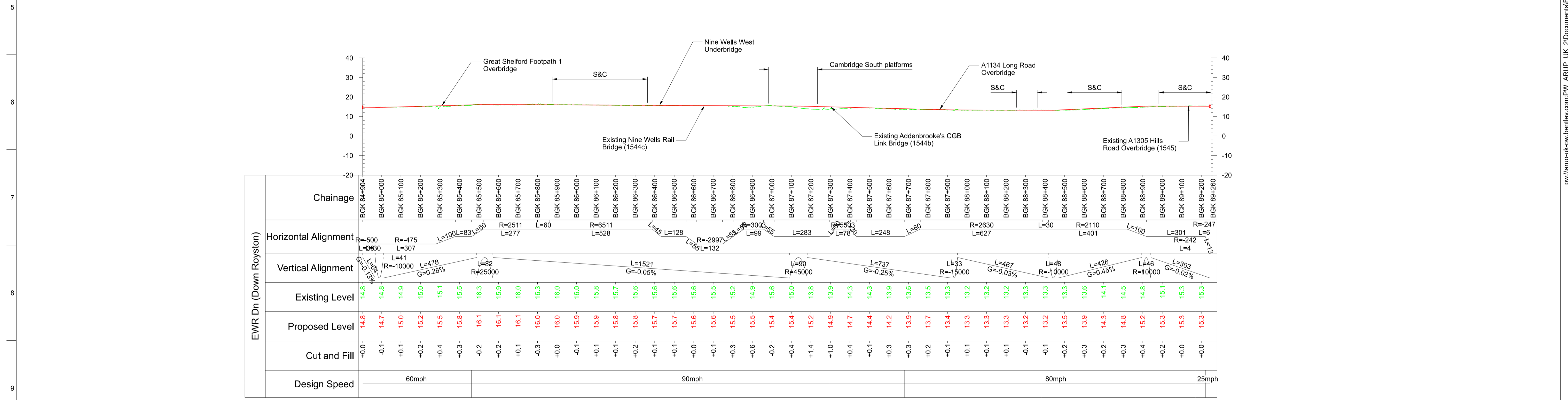
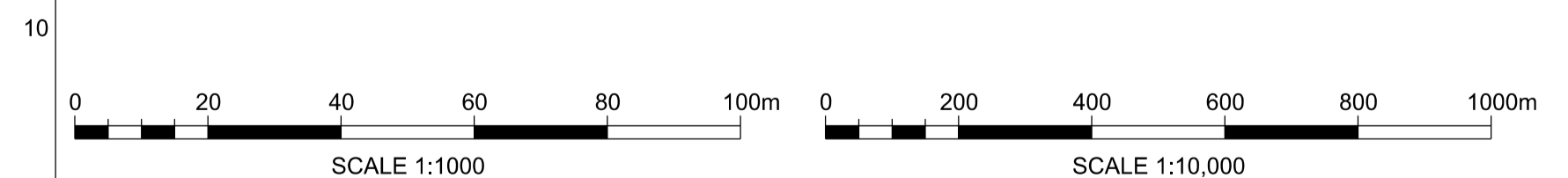


