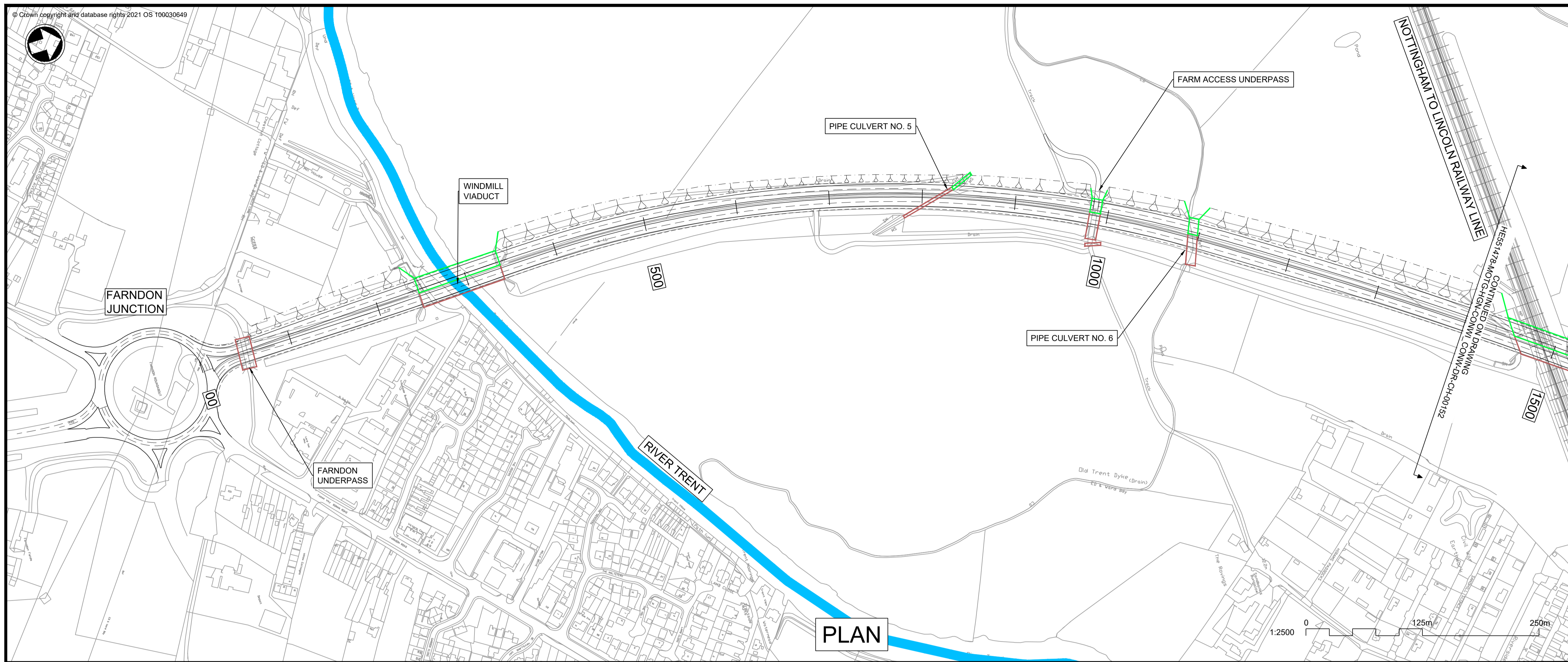


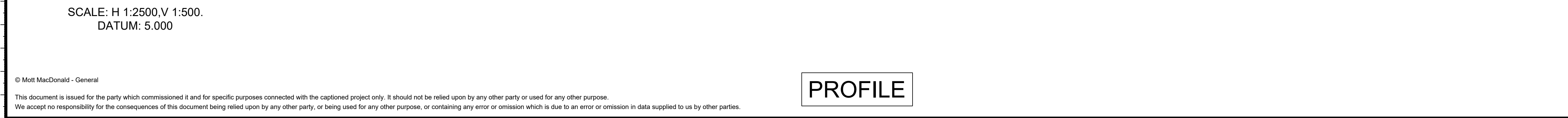
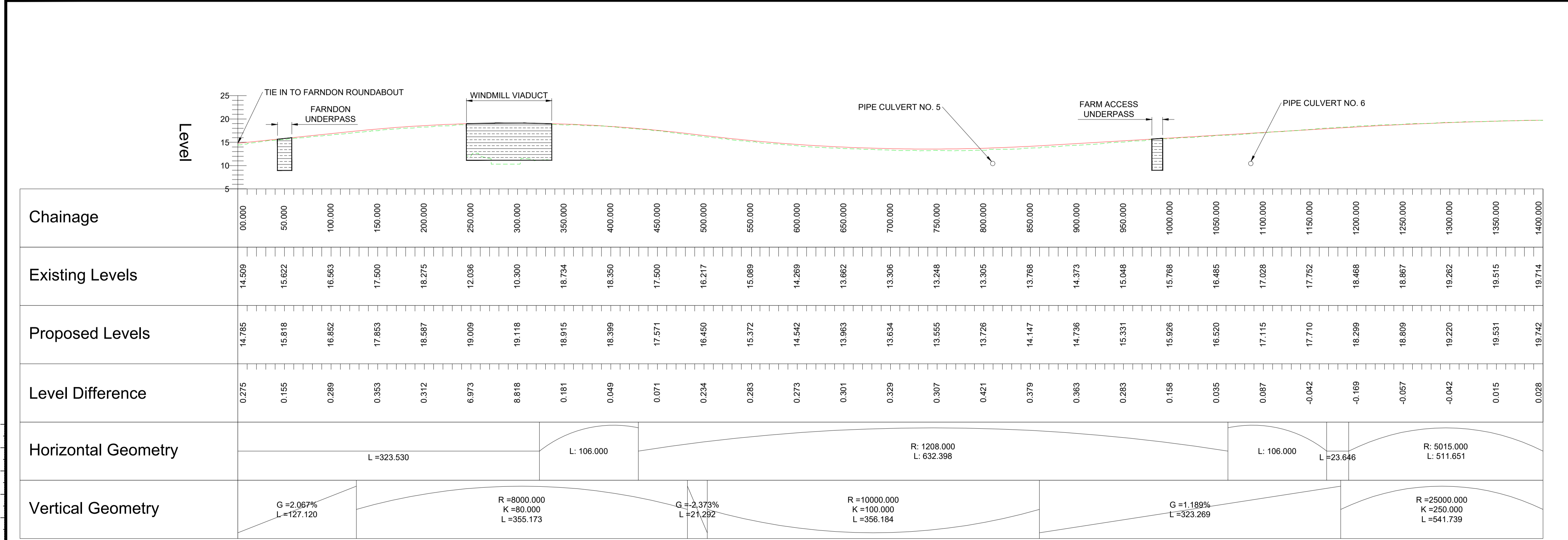
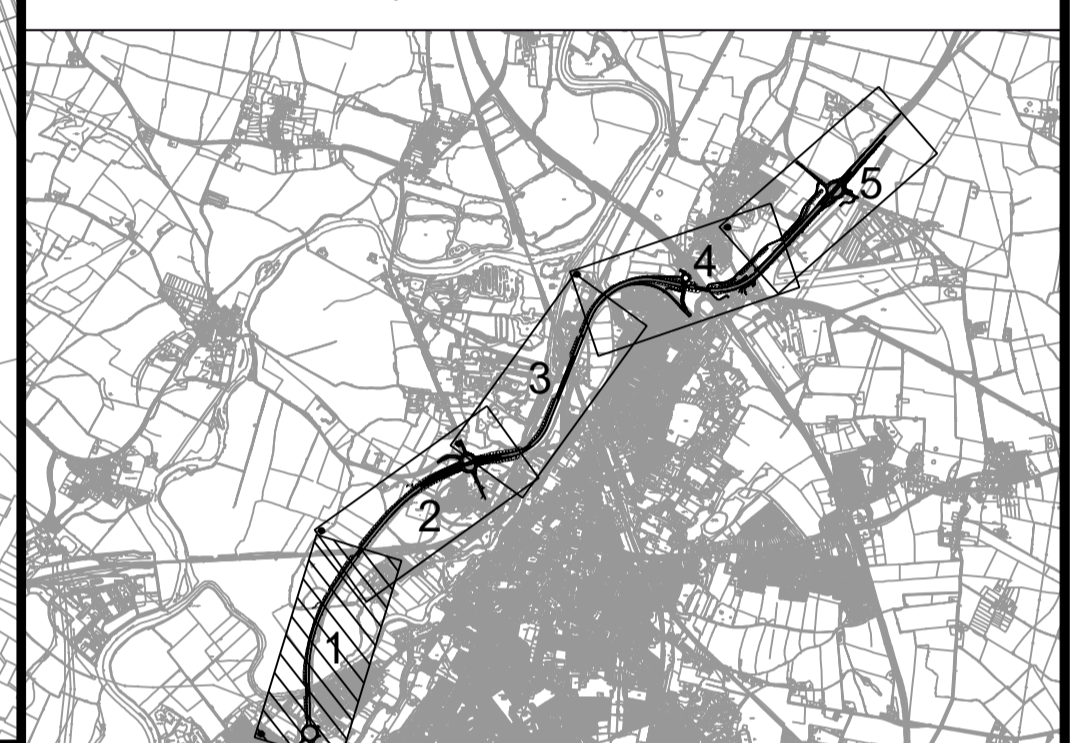
A46

