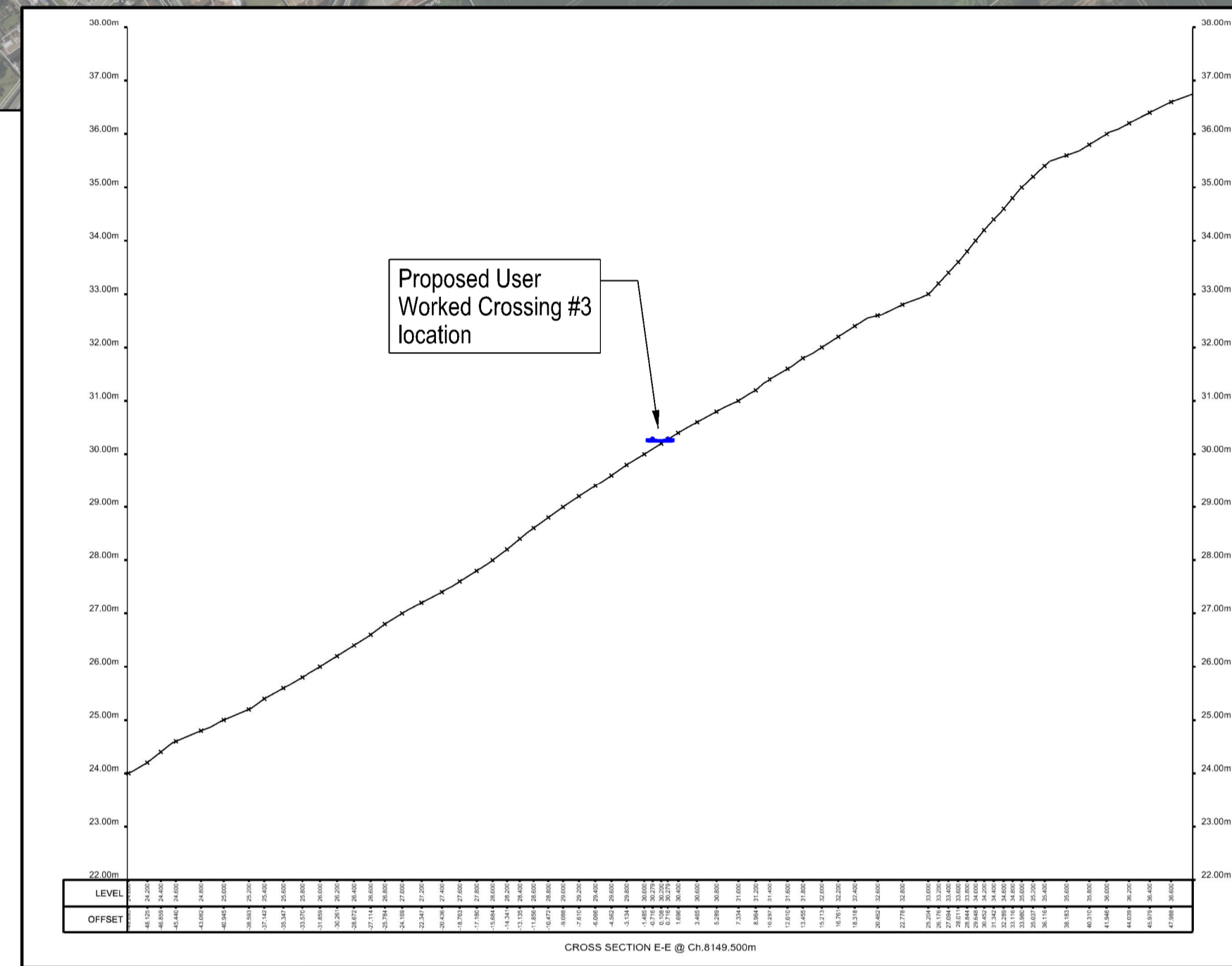
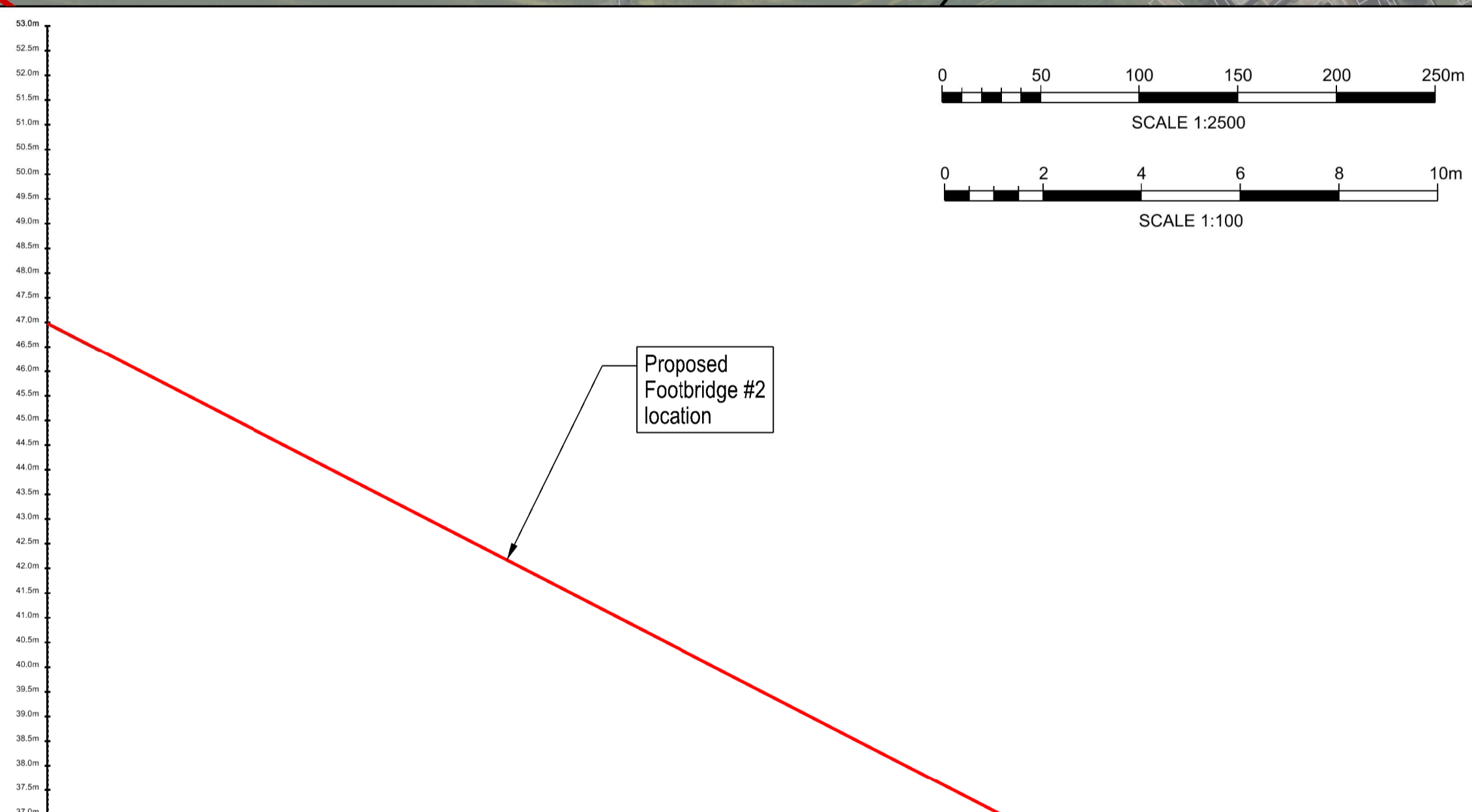
