

Understanding our Drawings

We have prepared three sets of drawings to help you understand our proposals presented at this consultation and how you may be affected by them. These sets of drawings are:

- Temporary Plan Drawings – Drawing series 133735-MWJ-Z0-XXX-DRG-CSE-000100
- Permanent Plan Drawings – Drawing series 133735-MWJ-Z0-XXX-DRG-CSE-000101
- Permanent Plan and Profile Drawings – Drawing series 133735-MWJ-Z0-XXX-DRG-CSE-000102

For each route section from Oxford to Cambridge, these drawings show the boundary of our proposed works (the Draft Order Limits) and the type of works proposed in each area. The boundary of our proposed works includes our infrastructure proposals, indicative environmental mitigation such as tree planting and habitat improvement works as well as land that would be used temporarily for construction.

Our Permanent Plan and Profile drawings also show the proposed height (vertical alignment) of our proposals.

These drawings should be read in conjunction with our consultation document which describe our proposals.

What is shown on the Drawings

The Drawings show the boundary of our proposed works at this consultation. This includes land for new infrastructure, works to existing infrastructure and associated mitigation works including environmental mitigation as well as land that would be used temporarily for construction.

The Permanent Plan Drawings and Plan and Profile Drawings includes our proposals for:

- Track alignment including earthworks, bridges, viaducts and tunnels
- Highway works
- Drainage ponds to support the above
- Proposed station locations and indicative layouts
- Indicative large rail system assets including traction power compounds and telecom compounds (smaller rail system assets are not shown but are assumed to fit within the proposed railway corridor)
- Public Rights of Way (PRoW), including where existing PRoWs are being closed/diverted
- Active travel routes
- Access including railway maintenance access and access for landowners to their retained land
- Preliminary environmental mitigation proposals

The Temporary Plan Drawings show our proposals for:

- Main compounds
- Satellite compounds
- Stock pile locations,
- Service roads
- Major utility diversions
- Access and working areas needed to construct the permanent works

How our proposals will develop

The proposals at this consultation are based on preliminary designs to give you a general understanding of our proposals and to help inform feedback to the consultation. Your feedback, along with the results of further technical assessments, environmental impact assessment and mitigation proposals, will help us refine our proposals further before we submit our DCO application.

Other Points of Note

- All dimensions are in metres.
- Background OS mapping from 2021.
- Connection Stage 1 (CS1) between Gavray Junction and Bletchley has only recently completed construction so background mapping does not yet reflect as-built records
- The proposals shown are illustrative only for consultation purposes only and will be subject to change as part of design development and could require minor amendments to the Draft Order Limits.
- This map is provided as a visual reference. Due to its complexity, it may not be fully accessible to all users.

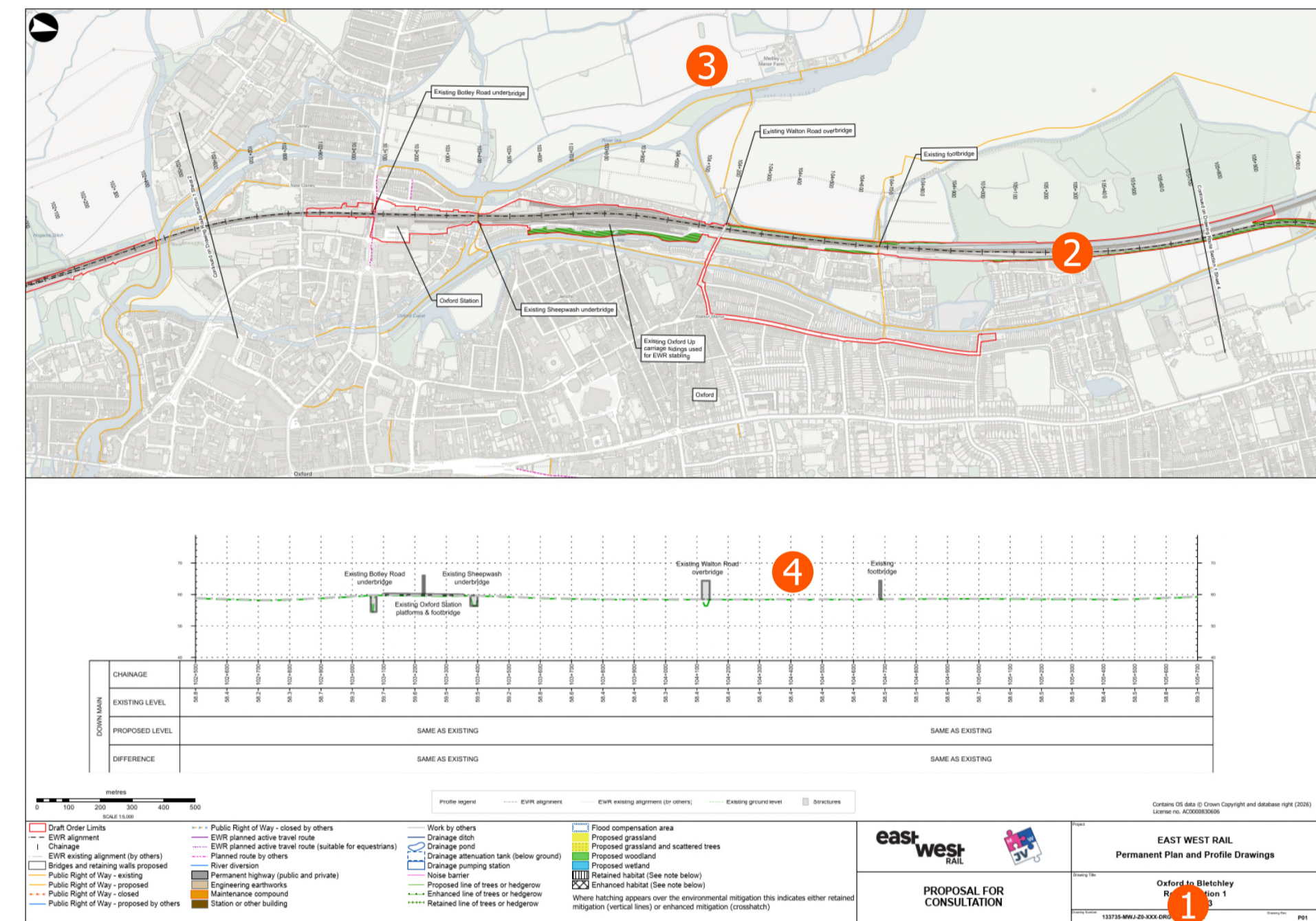
How you can use the Drawings

An example of a Plan and Profile drawing is shown below with an explanation to help you use the drawings. The same principles apply to all three sets of drawings. The numerical labels ① on the drawing correspond to the explanation below.

Our proposals are split into 8 route sections as indicated on the Drawing Map Index - 133735-MWJ-Z0-XXX-DRG-CSE-000097, 133735-MWJ-Z0-XXX-DRG-CSE-000098 and 133735-MWJ-Z0-XXX-DRG-CSE-000099. Each route section is given a different number, and within this each sheet is numbered ①.