Newark Bypass

Plan and Profile Drawings



- Notes**
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- Profile View Key:**
- Existing Ground
 - New Proposed Road Level
 - Proposed Structure
- Plan View Key:**
- Existing Structure
 - Proposed Structure
 - Proposed Design Alignment
 - Proposed Design Chainage
 - Proposed Embankment
 - Proposed Cutting
 - River
 - Railway Line



REV.	DATE	AMENDMENT DETAILS	MH	EJ	RH
P01	21/10/22	FOR STATUTORY CONSULTATION			

Project's Promoter
national highways

Supported by
SKANSKA **MOTT MACDONALD**

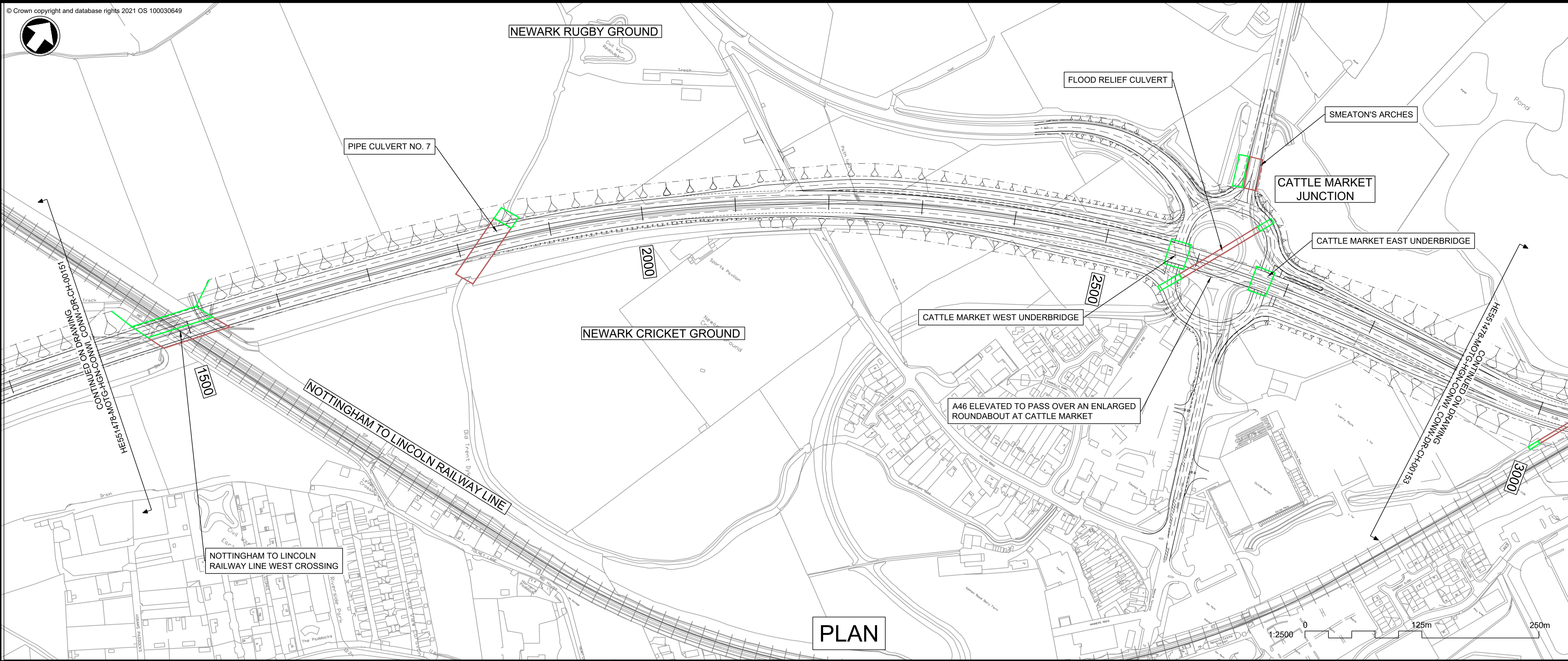
Drawing Status	Suitable for Review & Comment	Status	S3
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Project Title
A46 Newark Bypass

