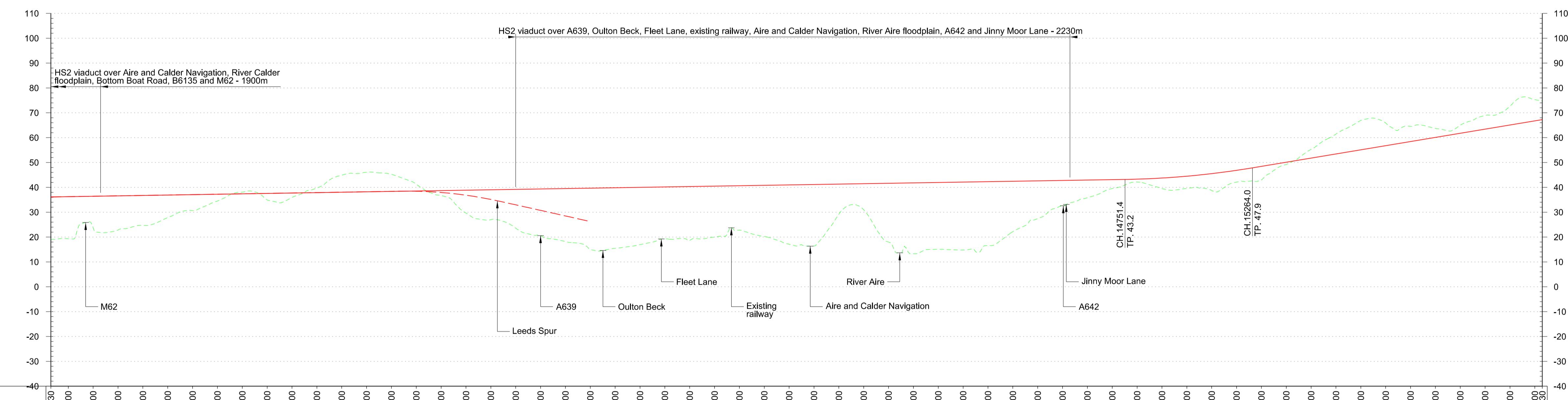


Plan

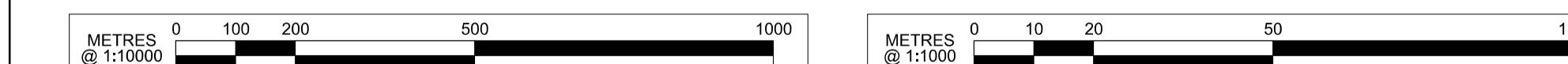
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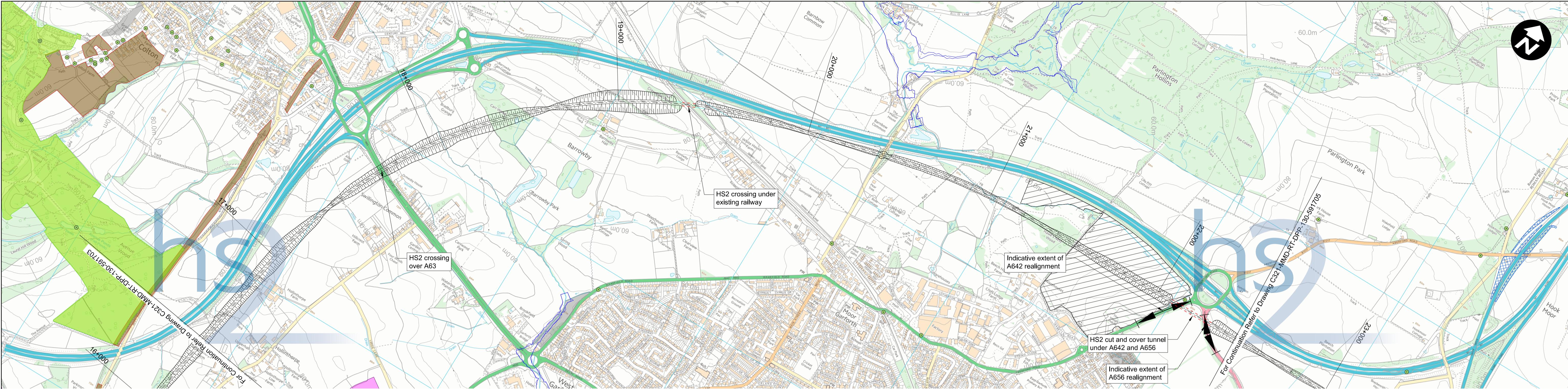
	Chainage	Horizontal Alignment	Vertical Alignment	Existing Level	Proposed Level	Cut and Fill	Design Speed
	10+430						
	+17.2	+17.0		18.9	36.1		
	36.3	36.4		19.3	36.4		
	+12.6	+12.0		23.8	24.7		
	36.6	36.9		22.8	27.8		
	+13.8	+9.1		30.7	37.1		
	-0.7	-6.4		30.7	37.1		
	+2.7	+2.7		34.5	37.2		
	37.4	37.6		38.1	35.0		
	-6.8	+2.6		44.9	41.3		
	-2.8	+2.6		45.3	41.3		
	+1.8	+1.8		37.7	37.7		
	-1.9	-1.9		39.8	39.8		
	+2.7	+2.7		46.1	46.1		
	-7.9	-7.9		38.2	38.2		
	+9.2	+9.2		45.3	45.3		
	-6.9	-6.9		38.4	38.4		
	-2.8	-2.8		41.3	41.3		
	+2.0	+2.0		36.7	38.7		
	-11.200	-11.200		11+100	11+100		
	+11.300	+11.300		11+200	11+200		
	+13.121	+13.121		11+300	11+300		
	-11.400	-11.400		11+400	11+400		
	-11.500	-11.500		11+500	11+500		
	+11.600	+11.600		11+600	11+600		
	-11.700	-11.700		11+700	11+700		
	+11.800	+11.800		11+800	11+800		
	-11.900	-11.900		11+900	11+900		
	+12.000	+12.000		12+000	12+000		
	-12.100	-12.100		12+100	12+100		
	+12.200	+12.200		12+200	12+200		
	-12.300	-12.300		12+300	12+300		
	+12.400	+12.400		12+400	12+400		
	-12.500	-12.500		12+500	12+500		
	+12.600	+12.600		12+600	12+600		