The distance along the route section is shown using a bespoke chainage system ②. All chainages increase in a west to east direction with the first digit corresponding to the route section. For example Route Section 1 chainage starts at 100+000 and Route Section 2 chainage starts at 200+000. The distance between each chainage marker is 500 metres on the Plan drawings and 100 metres on the Plan and Profile drawings.

Each drawing shows a Plan of the area in question ③. For the Plan and Profiles we also show a profile for the same area as shown below ④. The Profile is the proposed vertical alignment of the railway relative to existing ground (to make level differences clearer to see the vertical scale is exaggerated by 10 times).

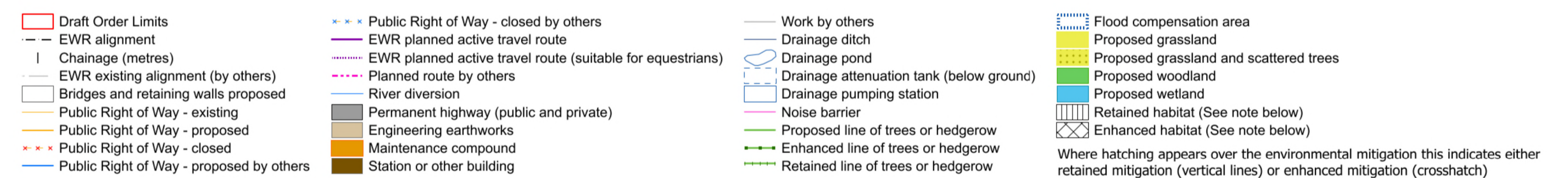


Status of the Drawings

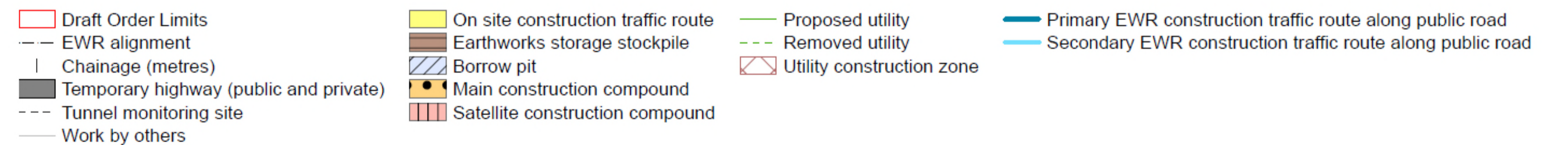
Based on ongoing design work and feedback gathered this consultation, we will further refine our proposals and define the limits in which permanent works can be constructed. These are typically known as Limits of Deviation. Limits of Deviation help provide us with the necessary flexibility to avoid unforeseen issues. This includes engineering or environmental issues that were not known at the time of the DCO application. For temporary works, such as construction activities, mitigation works or planting works, these are not subject to Limits of Deviation, but can only take place within the Draft Order Limits.

Legend Extract

An extract is provided below which indicates which assets are shown on the Plan and Profiles and Permanent Plans.



An extract is provided below which indicates which assets are shown on the Temporary Plans.



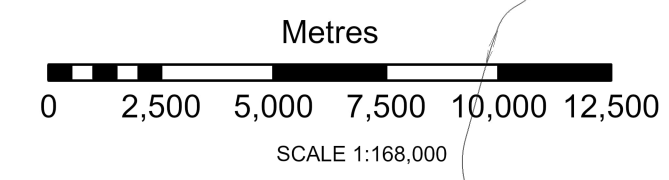
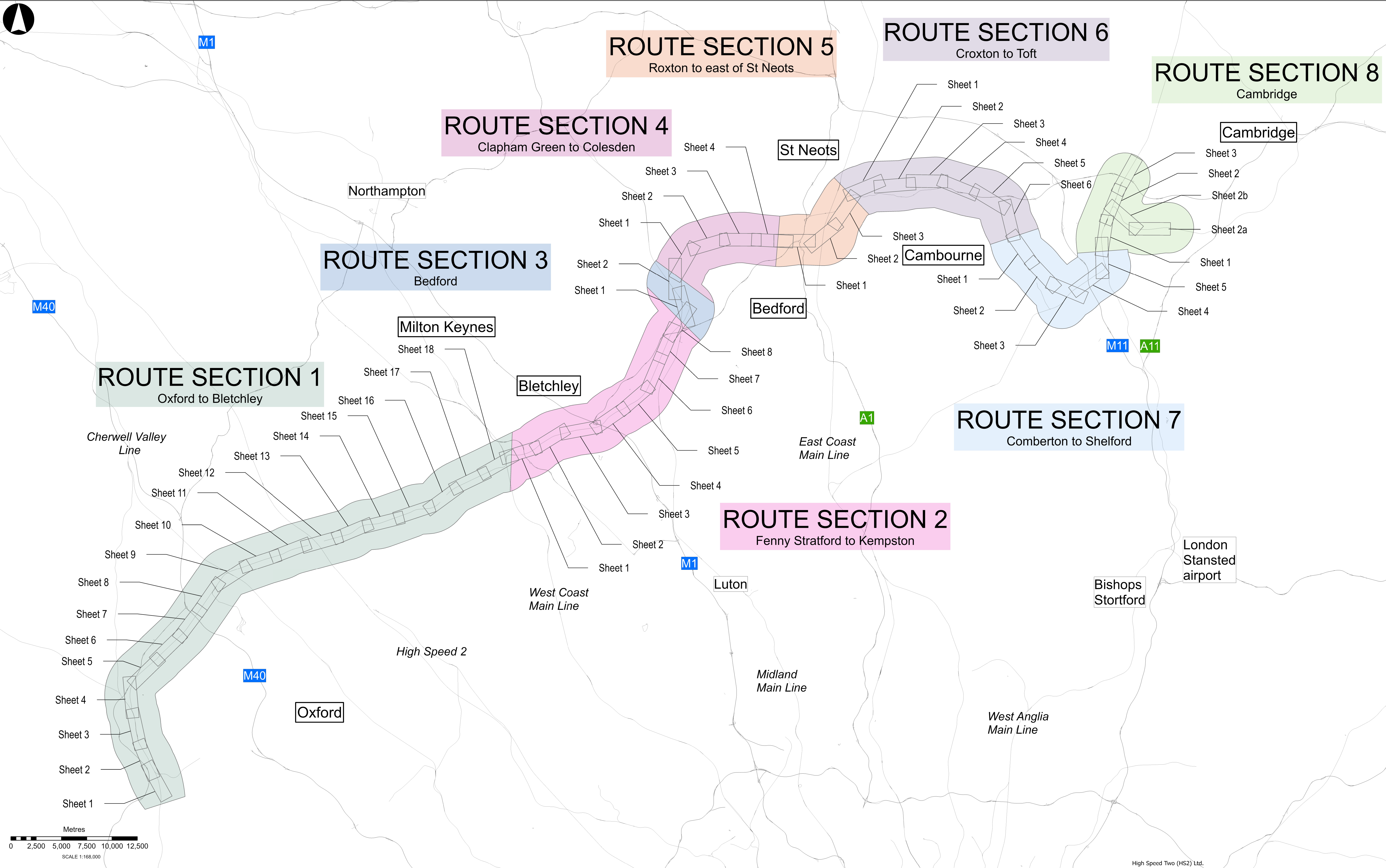
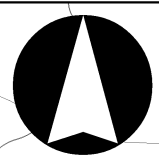
PROPOSAL FOR CONSULTATION

EAST WEST RAIL
Plan and Profile

Oxford to Cambridge
Guide to the drawings

Drawing Number 133735-MWJ-Z0-XXX-DRG-CSE-000096

Drawing Rev P02



High Speed Two (HS2) Ltd.