Drawing Title
**Plan and Profile - Sheet 1 of 5
For Statutory Consultation**

Scale	1:2500	Designed	JS	Drawn	MH	Checked	EJ	Approved	RH
Original Size	A1	Date	21/10/22	Date	21/10/22	Date	21/10/22	Date	21/10/22
Drawing Number	HE551478 - MOTG - HGN -	Originator	CONWI_CONW - DR - CH -	Volume	00151	Project Ref. No. HE551478			
Location	CONWI_CONW - DR - CH -	Type	00151	Role	Number	Revision P01			

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PLAN

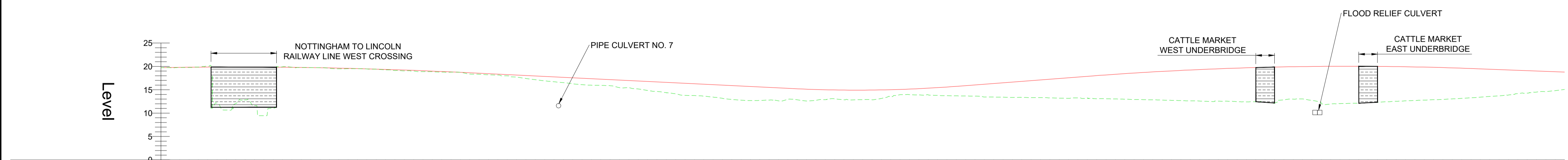
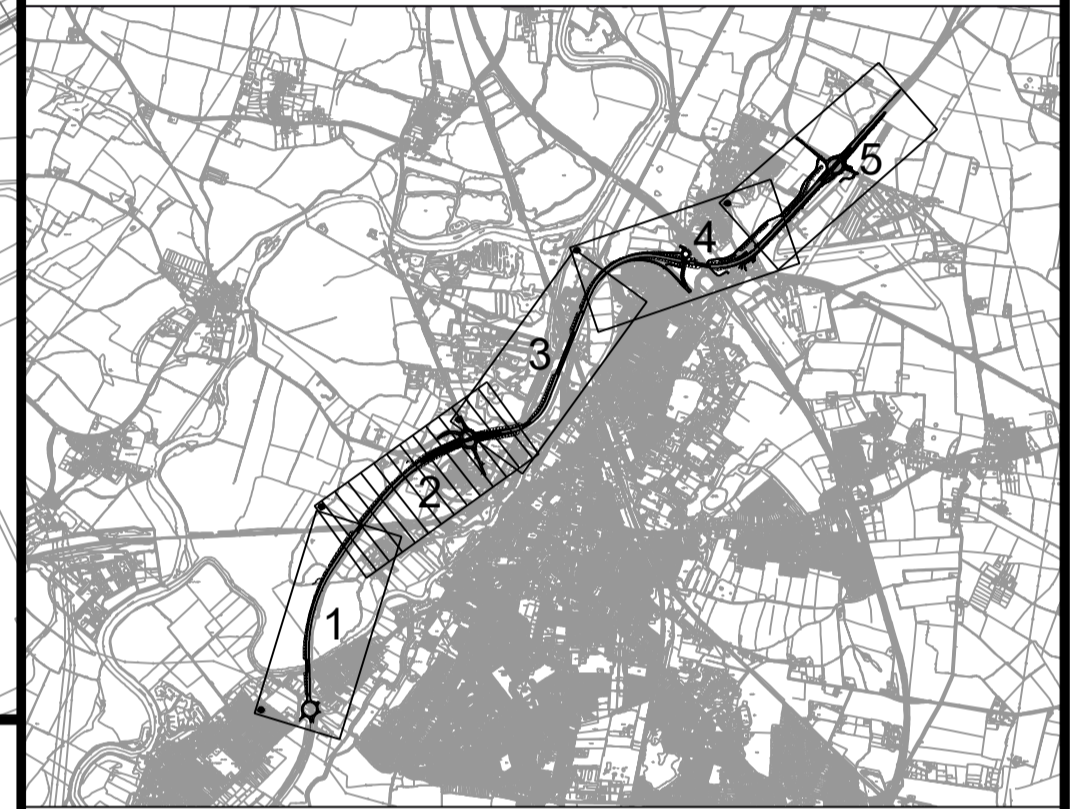
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Profile View Key:

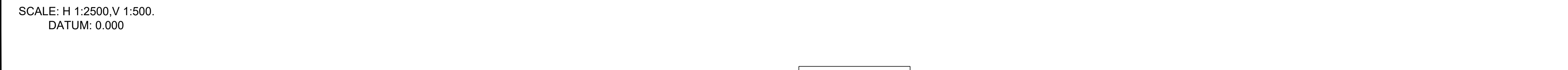
- Existing Ground
- New Proposed Road Level
- Proposed Structure

Plan View Key:

- Existing Structure
- Proposed Structure
- Proposed Design Alignment
- Proposed Design Chainage
- Proposed Embankment
- Proposed Cutting
- River
- Railway Line