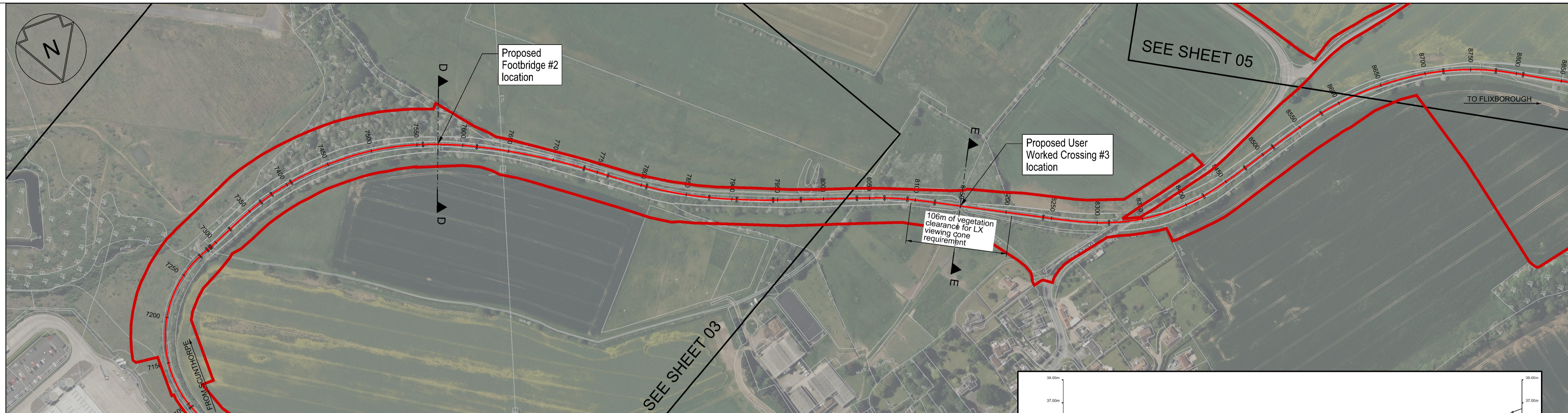
Proj Title: RAIL OUTLINE FEASIBILITY PLAN & LONG SECTION SHEET 3