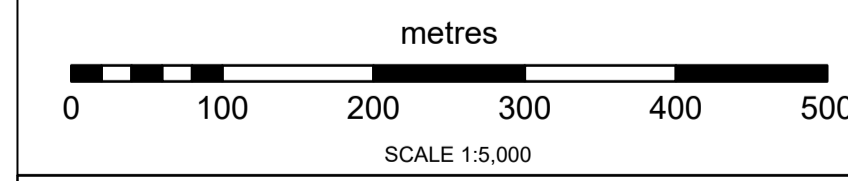
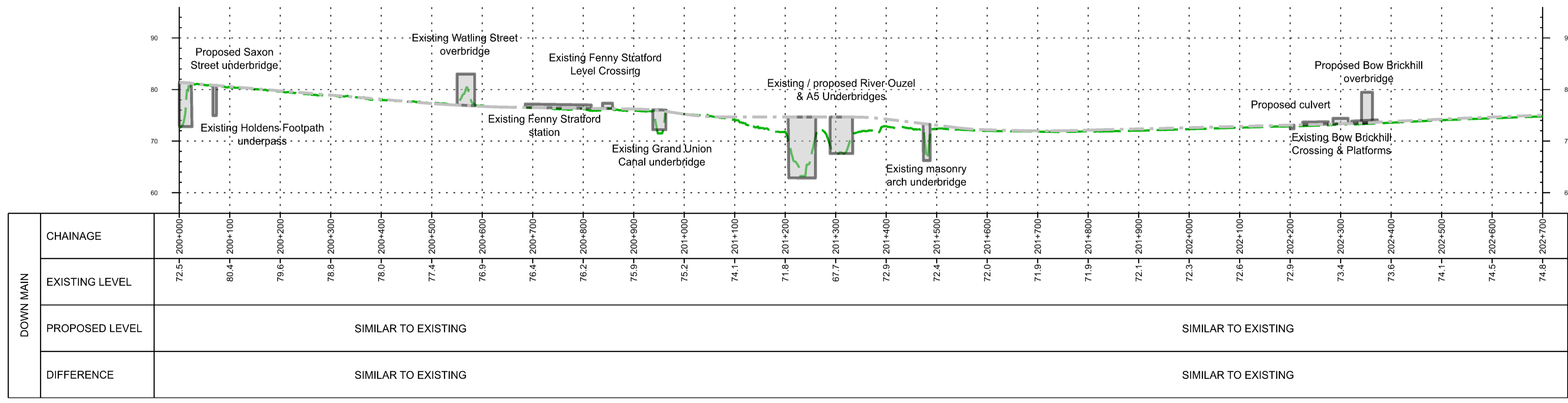
PROPOSAL FOR CONSULTATION

EAST WEST RAIL

Plan and Profile Map Index

Drawing Number 133735-MWJ-Z0-XXX-DRG-CSE-000099

P01



- Profile legend**
- EWR alignment
 - EWR existing alignment (by others)
 - Existing ground level
 - █ Structures
- Draft Order Limits
 - EWR alignment
 - Chainage
 - EWR existing alignment (by others)
 - Bridges and retaining walls proposed
 - Public Right of Way - existing
 - Public Right of Way - proposed
 - Public Right of Way - closed
 - Public Right of Way - proposed by others
 - Public Right of Way - closed by others
 - EWR planned active travel route
 - EWR planned active travel route (suitable for equestrians)
 - Planned route by others
 - Permanent highway (public and private)
 - Engineering earthworks
 - Maintenance compound
 - Station or other building
 - Work by others
 - Drainage ditch
 - Drainage pond
 - Drainage attenuation tank (below ground)
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 - Proposed grassland
 - Proposed grassland and scattered trees
 - Proposed woodland
 - Proposed wetland
 - Retained habitat (See note below)
 - Enhanced habitat (See note below)
- Where hatching appears over the environmental mitigation this indicates either retained mitigation (vertical lines) or enhanced mitigation (crosshatch)

east west RAIL

EAST WEST RAIL
Permanent Plan and Profile Drawings

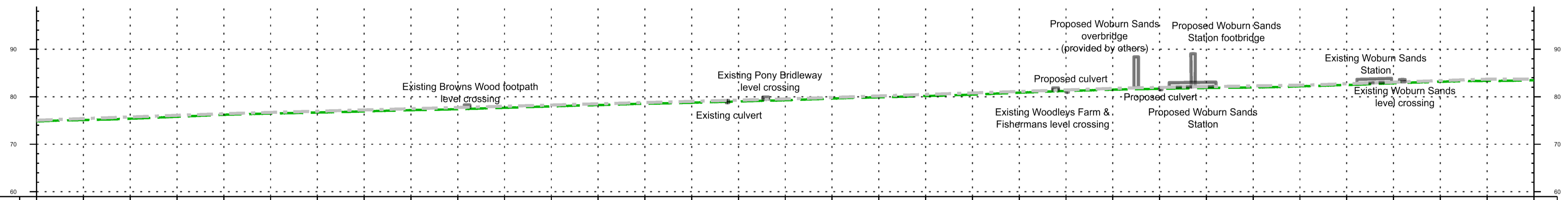
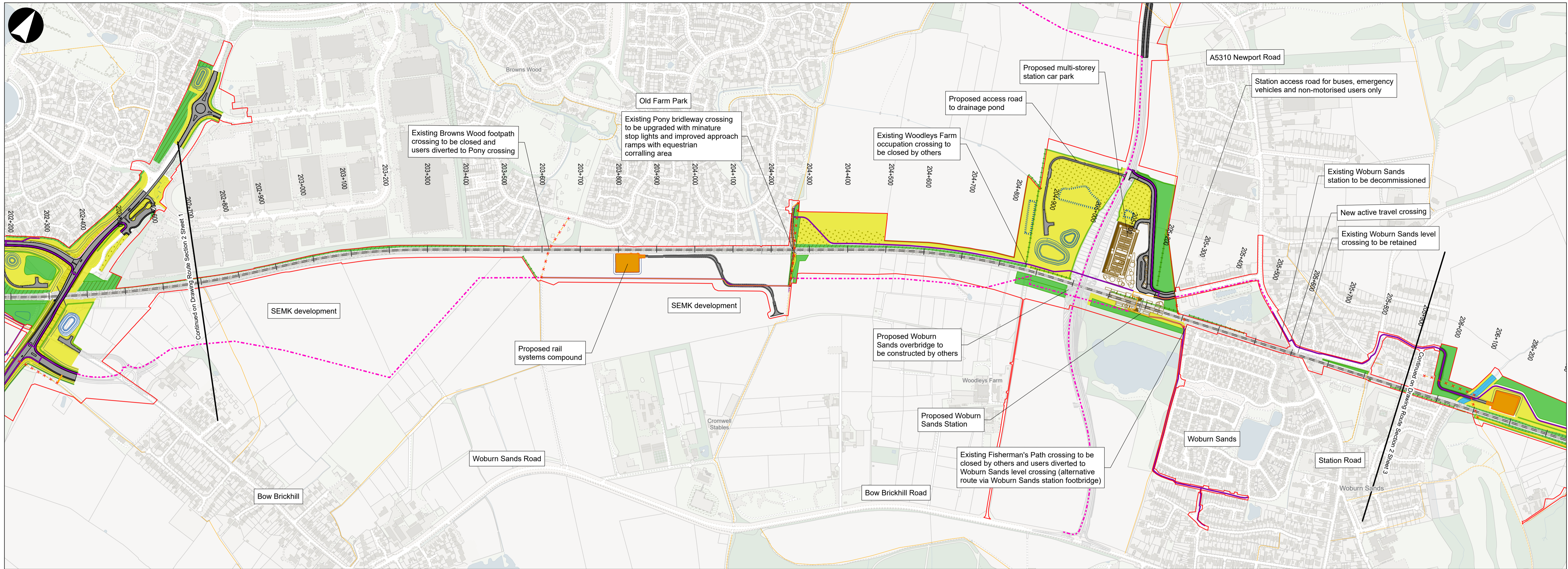
PROPOSAL FOR CONSULTATION