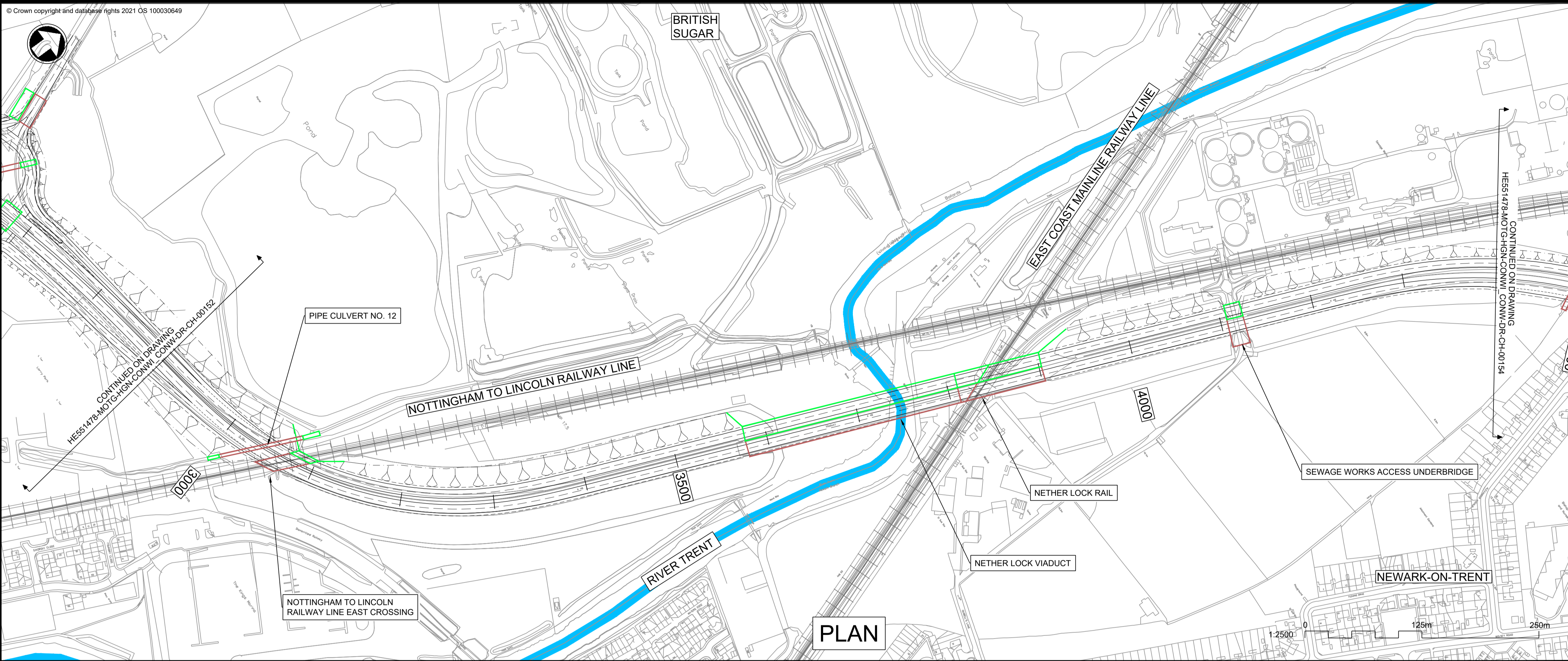


Chainage	Existing Levels	Proposed Levels	Level Difference
1400.000	19.714	19.742	0.028
1450.000	20.048	19.852	-0.196
1500.000	11.610	19.863	8.253
1550.000	19.758	19.774	0.016
1600.000	19.500	19.585	0.084
1650.000	19.117	19.295	0.178
1700.000	18.788	18.906	0.118
1750.000	18.204	18.430	0.225
1800.000	17.155	17.941	0.786
1850.000	16.098	17.452	1.353
1900.000	15.451	16.963	1.512
1950.000	14.130	16.474	2.344
2000.000	13.161	15.985	2.824
2050.000	12.799	15.497	2.697
2100.000	12.736	15.063	2.317
2150.000	12.889	14.922	2.034
2200.000	13.963	15.149	1.186
2250.000	13.697	15.733	2.036
2300.000	13.406	16.347	3.095
2350.000	13.268	17.270	4.002
2400.000	13.089	18.035	4.946
2450.000	12.889	18.706	5.817
2500.000	12.637	19.239	6.602
2550.000	12.461	19.635	7.174
2600.000	12.843	19.894	7.051
2650.000	11.941	20.015	8.074
2700.000	12.336	19.999	7.663
2750.000	12.782	19.846	7.063
2800.000	13.284	19.555	6.271
2850.000	14.197	19.176	4.979
2900.000	15.057	18.785	3.729

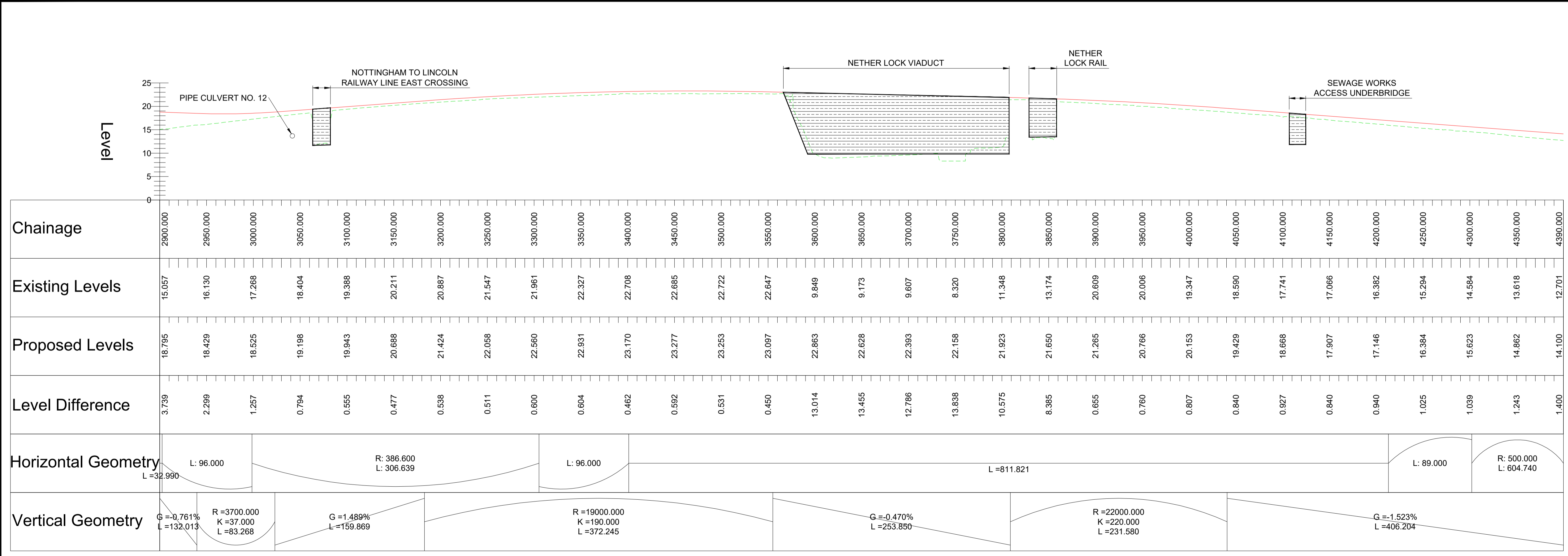
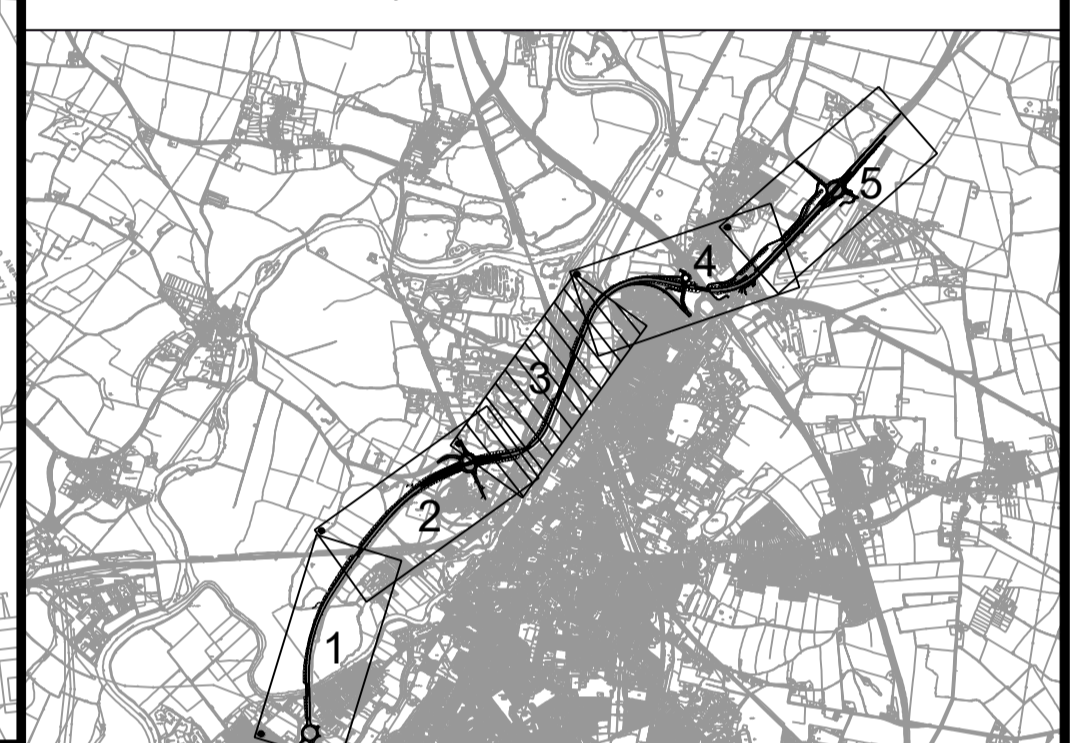


