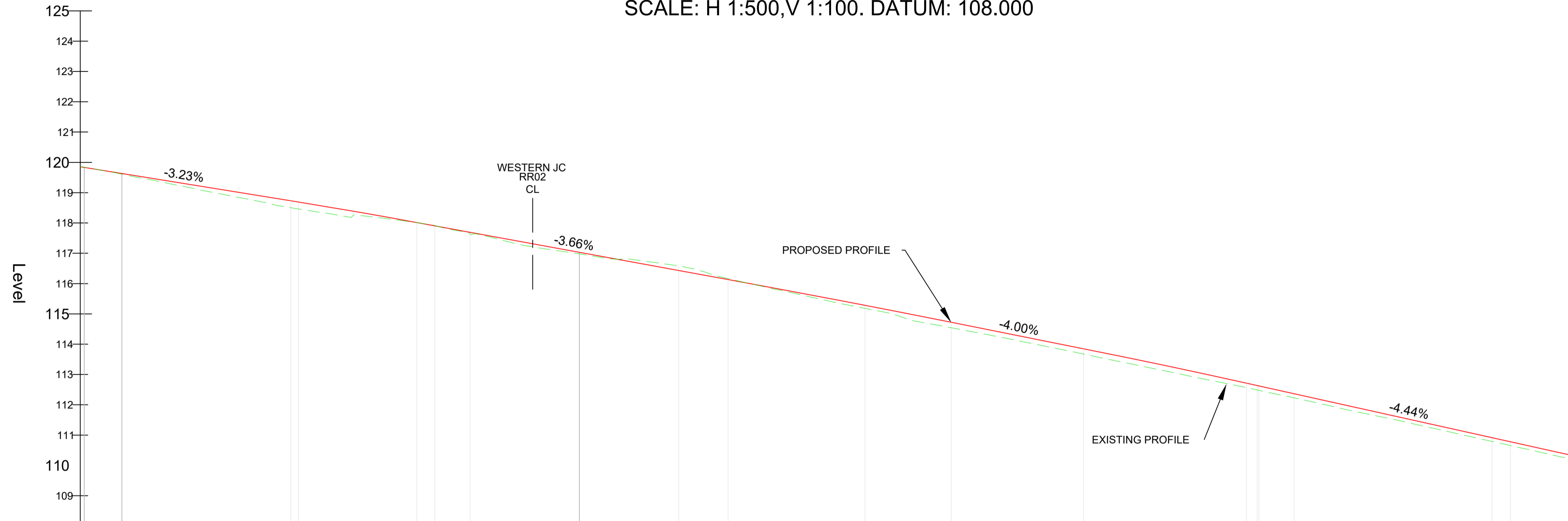


- NOTES
1. THE HIGHWAY AUTHORITY IS HERTFORDSHIRE COUNTY COUNCIL EXCEPT FOR THE M1 SLIP ROADS WHERE NATIONAL HIGHWAYS ARE THE HIGHWAY AUTHORITY.
  2. ANY DISCREPANCIES ON SITE MUST BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.
  3. ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE APPROVED CONTRACT DRAWINGS WITHIN APPENDIX 0/4, THE ROADS IN HERTFORDSHIRE: HIGHWAY DESIGN GUIDE AND THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS (SHW) VOLUME 1 AND SPECIFICATION APPENDICES.
  4. PLEASE REFER TO DRAWING EHUJ-VEC-ZZZ-XXX-SK-CR-10086.1 FOR ALIGNMENT LONG SECTION LOCATION PLAN.

KEY

--- EXISTING GROUND PROFILE  
 --- PROPOSED GROUND PROFILE

RR01- REDBOURN ROAD CL LONGSECTION (PART 1)  
 SCALE: H 1:500, V 1:100. DATUM: 108.000



SEE SHEET 00082.14 FOR RR02 LONGSECTION CHAINAGES 250-514

Chainage	0.00	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	200.000	210.000	220.000	230.000	240.000	250.000		
Existing Levels	119.863	119.606	119.208	118.809	118.430	118.228	117.965	117.564	117.137	116.826	116.632	116.159	115.713	115.279	114.788	114.415	114.020	113.610	113.197	112.785	112.364	111.924	111.502	111.053	110.604	110.153		
Proposed Levels	119.854	119.627	119.304	118.981	118.657	118.318	117.959	117.593	117.226	116.860	116.494	116.127	115.756	115.376	114.987	114.589	114.189	113.788	113.378	112.951	112.509	112.065	111.621	111.177	110.732	110.286		
Level Difference	-0.009	0.022	0.085	0.172	0.227	0.091	-0.006	0.029	0.089	0.034	-0.139	-0.032	0.044	0.087	0.199	0.174	0.169	0.178	0.181	0.166	0.145	0.140	0.118	0.124	0.129	0.133		
Horizontal Geometry	R=281.851 L=13.382		L=29.117		R=145.409 L=22.512		L=5.819		L=18.038		L=16.385		L=30.734				L=64.702				R=720.000 L=5.789		R=720.000 L=32.665		R=1026.000 L=3.082		R=1026.000 L=24.149	
Vertical Geometry	G=-3.234% L=35.726			R=4837.064 K=48.371 L=20.796			G=-3.664% L=51.343			R=10952.735 K=109.527 L=36.811			G=-4.000% L=21.830			R=6098.742 K=60.987 L=26.891			G=-4.441% L=53.006									

P01	FIRST ISSUE	07.11.25	JB	NL	AB
Rev	Amendments	Date	By	Chk	Auth



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Drawing Status & Suitability Code  
 FOR PLANNING SUBMISSION S2

Client  
 THE CROWN ESTATE

Project  
 EAST HEMEL HEMPSTEAD

Drawing Title  
 DETAILED PLANNING - REDBOURN ROAD  
 LONG SECTION PLAN, SHEET 1

Scale  
 1:500 @ A1  
 SLR Project No.  
 425.065533.00001

Designed	Drawn	Checked	Authorised
JB	JB	NL	AB
Date	Date	Date	Date
14.10.25	14.10.25	14.10.25	14.10.25

Drawing Number  
 EHUJ-VEC-ZZZ-XXX-SK-CR-00082.13

Rev  
 P01