Fenny Stratford to Kempston
Route Section 2
Sheet 01

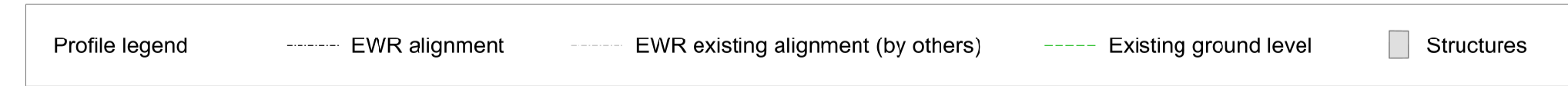
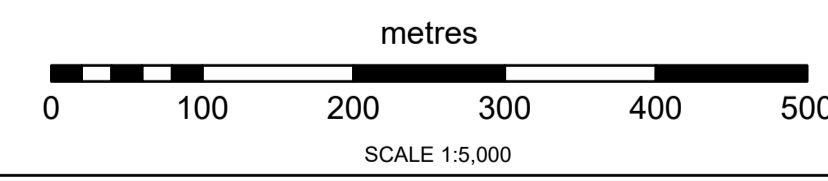
Project
Drawing Title
Drawing Number
133735-MWJ-Z0-XXX-DRG-CSE-00102

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Drawing Rev
P02



DOWN MAIN	CHAINAGE	74.8-202+700	75.1-202+800	75.4-202+900	75.8-203+000	76.2-203+100	76.5-203+200	76.7-203+300	76.9-203+400	77.2-203+500	77.4-203+600	77.7-203+700	78.0-203+800	78.3-203+900	78.6-204+000	78.7-204+100	79.0-204+200	79.3-204+300	79.6-204+400	79.9-204+500	80.1-204+600	80.5-204+700	80.8-204+800	81.2-204+900	81.5-205+000	81.7-205+100	81.9-205+200	82.0-205+300	82.2-205+400	82.5-205+500	82.8-205+600	83.1-205+700	83.3-205+800	83.5-206+200
	EXISTING LEVEL	74.8	75.1	75.4	75.8	76.2	76.5	76.7	76.9	77.2	77.4	77.7	78.0	78.3	78.6	78.7	79.0	79.3	79.6	79.9	80.1	80.5	80.8	81.2	81.5	81.7	81.9	82.0	82.2	82.5	82.8	83.1	83.3	83.5
	PROPOSED LEVEL	SIMILAR TO EXISTING																	SIMILAR TO EXISTING															
	DIFFERENCE	SIMILAR TO EXISTING																	SIMILAR TO EXISTING															



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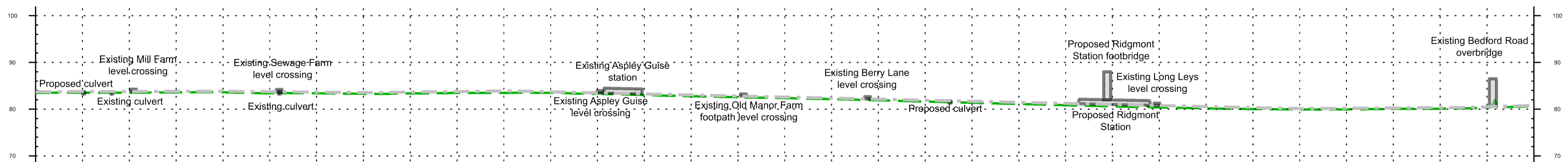
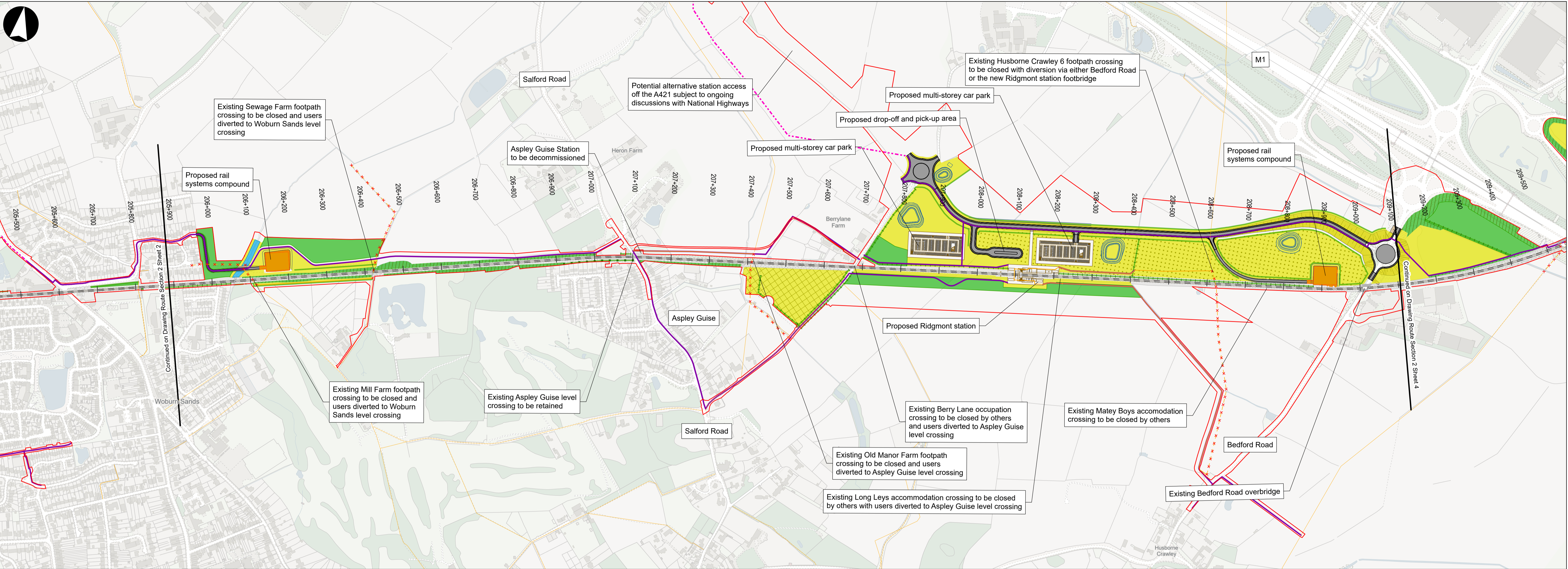
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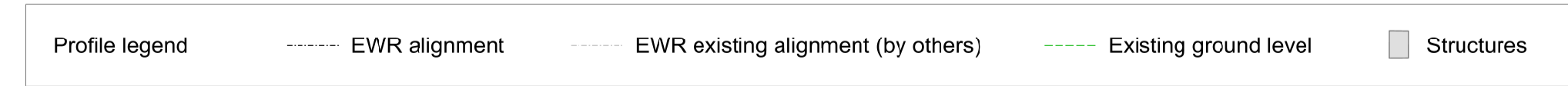
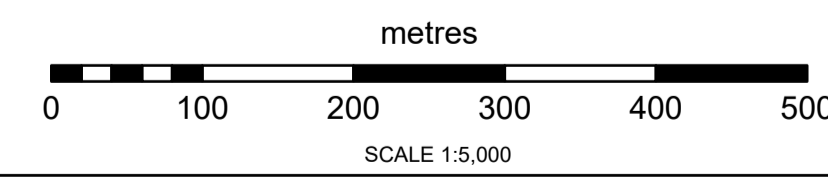
PROPOSAL FOR CONSULTATION