PROFILE

P01	21/10/22	FOR STATUTORY CONSULTATION	MH	EJ	RH
REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D
Project's Promoter					
Supported by					
Drawing Status		Suitable for Review & Comment		Status S3	
Project Title					
A46 Newark Bypass					
Drawing Title					
Plan and Profile - Sheet 2 of 5 For Statutory Consultation					
Scale	1:2500	Designed	JS	Drawn	MH
Original Size	A1	Date	21/10/22	Date	21/10/22
Checked	EJ	Approved	RH		
Drawing Number	HE551478	Originator	MOTG	Volume	HGN
Project Ref. No.	HE551478				
Location	CONWI_CONW	Type	DR - CH	Number	00152
Revision	P01				

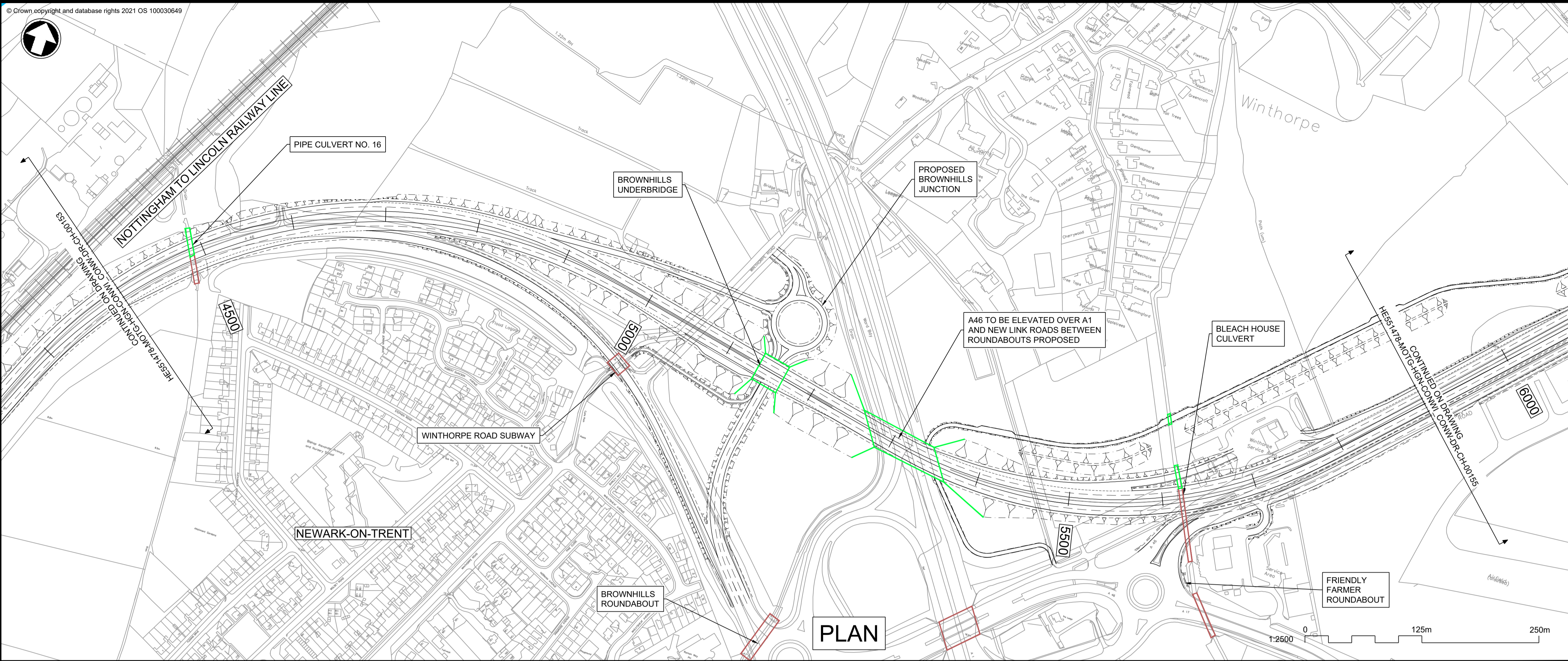


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- Profile View Key:**
- Existing Ground
 - New Proposed Road Level
 - Proposed Structure
- Plan View Key:**
- Existing Structure
 - Proposed Structure
 - Proposed Design Alignment
 - Proposed Design Chainage
 - Proposed Embankment
 - Proposed Cutting
 - River
 - Railway Line