Planning Inspectorate No. EN010116 Scale: A1  
1:2500 (H) 1:100 (V)

Drawn/Designed By:	Checked By:	Approved By:
AT	DP	NG

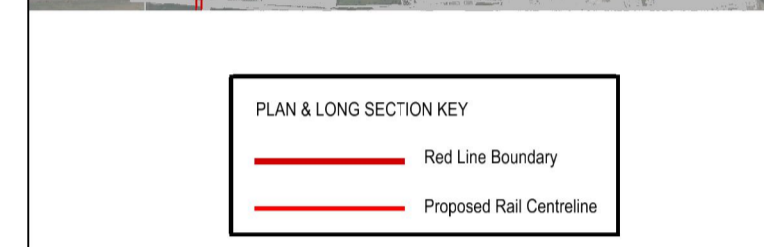
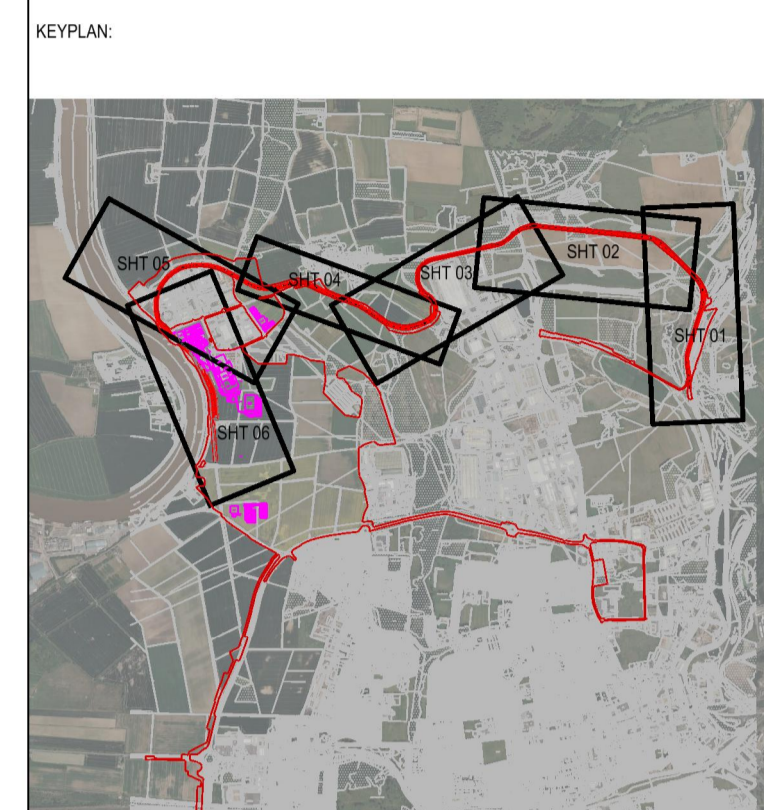
Drawing No. NLGEP-INT-XX-XX-DR-Y-0003 Revision P3