**EAST WEST RAIL
Permanent Plan and Profile Drawings**

**Fenny Stratford to Kempston
Route Section 2
Sheet 02**



DOWN MAIN	CHAINAGE	205+900	206+000	206+100	206+200	206+300	206+400	206+500	206+600	206+700	206+800	206+900	207+000	207+100	207+200	207+300	207+400	207+500	207+600	207+700	207+800	207+900	208+000	208+100	208+200	208+300	208+400	208+500	208+600	208+700	208+800	208+900	209+000		
	EXISTING LEVEL	83.5	83.5	83.5	83.6	83.6	83.4	83.4	83.4	83.3	83.4	83.4	83.5	83.5	83.5	83.0	82.8	82.6	82.3	82.2	81.9	81.6	81.4	81.1	80.8	80.6	80.4	80.2	80.0	79.9	79.9	1.08	1.08	80.3	80.0
	PROPOSED LEVEL	SIMILAR TO EXISTING																SIMILAR TO EXISTING																	
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east west RAIL

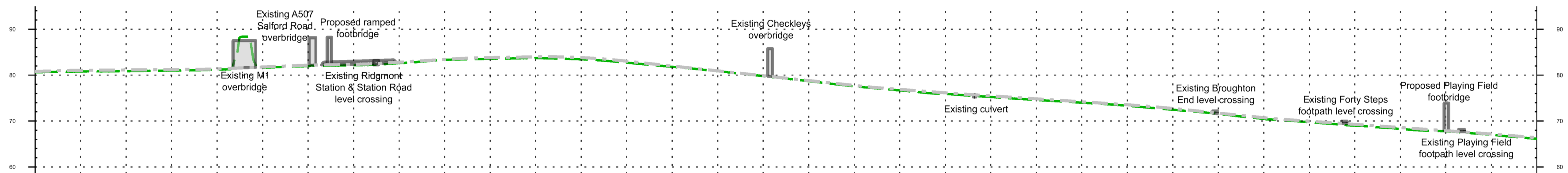
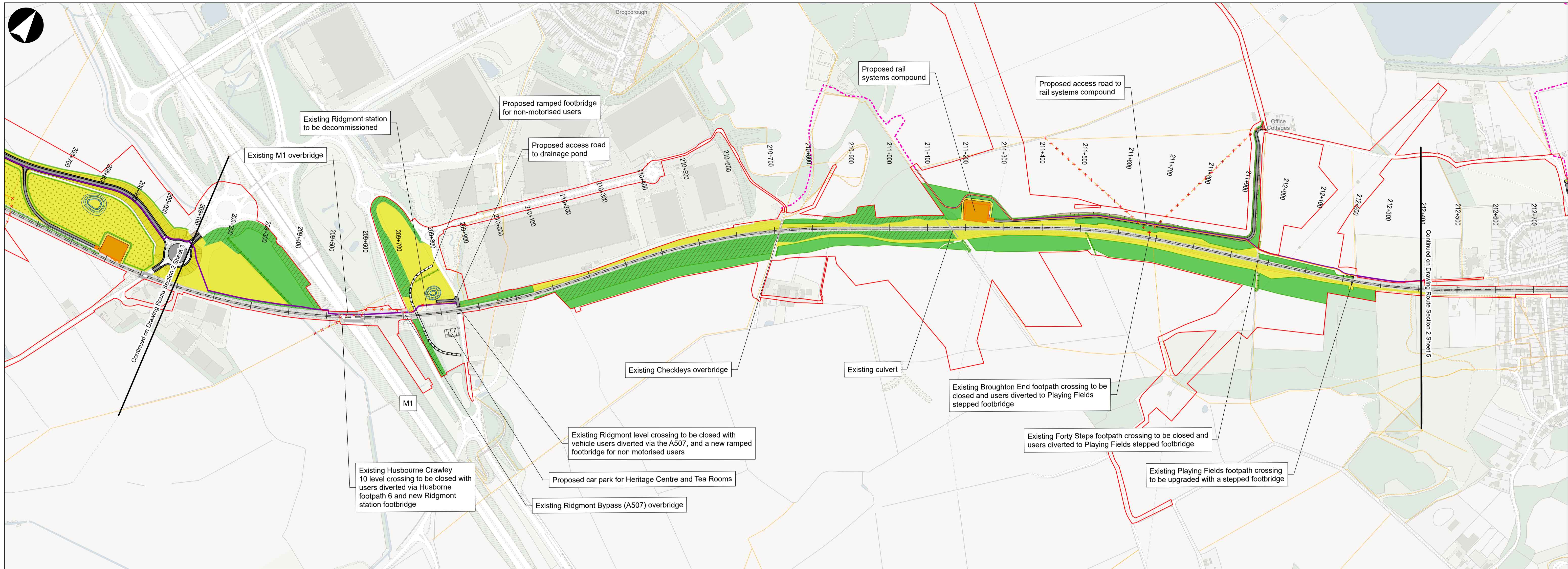
PROPOSAL FOR CONSULTATION

EAST WEST RAIL
Permanent Plan and Profile Drawings

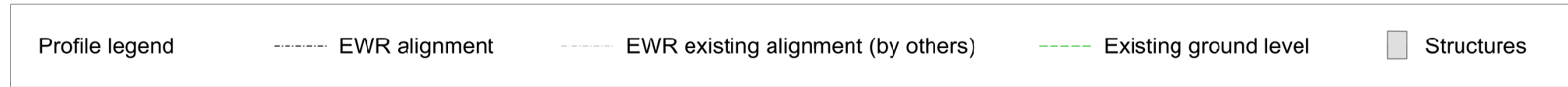
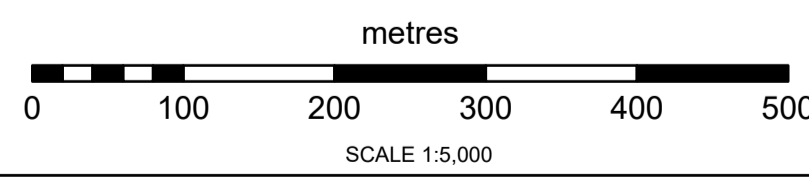
Fenny Stratford to Kempston
Route Section 2
Sheet 03