	-12.700	-12.700		12+700	12+700		
	+12.800	+12.800		12+800	12+800		
	-12.900	-12.900		12+900	12+900		
	+13.000	+13.000		13+000	13+000		
	-13.100	-13.100		13+100	13+100		
	+13.200	+13.200		13+200	13+200		
	-13.300	-13.300		13+300	13+300		
	+13.400	+13.400		13+400	13+400		
	-13.500	-13.500		13+500	13+500		
	+13.600	+13.600		13+600	13+600		
	-13.700	-13.700		13+700	13+700		
	+13.800	+13.800		13+800	13+800		
	-13.900	-13.900		13+900	13+900		
	+14.000	+14.000		14+000	14+000		
	-14.100	-14.100		14+100	14+100		
	+14.200	+14.200		14+200	14+200		
	-14.300	-14.300		14+300	14+300		
	+14.400	+14.400		14+400	14+400		
	-14.500	-14.500		14+500	14+500		
	+14.600	+14.600		14+600	14+600		
	-14.700	-14.700		14+700	14+700		
	+14.800	+14.800		14+800	14+800		
	-14.900	-14.900		14+900	14+900		
	+15.000	+15.000		15+000	15+000		
	-15.100	-15.100		15+100	15+100		
	+15.200	+15.200		15+200	15+200		
	-15.300	-15.300		15+300	15+300		
	+15.400	+15.400		15+400	15+400		
	-15.500	-15.500		15+500	15+500		
	+15.600	+15.600		15+600	15+600		
	-15.700	-15.700		15+700	15+700		
	+15.800	+15.800		15+800	15+800		
	-15.900	-15.900		15+900	15+900		
	+16.000	+16.000		16+000	16+000		
	-16.100	-16.100		16+100	16+100		
	+16.200	+16.200		16+200	16+200		
	-16.300	-16.300		16+300	16+300		
	+16.400	+16.400		16+400	16+400		