SCALE: H 1:2500, V 1:500.
DATUM: 0.000

P01	21/10/22	FOR STATUTORY CONSULTATION	MH	EJ	RH
REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D
Project's Promoter					
Supported by					
Drawing Status			Status		
Suitable for Review & Comment			S3		
Project Title					
A46 Newark Bypass					
Drawing Title					
Plan and Profile - Sheet 3 of 5 For Statutory Consultation					
Scale	Designed	Drawn	Checked	Approved	
1:2500	JS	MH	EJ	RH	
Original Size	Date	Date	Date	Date	
A1	21/10/22	21/10/22	21/10/22	21/10/22	
Drawing Number	Originator	Volume	Project Ref. No.		
HE551478 - MOTG	- HGN -		HE551478		
CONWI_CONW	- DR - CH -	00153	Revision		
Location	Type	Role	Number		
			P01		



PLAN

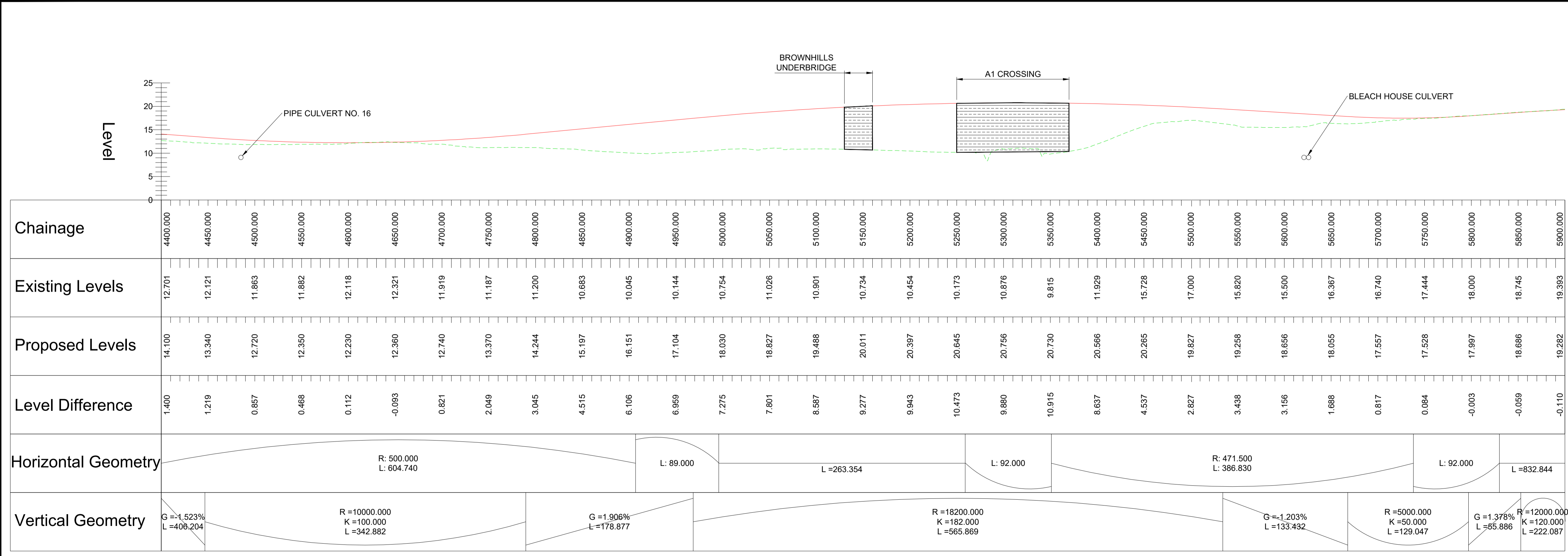
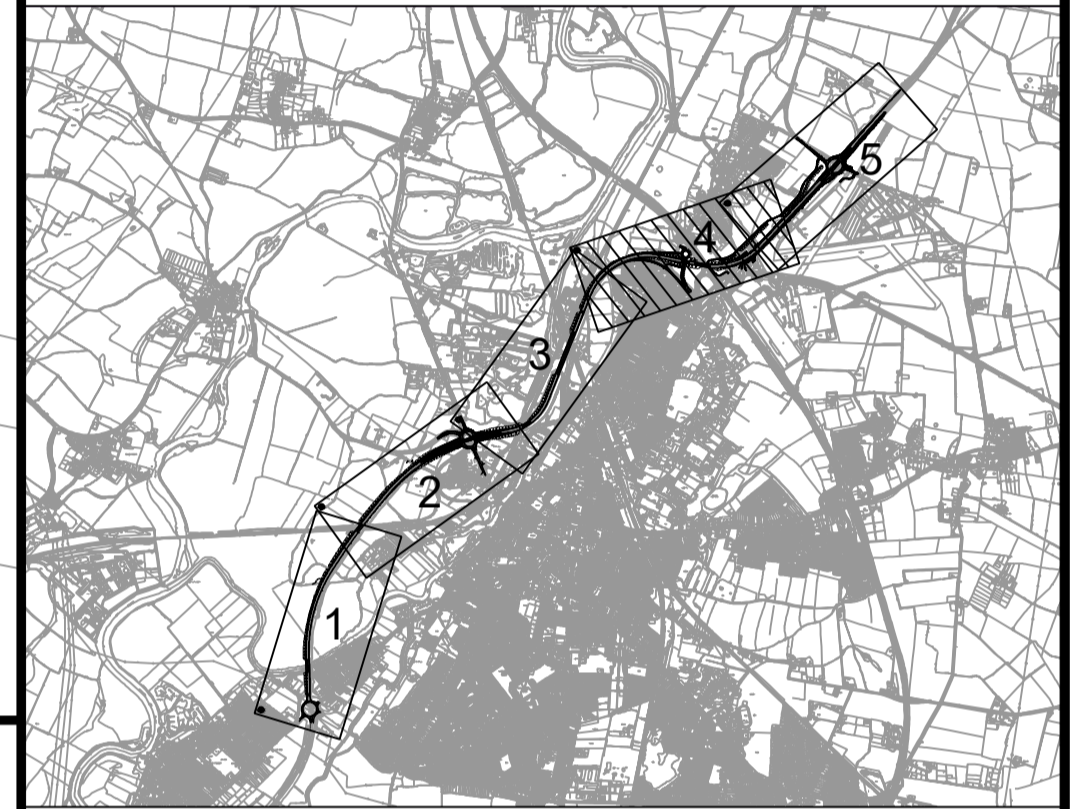
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Profile View Key:

- Existing Ground
- New Proposed Road Level
- Proposed Structure

Plan View Key:

- Existing Structure
- Proposed Structure
- Proposed Design Alignment
- Proposed Design Chainage
- Proposed Embankment
- Proposed Cutting
- River
- Railway Line

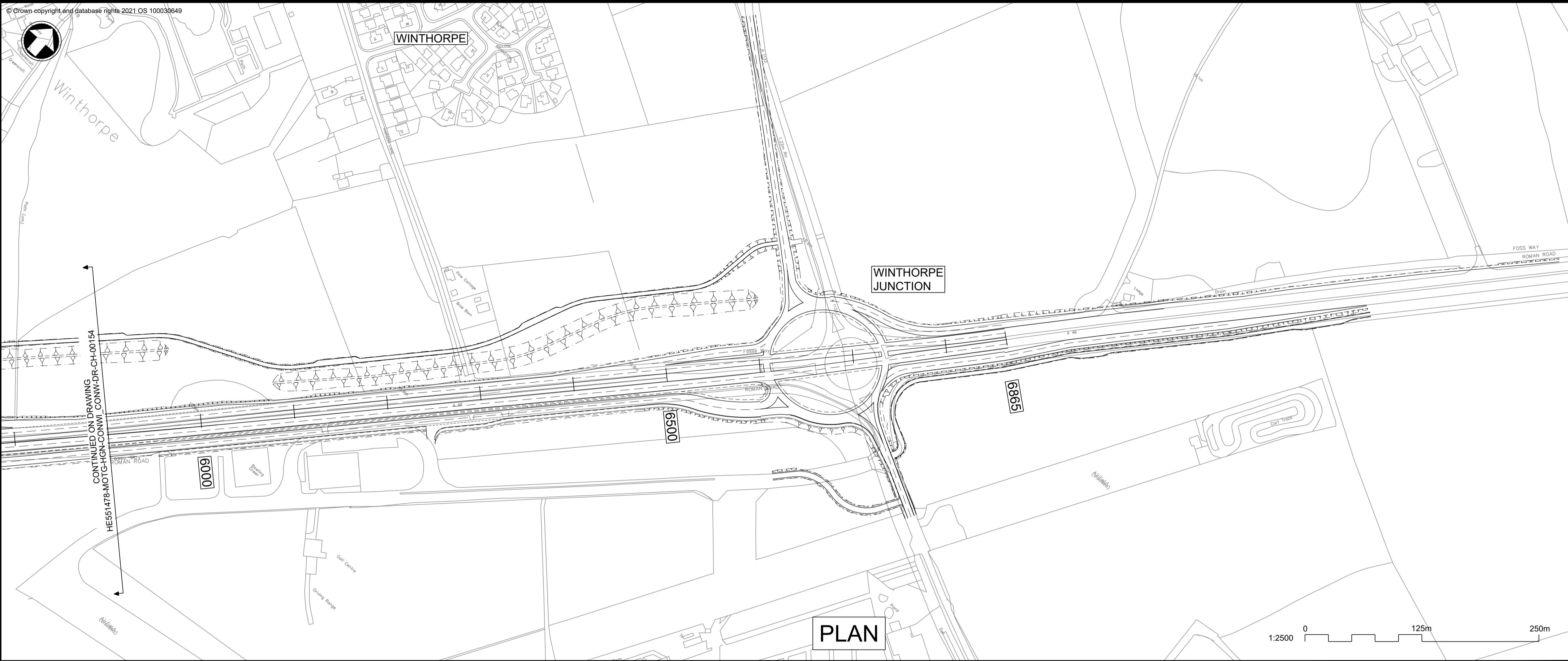


PROFILE

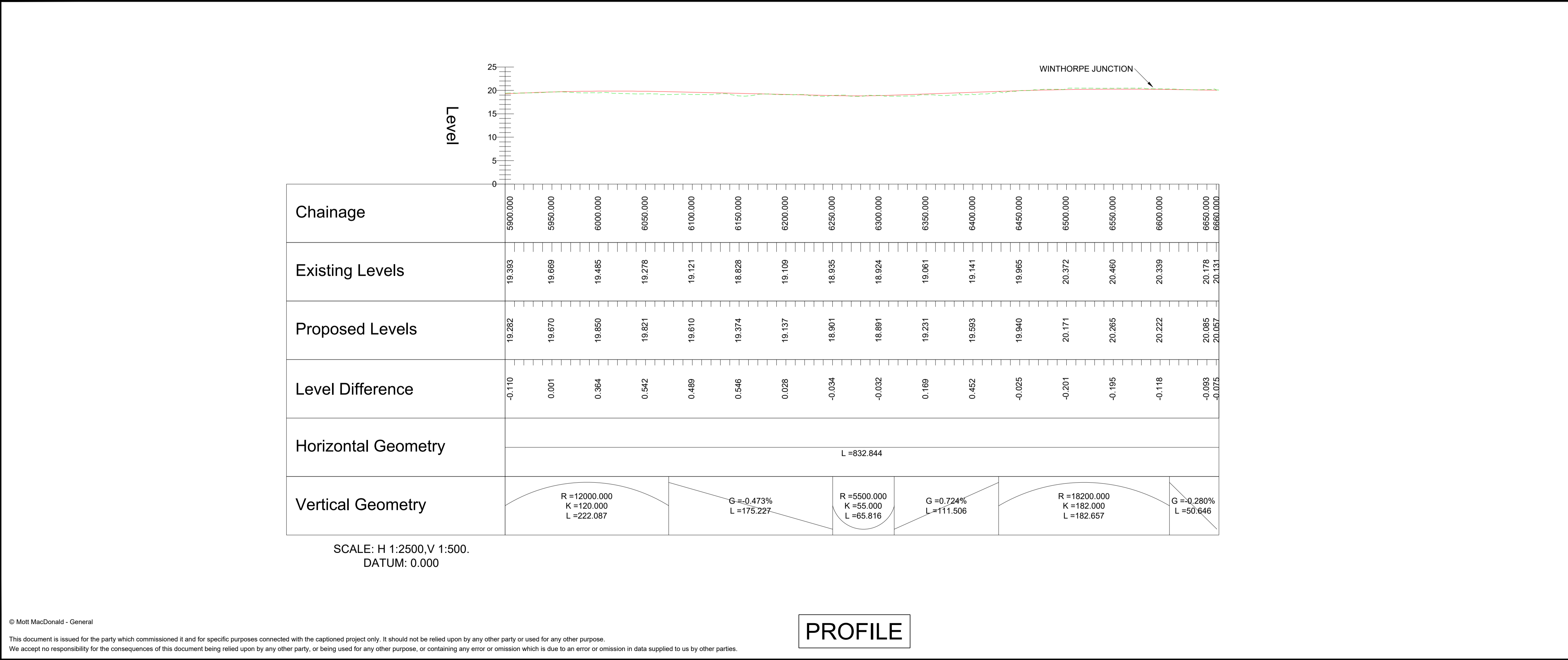
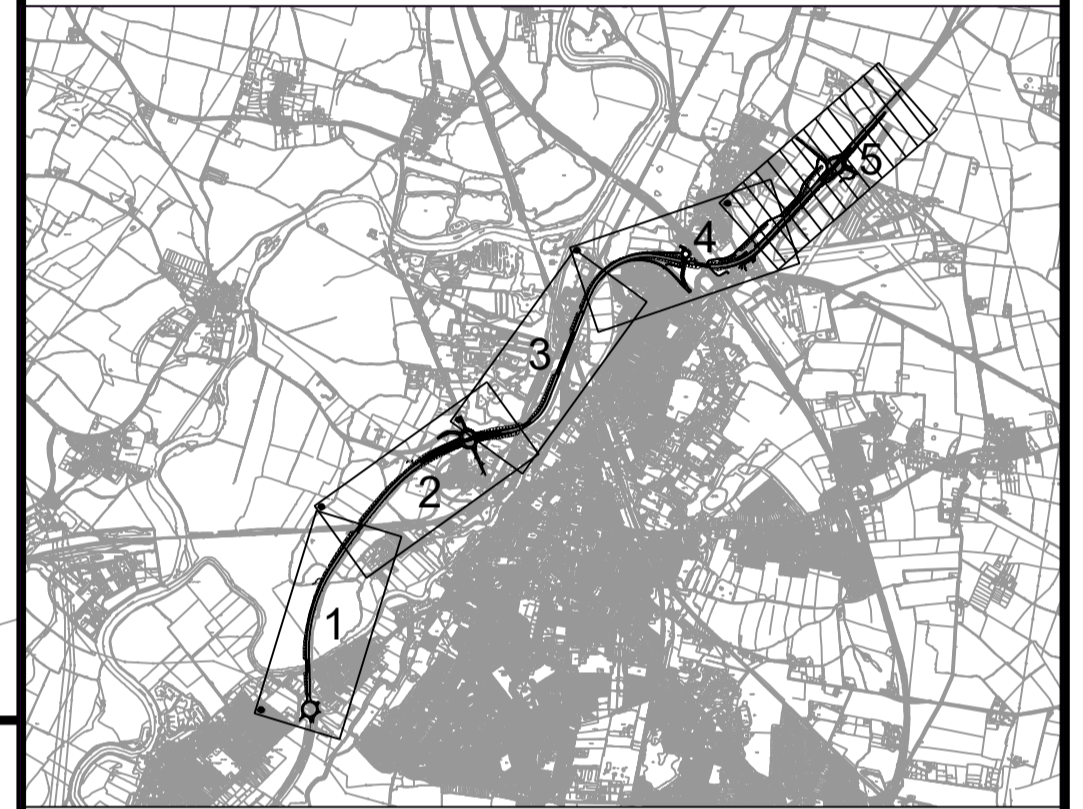
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Existing Levels	12.701	12.121	11.863	11.882	12.118	12.321	11.919	11.187	11.200	10.683	10.045	10.144	10.754	11.026	10.901	10.734	10.454	10.173	10.876	9.815	11.929	15.728	17.000	15.820	15.500	16.367	16.740	17.444	18.000	18.745	19.393
Proposed Levels	14.100	13.340	12.720	12.350	12.230	12.360	12.740	13.370	14.244	15.197	16.151	17.104	18.030	18.827	19.488	20.011	20.397	20.645	20.756	20.730	20.566	20.265	19.827	19.258	18.656	18.055	17.557	17.528	17.997	18.686	19.282
Level Difference	1.400	1.219	0.857	0.468	0.112	-0.093	0.821	2.049	3.045	4.515	6.106	6.959	7.275	7.801	8.587	9.277	9.943	10.473	9.880	10.915	8.637	4.537	2.827	3.438	3.156	1.688	0.817	0.084	-0.003	-0.059	-0.110
Horizontal Geometry	R: 500.000 L: 604.740										L: 89.000			L = 263.354			L: 92.000			R: 471.500 L: 386.830			L: 92.000			L = 832.844					
Vertical Geometry	G = -1.523% L = 408.204		R = 10000.000 K = 100.000 L = 342.882					G = 1.906% L = 178.877			R = 18200.000 K = 182.000 L = 565.869			G = -1.203% L = 133.432			R = 5000.000 K = 50.000 L = 129.047			G = 1.378% L = 65.886		R = 12000.000 K = 120.000 L = 222.087									

SCALE: H 1:2500, V 1:500.
DATUM: 0.000

P01	21/10/22	FOR STATUTORY CONSULTATION	MH	EJ	RH
REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D
Project's Promoter					