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

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Rev	Description	Date	Iss'd	Rev'd	Aspd
P3	Planning - DCO Submission	03-23	AT	DP	NG
P2	Planning - DCO Submission	12-22	AT	DP	NG
P1	Planning - DCO Submission	05-22	AT	DP	NG
P0	Planning - DCO Submission	09-21	AT	DP	NG

## DCO SUBMISSION

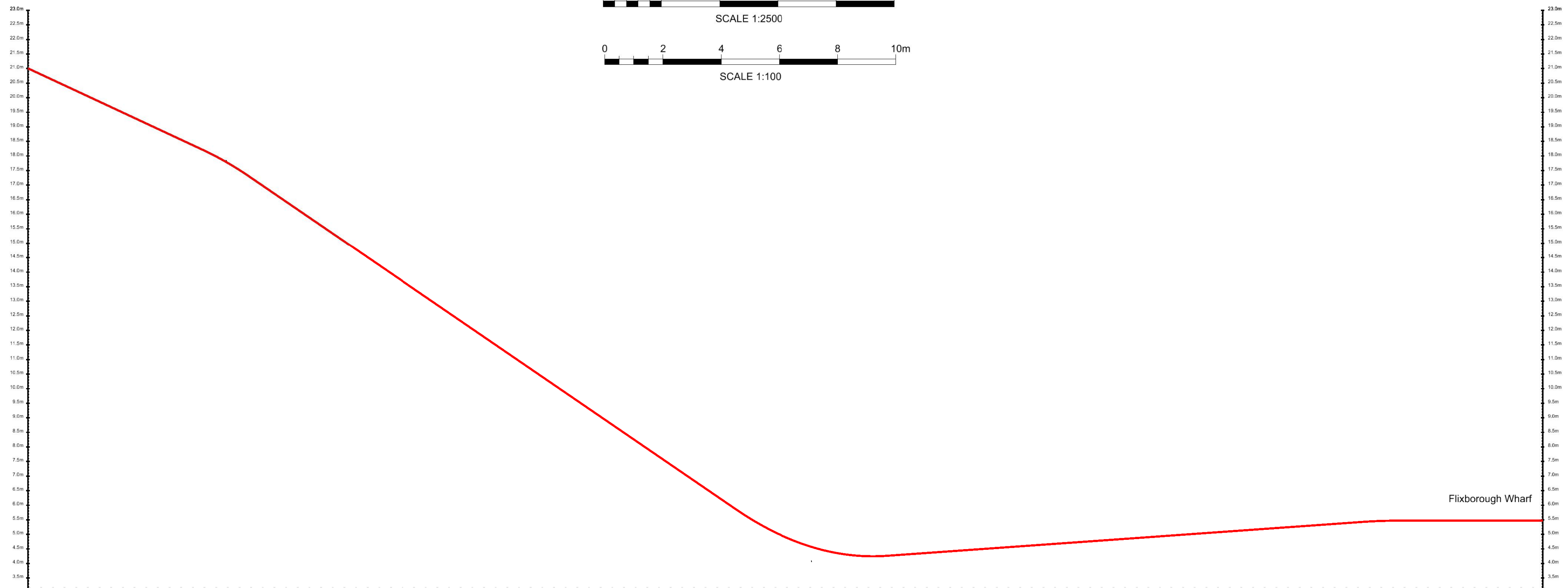
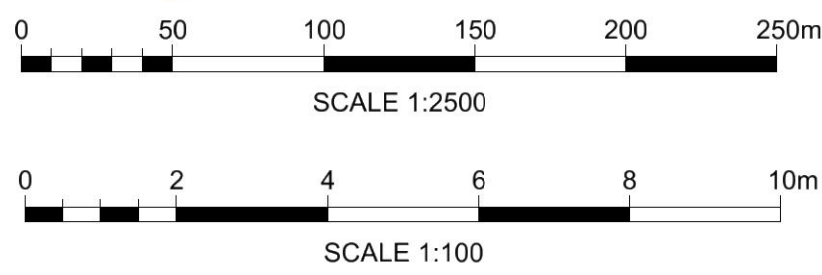
## INFORMATION