Profile

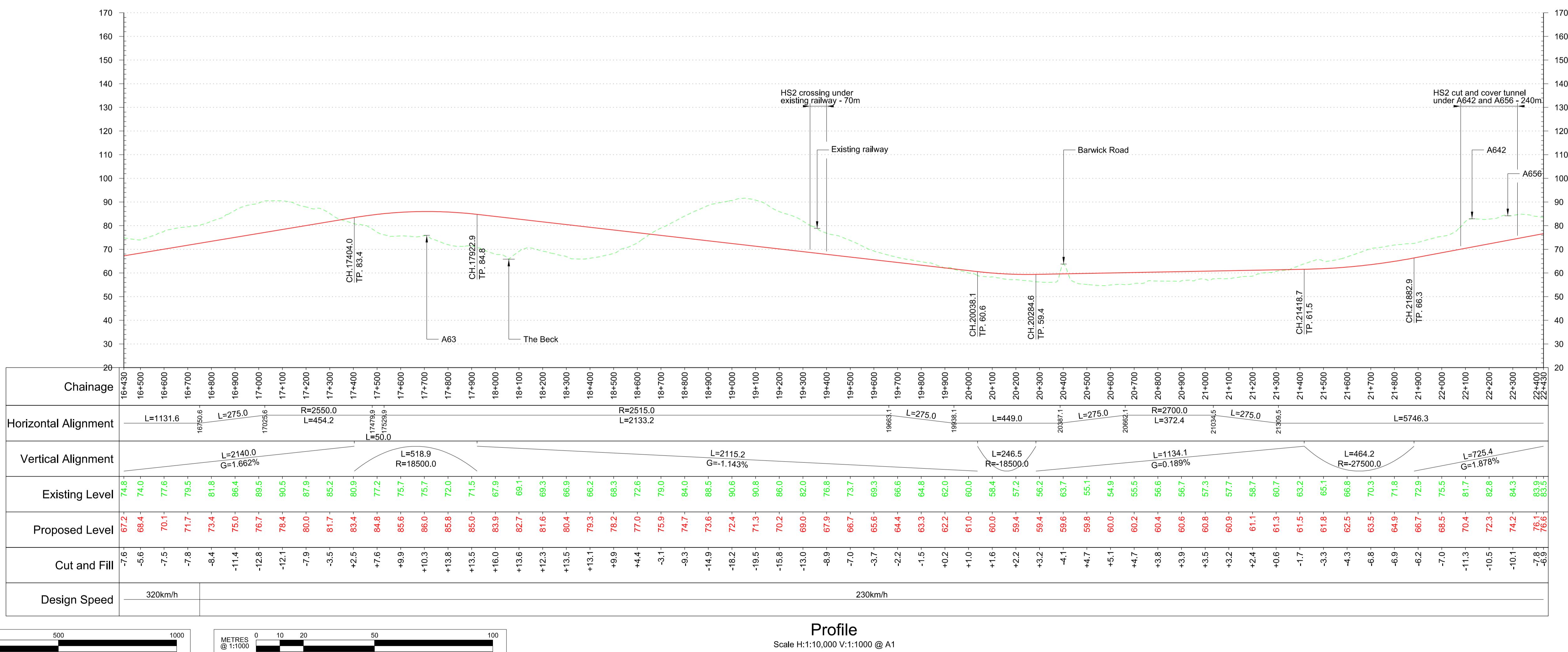
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P02	Client's Comments Addressed	JV 11/07/17	AR 11/07/17	MM 11/07/17	HS2 accepts no responsibility for any circumstances which arise from the reproduction of this document after alteration, amendment or abbreviation or if it is issued in part or issued incompletely in any way.	Legends/Notes: Key Environmental Features Legend	Legend	Engineering Earthworks	Zone	Project/Contract	
P01	First Issue	JV 28/06/17	AR 28/06/17	MM 28/06/17	© Crown Copyright and database right 2017. All rights reserved. Ordnance Survey Licence number 100049190 © Crown Copyright material is reproduced with the permission of Land Registry under delegated authority from the Controller of HMSO. This material was last updated on 2017 and may not be copied, distributed, sold or published without the formal permission of Land Registry. Only an official copy of a title plan or register obtained from the Land Registry may be used for legal or other official purposes.	Scheduled Monuments Ramsar Special Areas of Conservation Special Protection Areas SSSI National Nature Reserves Area of Outstanding Natural Beauty National Park Major Development Sites Additional Development Sites	Track Centrelines Viaduct Tunnel Existing Railway Connection HS2 Connection Fully Retained Cutting/Fill Major Contour Ground Profile Track Profile Minor Contour Node	Tunnel Existing Railway Connection HS2 Connection Fully Retained Cutting/Fill Major Contour Ground Profile Track Profile Minor Contour Node	Registered Parks and Gardens Historical Battlefields Historical Landfill Flood Zones Listed Building Grade I Listed Building Grade II* Listed Building Grade II Engineering Earthworks Railway Cutting Railway Embankment HS2 Depot/Station Operational Boundary	Leeds Leg North	West Midlands to Leeds Route
					Scale with caution as distortion can occur.				Design Stage	Post-Consultation	
									Drawing Title	HSL17B 2017 Preferred Route	
									Drawn	JV 07/06/2017	
									Checked	AR 1:10000	
									Approved	MM A1	
									Date	07/06/2017	
									Size	1:10000	
									Rev.	P02	
									Drawing No.	C321-MMD-RT-DPP-130-591703	
									Sheet of 5	Mott MacDonald	