Drawing Number **133735-MWJ-Z0-XXX-DRG-CSE-000102** Drawing Rev **P02**

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	EXISTING LEVEL																																									
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east west RAIL

PROPOSAL FOR CONSULTATION

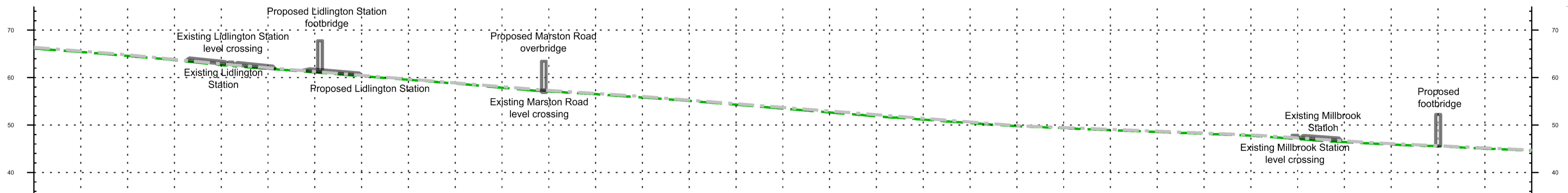
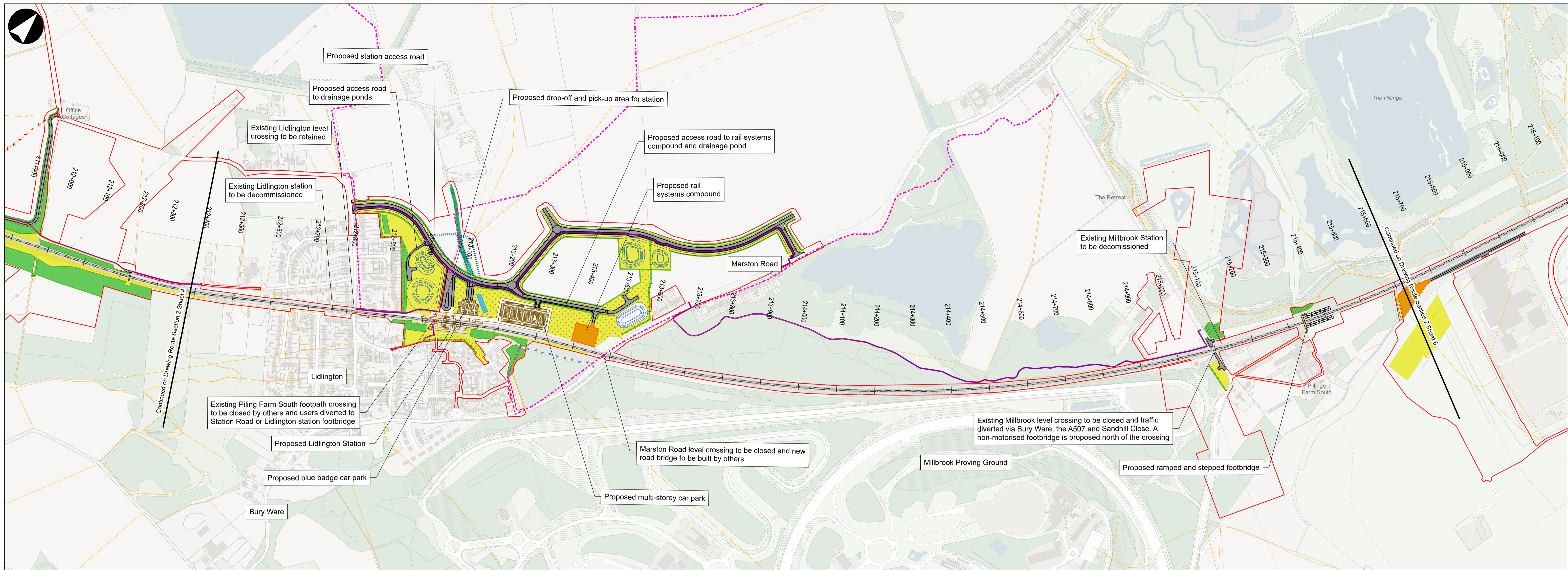
EAST WEST RAIL
Permanent Plan and Profile Drawings

Fenny Stratford to Kempston
Route Section 2
Sheet 04

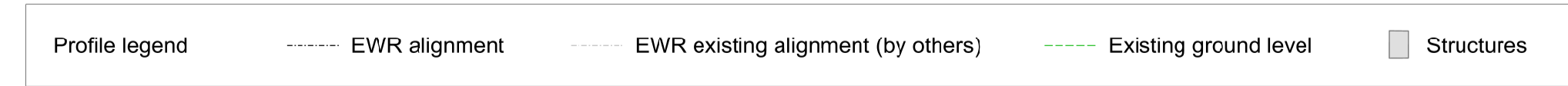
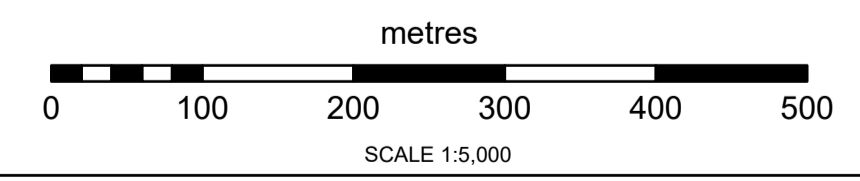
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Drawing Rev: P02

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	EXISTING LEVEL	66.1	65.4	64.9	63.7	62.6	61.9	61.1	60.3	59.9	58.8	57.9	57.1	56.5	55.8	54.3	53.5	52.9	51.8	51.2	50.9	49.8	49.4	48.9	48.5	48.1	47.7	47.1	46.4	45.9	45.5	45.0	44.6	
	PROPOSED LEVEL	SIMILAR TO EXISTING																	SIMILAR TO EXISTING															
	DIFFERENCE	SIMILAR TO EXISTING																	SIMILAR TO EXISTING															