Client: **NORTH LINCOLNSHIRE GREEN ENERGY PARK LTD**  
 Level 33, Euston Tower, 206 Euston Road, London, NW1 2DP

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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: NG	
Drawing No. NLGEP-INT-XX-DR-Y-0004	Revision: P3		

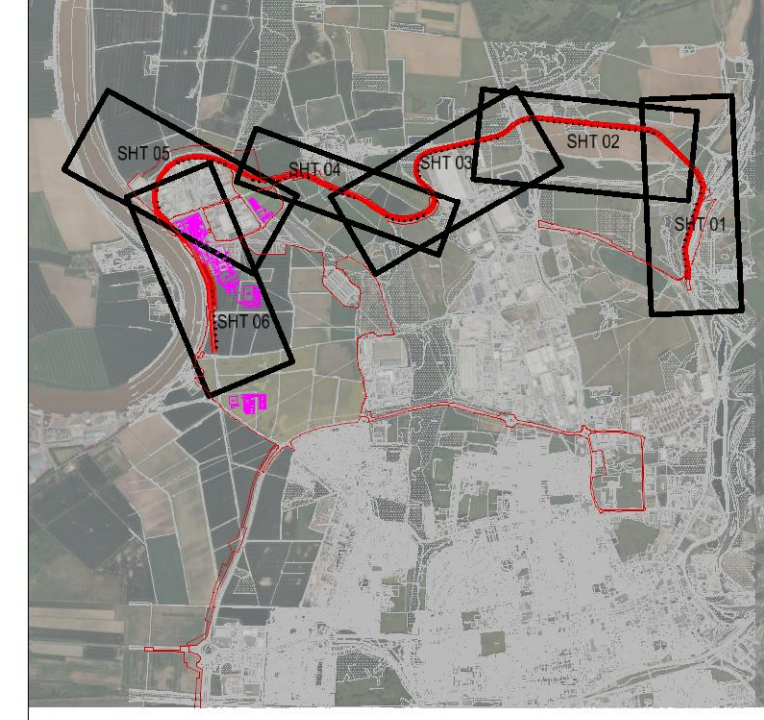


FLIXBOROUGH BRANCH	CHAINAGE	8650 8700 8750 8800 8850 8900 8950 9000 9050 9100 9150 9200 9250 9300 9350 9400 9450 9500 9550 9600 9650 9700 9750 9800 9850 9900 9950													
	VERTICAL ALIGNMENT	$L=567m$ $G=-1.866\%$ $1-54$ $R=4586m$ $L=417m$ $G=-2.738\%$ $1-37$ $L=130m$ $R=4300m$ $L=408m$ $G=0.285\%$ $1-351$ $L=30m$ $R=10525m$ $G=0.000\%$ $1-0$ $L=308m$													
HORIZONTAL ALIGNMENT	$R=330m$ $L=142m$ $R=260m$ $L=57m$ $TL=30m$ $STR=145m$ $TL=70m$ $R=450m$ $L=248m$ $TL=30m$ $R=719m$ $TL=30m$ $L=50m$ $L=5m$ $R=330m$ $L=234m$ $R=245m$ $L=25m$ $R=344m$ $L=199m$ $R=132m$ $L=30m$ $R=201m$ $L=99m$														

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

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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