PLAN  
SCALE 1:10,000 @ A1



PROFILE  
SCALE H:1:10,000 V:1:1000 @ A1

EWIR Dn (Down Royston)	Chainage	Chainage																																											
		BGK 84+904	BGK 85+000	BGK 85+100	BGK 85+200	BGK 85+300	BGK 85+400	BGK 85+500	BGK 85+600	BGK 85+700	BGK 85+800	BGK 85+900	BGK 86+000	BGK 86+100	BGK 86+200	BGK 86+300	BGK 86+400	BGK 86+500	BGK 86+600	BGK 86+700	BGK 86+800	BGK 86+900	BGK 87+000	BGK 87+100	BGK 87+200	BGK 87+300	BGK 87+400	BGK 87+500	BGK 87+600	BGK 87+700	BGK 87+800	BGK 87+900	BGK 88+000	BGK 88+100	BGK 88+200	BGK 88+300	BGK 88+400	BGK 88+500	BGK 88+600	BGK 88+700	BGK 88+800	BGK 88+900	BGK 89+000	BGK 89+100	BGK 89+200
Horizontal Alignment		R=500 L=360	R=475 L=307	L=100 L=83 L=60	R=2511 L=277	L=60	R=6511 L=528	L=45 L=128	R=2997 L=355 L=132	R=3000 L=65	L=283	R=5500 L=78	L=248	L=80	R=2630 L=627	L=30	R=2110 L=401	L=100	L=301	R=242 L=4	L=6	R=247																							
Vertical Alignment		G=0.13%	L=41 R=10000	L=478 G=0.28%	L=82 R=25000	L=1521 G=-0.05%	L=90 R=45000	L=737 G=-0.25%	L=33 R=15000	L=467 G=-0.03%	L=48 R=10000	L=428 G=0.45%	L=46 R=10000	L=303 G=-0.02%																															
Existing Level		14.8	14.8	14.9	15.0	15.1	15.5	15.5	16.3	15.9	16.0	16.3	16.0	16.0	15.9	15.9	15.8	15.7	15.6	15.5	15.2	14.9	15.6	15.0	13.8	13.9	13.6	13.5	13.3	13.2	13.2	13.2	13.2	13.3	13.3	13.3	13.6	14.1	14.5	14.8	15.1	15.3	15.3		
Proposed Level		14.8	14.7	15.0	15.2	15.5	15.8	16.1	16.1	16.1	16.0	16.0	16.0	15.9	15.9	15.8	15.8	15.8	15.6	15.5	15.5	15.5	15.5	15.4	15.4	15.2	14.9	14.7	14.4	14.2	13.9	13.6	13.2	13.2	13.2	13.3	13.3	13.5	13.9	14.3	14.8	15.2	15.3	15.3	
Cut and Fill		+0.0	-0.1	+0.1	+0.2	+0.4	+0.3	-0.2	+0.2	+0.1	-0.3	+0.0	-0.1	+0.1	+0.1	+0.2	+0.1	+0.1	+0.1	+0.1	+0.3	+0.6	-0.2	+0.4	+1.4	+1.0	+0.4	+0.1	+0.3	+0.3	+0.2	+0.1	+0.1	+0.1	+0.1	-0.1	+0.2	+0.3	+0.2	+0.3	+0.4	+0.2	+0.0	+0.0	
Design Speed		60mph						90mph										80mph						25mph																					



1. This drawing has been produced to convey the snapshot of the project design at the completion of Arup & Partner's Engineering Partner Contract, for those who are unable to access the model within the CDE. The overall temporary construction boundary shown is indicative and intended to act as a guide and envelope the geographical extent of the works (the overall temporary construction boundary and the limit of the permanent works) as they currently stand. The boundary should not be used for the project's Statutory Consultation, as it will be subject to further development/refinement by EWR Co. in particular in respect of land and property boundaries. Additional detail is provided within the native design model and the associated documentation prepared for EWR Co that records the level of design development, assumptions and limitations. The design proposals for the scheme are work in progress and will be developed further by EWR Co and their designers.  
2. For further information on environment mitigation (requirement, function) please refer to the Environment Mitigation Register.

**Plan Legend:**

- Preferred alignment
- Chainage
- New permanent highway (public and private)
- Existing public rights of way
- Proposed public rights of way and side road non-motorised road users
- Extent of public right of way closure
- Engineering earthworks
- Landscape earthworks
- New ditches
- Balancing pond
- Balancing pond earthworks
- Other drainage
- Replacement floodplain storage area
- Replacement floodplain storage area earthworks
- Woodland habitat creation
- Woodland habitat enhancement
- Grassland habitat creation
- Grassland habitat enhancement
- Construction & logistic sites
- Station, depot or other building
- Traction Power Compound
- Noise barrier
- Hedgerow habitat creation
- Hedgerow habitat enhancement
- Scrub habitat creation
- Scrub habitat enhancement
- Wetland habitat creation
- Wetland habitat enhancement
- Replacement public open space
- Preliminary utilities diversion
- Utilities construction zone
- Overall temporary construction boundary
- Limit of permanent works

**ARUP & Partners**

8 Fitzroy Street  
London W1T 4BJ  
Tel +44 20 7636 1531 Fax +44 20 7580 3924  
www.arup.com

**east west RAIL**

Project Title  
**EWR Engineering Partner**

Scale at A1: 1:10000 Anup Job No: 270741-00

Role: Civil Engineer

Suitability: S3 - Suitable for Review & Comment

Rev	By	Chkd	Appd	Auth
P01	LK	SB	LG	--
Date	21/01/22	Date	21/01/22	Date
		Date	21/01/22	Date

Name: **EWR\_PGM-ARU- ZZ - XX - SC - C - 000511**

Project	Originator	Volume	Location	Type	Role	Number
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