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PROPOSAL FOR CONSULTATION

EAST WEST RAIL
Permanent Plan and Profile Drawings

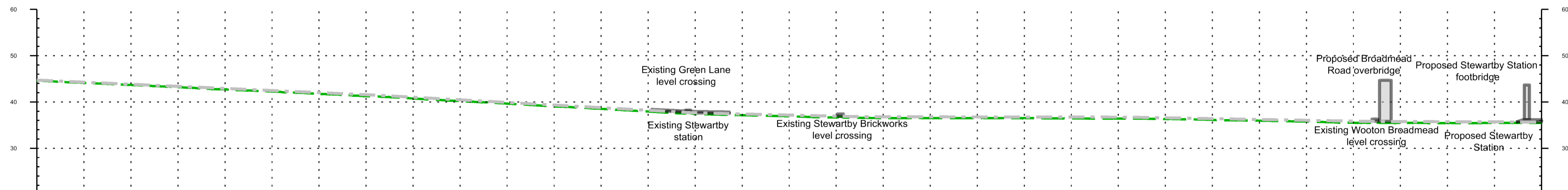
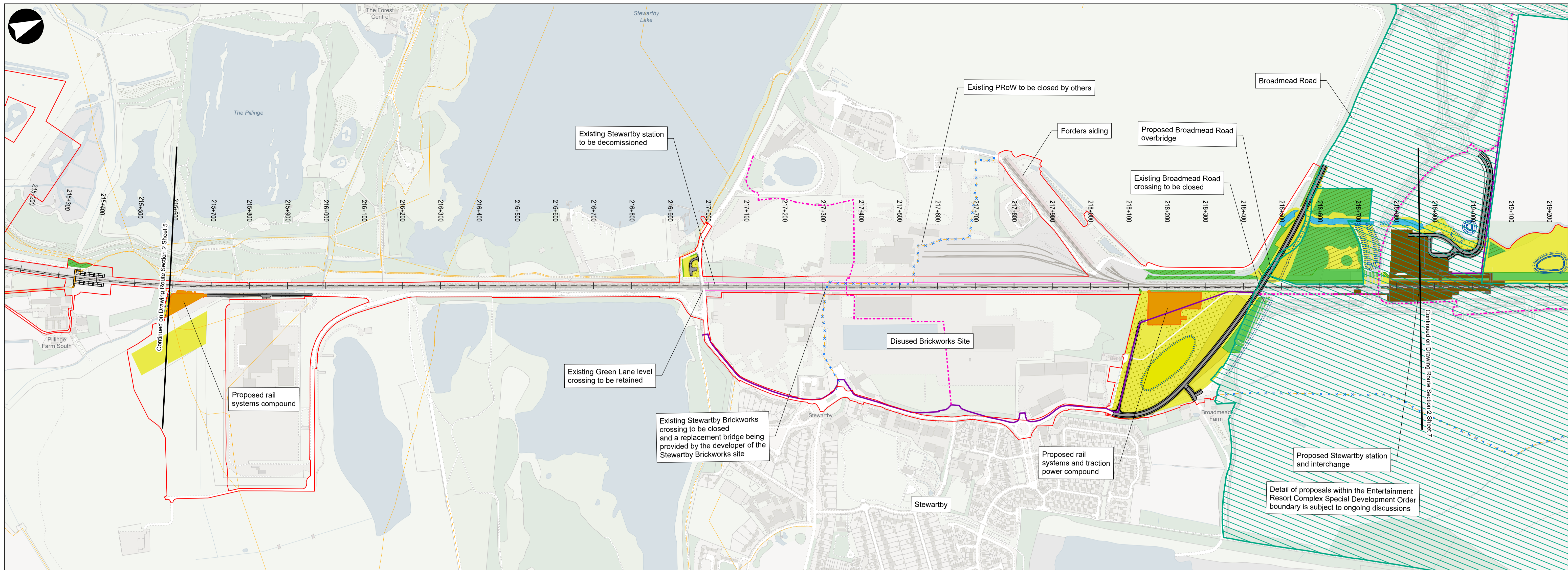
Drawing Title: **Fenny Stratford to Kempston Route Section 2 Sheet 05**

Drawing Number: 133735-MWJ-Z0-XXX-DRG-CSE-000102

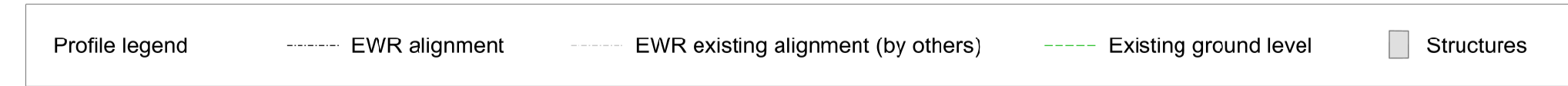
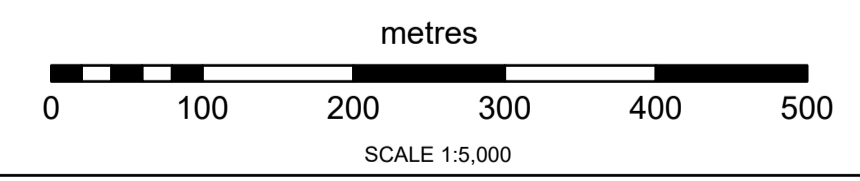
Project: EAST WEST RAIL