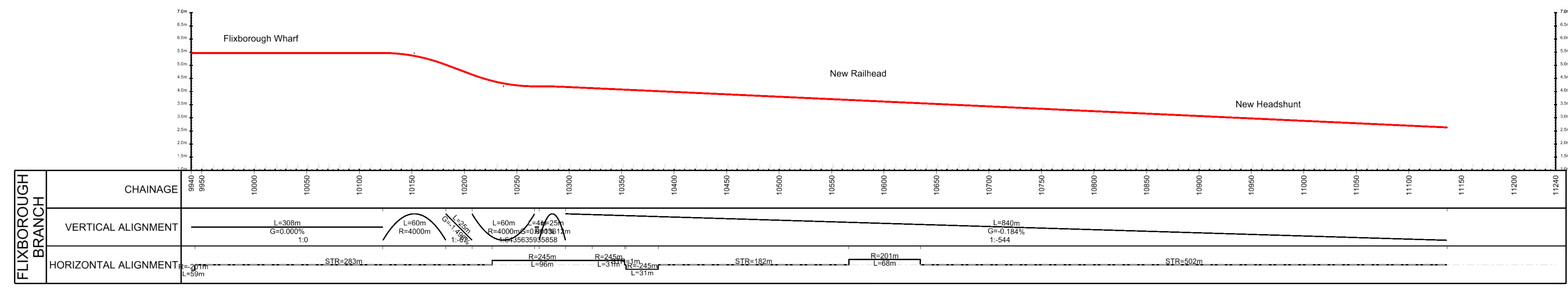
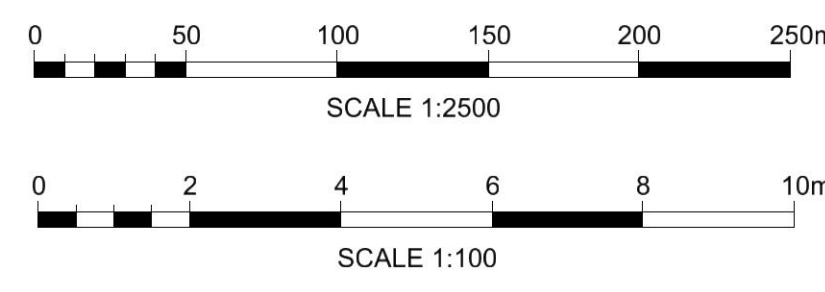
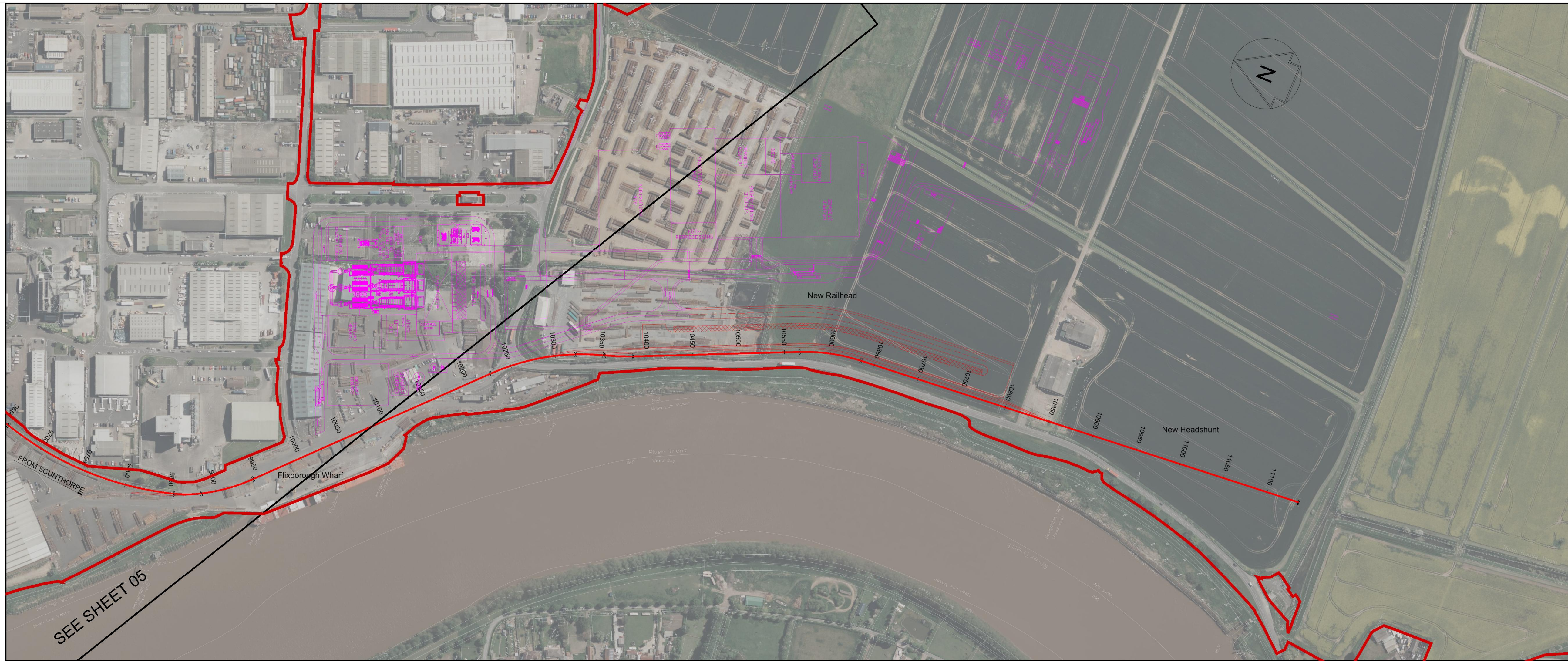
Level 33, Euston Tower, 286 Euston Road, London, NW1 3DP