Plan
Scale 1:10,000 @ A1



METRES @ 1:10000 0 100 200 500 1000

METRES @ 1:1000 0 10 20 50 100

Profile

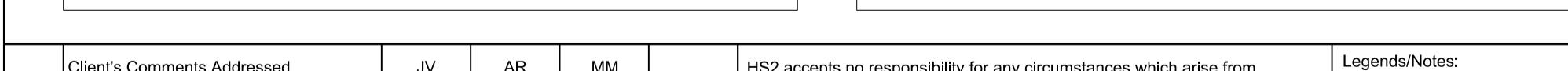
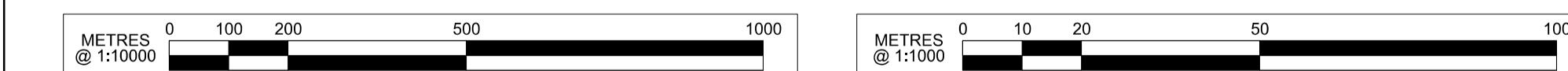
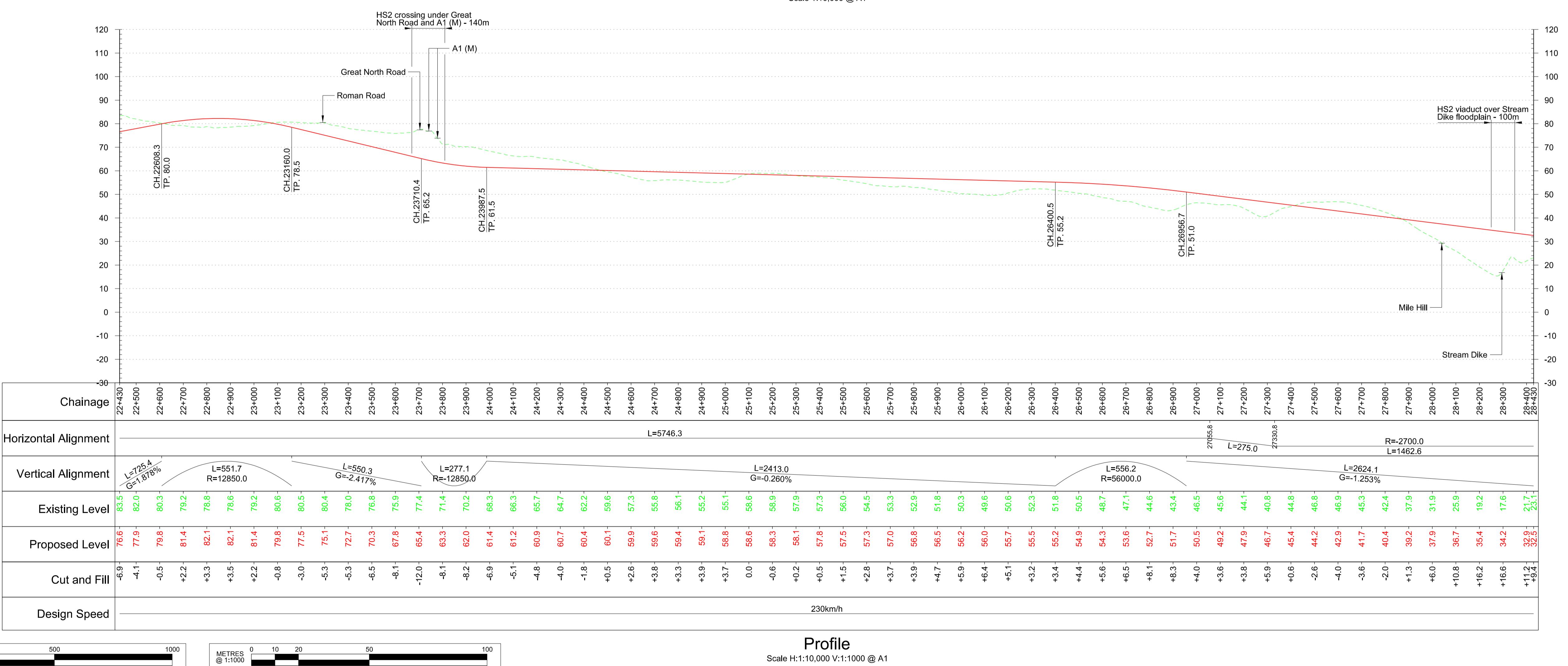
Scale H:1:10,000 V:1:1000 @ A1

Client's Comments Addressed				JV 11/07/17 AR 11/07/17 MM 11/07/17	HS2 accepts no responsibility for any circumstances which arise from the reproduction of this document after alteration, amendment or abbreviation or if it is issued in part or issued incompletely in any way.	Legends/Notes:	
				Key Environmental Features Legend		Legend	
P01 First Issue				© Crown Copyright and database right 2017. All rights reserved. Ordnance Survey Licence number 100049190		Scheduled Monuments Ramsar Special Areas of Conservation Special Protection Areas SSSI National Nature Reserves Area of Outstanding Natural Beauty National Park Major Development Sites Additional Development Sites	
				© Crown Copyright material is reproduced with the permission of Land Registry under delegated authority from the Controller of HMSO. This material was last updated on 2017 and may not be copied, distributed, sold or published without the formal permission of Land Registry. Only an official copy of a title plan or register obtained from the Land Registry may be used for legal or other official purposes.		Historical Battlefields Active and/or Authorised Landfill Flood Zones Listed Building Grade I Listed Building Grade II* Listed Building Grade II Tunnel Existing Railway Connection HS2 Connection Fully Retained Cutting/Fill Major Contour Ground Profile Track Profile Minor Contour Node	
				Scale with caution as distortion can occur.		Engineering Earthworks Railway Cutting Railway Embankment HS2 Depot/Station Operational Boundary	
				h2		Registered in England Registration No. 06791686 Registered office: 2 Snow Hill Queen Street Birmingham, B4 6GA	
				Creator/Originator		Zone Leeds Leg North	
				Design Stage Post-Consultation		Project/Contract West Midlands to Leeds Route	
				Drawing Title HSL17B 2017 Preferred Route		Discipline/Function Railway Track	
				Sheet 3 of 5		Drawn JV Checked AR Approved MM	
				Date 07/06/2017 Scale 1:10000 Size A1		Drawing No. C321-MMD-RT-DPP-130-591704 Rev. P02	
Rev	Description	Drawn	Checked	Con App	HS2 App		