Scale: 1:5,000

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	EXISTING LEVEL	44.6	44.1	43.7	43.2	42.7	42.3	41.7	41.3	40.7	40.2	39.7	39.0	38.5	37.9	37.4	37.1	36.9	36.6	36.5	36.5	36.5	36.5	36.4	36.4	36.3	36.2	36.1	36.0	35.8	35.8	35.5	35.5	35.5	35.5	35.5	35.5
	PROPOSED LEVEL	SIMILAR TO EXISTING																	SIMILAR TO EXISTING																		
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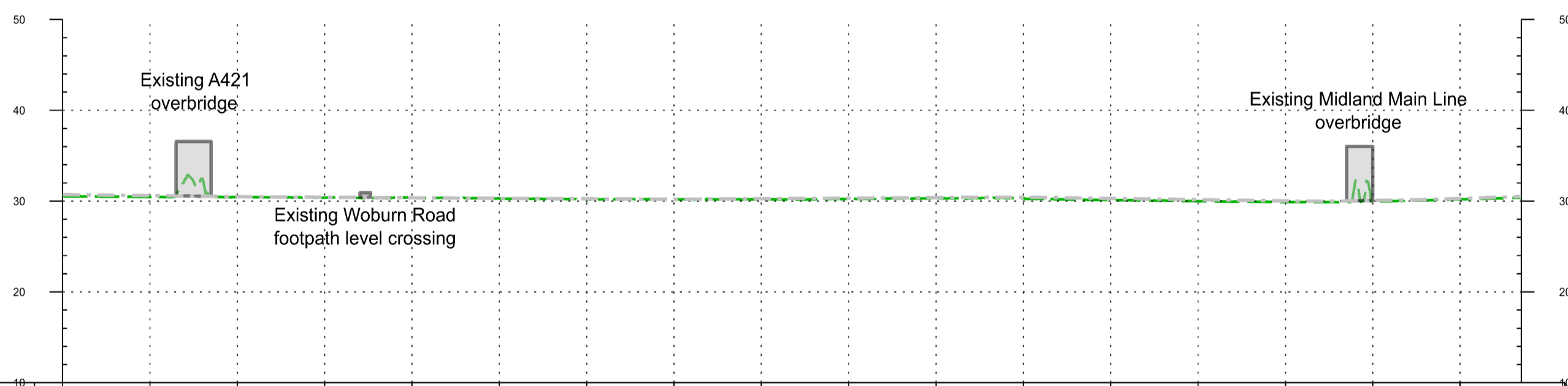
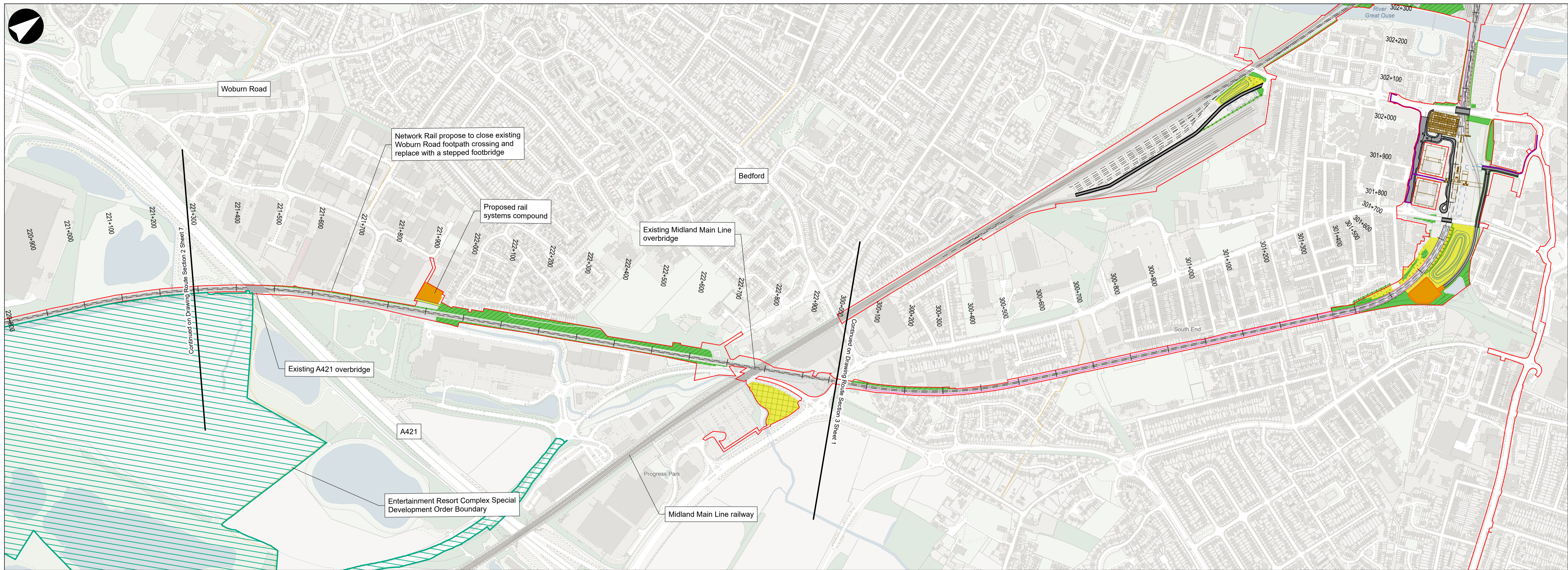


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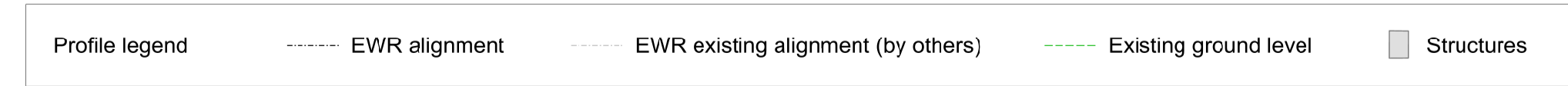
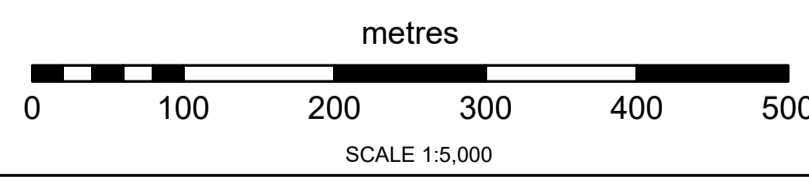
<ul style="list-style-type: none"> Draft Order Limits EWR alignment Chainage EWR existing alignment (by others) Bridges and retaining walls proposed Public Right of Way - existing Public Right of Way - proposed Public Right of Way - closed Public Right of Way - proposed by others 	<ul style="list-style-type: none"> Public Right of Way - closed by others EWR planned active travel route EWR planned active travel route (suitable for equestrians) Planned route by others River diversion Permanent highway (public and private) Engineering earthworks Maintenance compound Station or other building 	<ul style="list-style-type: none"> Work by others Drainage ditch Drainage pond Drainage attenuation tank (below ground) Drainage pumping station Noise barrier Proposed line of trees or hedgerow Enhanced line of trees or hedgerow Retained line of trees or hedgerow 	<ul style="list-style-type: none"> Flood compensation area Proposed grassland Proposed grassland and scattered trees Proposed woodland Proposed wetland Retained habitat (See note below) Enhanced habitat (See note below) <p>Where hatching appears over the environmental mitigation this indicates either retained mitigation (vertical lines) or enhanced mitigation (crosshatch)</p>
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PROPOSAL FOR CONSULTATION

EAST WEST RAIL Permanent Plan and Profile Drawings
Fenny Stratford to Kempston Route Section 2 Sheet 06
Drawing Number: 133735-MWJ-Z0-XXX-DRG-CSE-000102



DOWN MAIN	CHAINAGE	221+300	221+400	221+500	221+600	221+700	221+800	221+900	222+000	222+100	222+200	222+300	222+400	222+500	222+600	222+700	222+800	222+900	
	EXISTING LEVEL	30.5	30.5	30.5	30.4	30.4	30.3	30.2	30.2	30.2	30.2	30.3	30.3	30.1	30.0	29.9	29.9	30.2	
	PROPOSED LEVEL	SIMILAR TO EXISTING																	
	DIFFERENCE	SIMILAR TO EXISTING																	



- Draft Order Limits
 - EWR alignment
 - Chainage
 - EWR existing alignment (by others)
 - Bridges and retaining walls proposed
 - Public Right of Way - existing
 - Public Right of Way - proposed
 - Public Right of Way - closed
 - Public Right of Way - proposed by others
 - Public Right of Way - closed by others
 - EWR planned active travel route
 - EWR planned active travel route (suitable for equestrians)
 - Planned route by others
 - River diversion
 - Permanent highway (public and private)
 - Engineering earthworks
 - Maintenance compound
 - Station or other building
 - Work by others
 - Drainage ditch
 - Drainage pond
 - Drainage attenuation tank (below ground)
 - Drainage pumping station
 - Noise barrier
 - Proposed line of trees or hedgerow
 - Enhanced line of trees or hedgerow
 - Retained line of trees or hedgerow
 - Flood compensation area
 - Proposed grassland
 - Proposed grassland and scattered trees
 - Proposed woodland
 - Proposed wetland
 - Retained habitat (See note below)
 - Enhanced habitat (See note below)
- Where hatching appears over the environmental mitigation this indicates either retained mitigation (vertical lines) or enhanced mitigation (crosshatch)

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PROPOSAL FOR CONSULTATION

EAST WEST RAIL
Permanent Plan and Profile Drawings

Fenny Stratford to Kempston
Route Section 2
Sheet 08