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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				

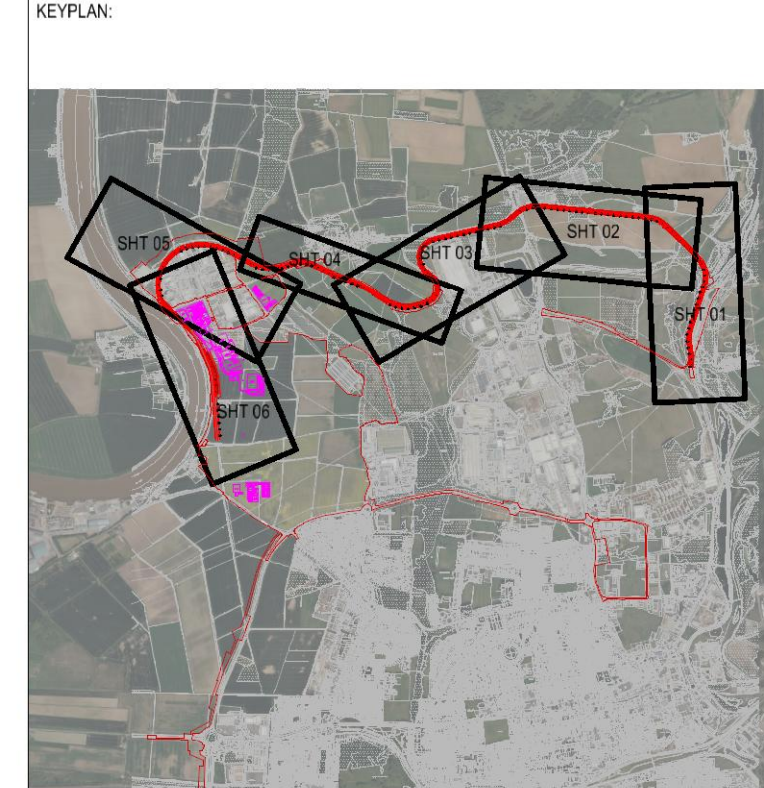
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Drawn/Designed By:	AT	Checked By:	DP
Approved By:	NG	Revision	P1
Drawing No.	NLGEP-INT-XX-XX-DR-Y-0005		



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

Notes

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Elevation: metres (m)



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, 296 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 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	