Supported by					
Drawing Status			Status		
Suitable for Review & Comment			S3		
Project Title					
A46 Newark Bypass					
Drawing Title					
Plan and Profile - Sheet 4 of 5 For Statutory Consultation					
Scale	Designed	Drawn	Checked	Approved	
1:2500	JS	MH	EJ	RH	
Original Size	Date	Date	Date	Date	
A1	21/10/22	21/10/22	21/10/22	21/10/22	
Drawing Number	Originator	Volume	Project Ref. No.		
HE551478 - MOTG	- HGN -		HE551478		
CONWI_CONW	- DR - CH -	00154	Revision		
Location	Type	Role	Number		
			P01		



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HE551478-MOTG-HGN-CONWI_CONW-DR-CH-00101 - 108.
- Profile View Key:**
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 - New Proposed Road Level
 - Proposed Structure
- Plan View Key:**
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 - Proposed Structure
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 - Proposed Cutting
 - River
 - Railway Line



P01	21/10/22	FOR STATUTORY CONSULTATION	MH	EJ	RH
REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D
Project's Promoter					
Supported by					
Drawing Status			Status		
Suitable for Review & Comment			S3		
Project Title					
A46 Newark Bypass					
Drawing Title					
Plan and Profile - Sheet 5 of 5 For Statutory Consultation					
Scale	Designed	Drawn	Checked	Approved	
1:2500	JS	MH	EJ	RH	
Original Size	Date	Date	Date	Date	
A1	21/10/22	21/10/22	21/10/22	21/10/22	
Drawing Number	Originator	Volume	Project Ref. No.		
HE551478 - MOTG	- HGN -		HE551478		
CONWI_CONW	- DR - CH -	00155	Revision		
Location	Type	Role	Number		
			P01		

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