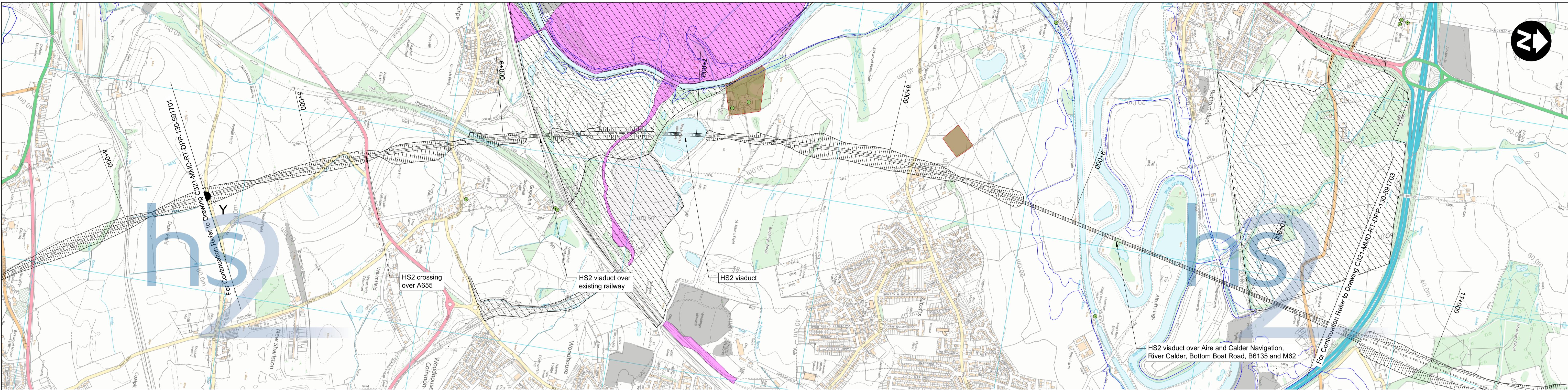


Plan

Scale 1:10,000 @ A1

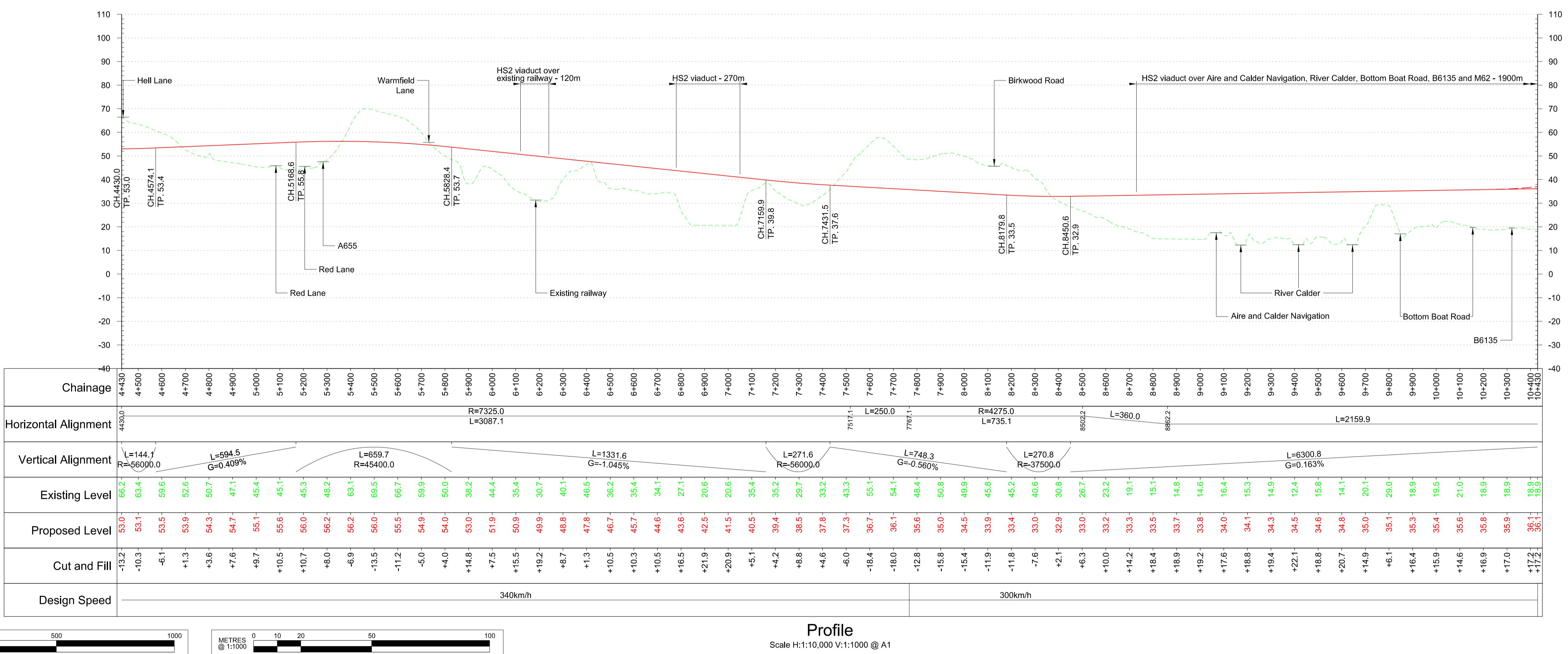


Client's Comments Addressed				JV 11/07/17	AR 11/07/17	MM 11/07/17	HS2 App	Key Environmental Features Legend		Legend		hs2	Zone Leeds Leg North	Project/Contract West Midlands to Leeds Route	
P02								Scheduled Monuments	Track Centrelines	Engineering Earthworks	Registered in England Registration No. 06791686 Registered office: 2 Snow Hill, Queen Street, Birmingham, B4 6GA				
P01	First Issue			JV 28/06/17	AR 28/06/17	MM 28/06/17		Ramsar	Viaduct	Railway Cutting			Design Stage Post-Consultation	Discipline/Function Railway Track	
								Special Areas of Conservation	Tunnel	Railway Embankment					
								Special Protection Areas	Existing Railway Connection	HS2 Depot/Station Operational Boundary					
								SSSI	HS2 Connection						
								National Nature Reserves	Fully Retained Cutting/Fill						
								Area of Outstanding Natural Beauty	Major Contour						
								National Park	Ground Profile						
								Major Development Sites	Track Profile						
								Additional Development Sites	Minor Contour						
									Node						
								Scale with caution as distortion can occur.							
Rev	Description			Drawn	Checked	Con App	HS2 App	Legend Notes:		Engineering Earthworks		Registered in England Registration No. 06791686 Registered office: 2 Snow Hill, Queen Street, Birmingham, B4 6GA		Zone Leeds Leg North	Project/Contract West Midlands to Leeds Route
								Historical Battlefields		Railway Cutting		Historical Landfill		Design Stage Post-Consultation	Discipline/Function Railway Track
								Historical and/or Authorised Landfill		Railway Embankment		Flood Zones			
								Listed Building Grade I		HS2 Depot/Station Operational Boundary		HS2 Depot/Station Operational Boundary			
								Listed Building Grade II*		HS2 Depot/Station Operational Boundary		HS2 Depot/Station Operational Boundary			
								Listed Building Grade II		HS2 Depot/Station Operational Boundary		HS2 Depot			



Pla

Scale 1:10,000 @ A



Prof

Scale H:1:10,000 V:1:1000 @ A