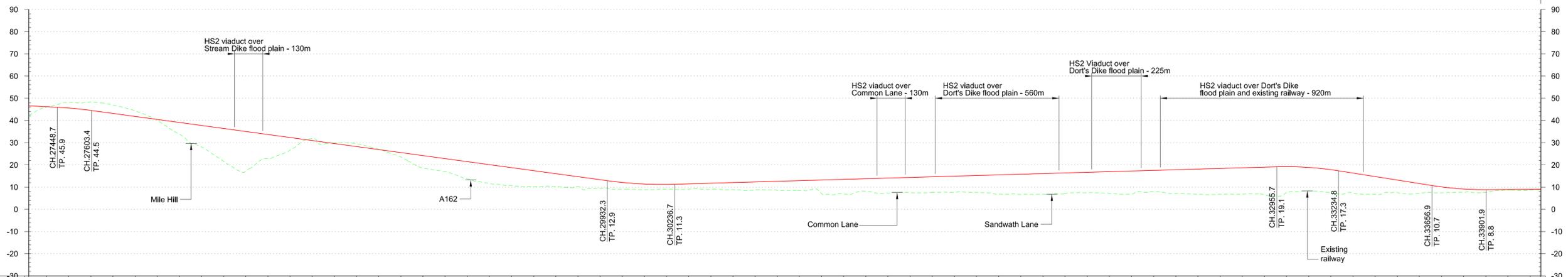


Plan
Scale 1:110,000 @ A1



Chainage	Horizontal Alignment	Vertical Alignment	Existing Level	Proposed Level	Cut and Fill	Design Speed
27+320	L=275.0	L=363.7 G=0.536%	42.2	46.6	+4.4	230km/h
27+400	R=2700.0	L=154.7 R=18500.0	46.0	46.2	+0.2	
27+500	L=1462.6	L=275.0	48.0	45.6	-2.4	
27+600	L=275.0	L=275.0	48.3	44.5	-3.8	
27+700	L=275.0	L=275.0	46.9	43.2	-3.7	
27+800	L=275.0	L=275.0	44.3	41.8	-2.5	
27+900	L=275.0	L=275.0	40.1	40.4	+0.3	
28+000	L=275.0	L=275.0	33.6	39.1	+5.5	
28+100	L=275.0	L=275.0	28.0	37.7	+9.7	
28+200	L=275.0	L=275.0	21.6	36.4	+14.8	
28+300	L=275.0	L=275.0	17.2	35.0	+17.8	
28+400	L=275.0	L=275.0	22.8	33.7	+10.9	
28+500	L=275.0	L=275.0	26.7	32.3	+5.6	
28+600	L=275.0	L=275.0	31.8	31.0	-0.8	
28+700	L=275.0	L=275.0	29.9	29.6	-0.3	
28+800	L=275.0	L=275.0	29.6	28.2	-1.4	
28+900	L=275.0	L=275.0	27.1	26.9	-0.2	
29+000	L=275.0	L=275.0	23.6	25.5	+1.9	
29+100	L=275.0	L=275.0	18.6	24.2	+5.6	
29+200	L=275.0	L=275.0	16.9	22.8	+5.9	
29+300	L=275.0	L=275.0	13.7	21.5	+7.8	
29+400	L=275.0	L=275.0	11.6	20.1	+8.5	
29+500	L=275.0	L=275.0	10.6	18.7	+8.1	
29+600	L=275.0	L=275.0	10.2	17.4	+7.2	
29+700	L=275.0	L=275.0	10.2	16.0	+5.8	
29+800	L=275.0	L=275.0	10.2	14.7	+4.5	
29+900	L=275.0	L=275.0	9.3	13.3	+4.0	
30+000	L=275.0	L=275.0	9.0	12.1	+3.1	
30+100	L=275.0	L=275.0	8.9	11.4	+2.5	
30+200	L=275.0	L=275.0	9.0	11.2	+2.2	
30+300	L=275.0	L=275.0	9.1	11.4	+2.3	
30+400	L=275.0	L=275.0	9.0	11.7	+2.7	
30+500	L=275.0	L=275.0	8.9	12.0	+3.1	
30+600	L=275.0	L=275.0	8.7	12.3	+3.6	
30+700	L=275.0	L=275.0	8.6	12.6	+4.0	
30+800	L=275.0	L=275.0	8.4	12.9	+4.5	
30+900	L=275.0	L=275.0	7.1	13.2	+6.1	
31+000	L=275.0	L=275.0	7.0	13.5	+6.5	
31+100	L=275.0	L=275.0	8.2	13.8	+5.6	
31+200	L=275.0	L=275.0	7.2	14.0	+6.8	
31+300	L=275.0	L=275.0	7.5	14.3	+6.8	
31+400	L=275.0	L=275.0	7.6	14.6	+7.0	
31+500	L=275.0	L=275.0	7.6	14.9	+7.3	
31+600	L=275.0	L=275.0	7.5	15.2	+7.7	
31+700	L=275.0	L=275.0	6.8	15.5	+8.7	
31+800	L=275.0	L=275.0	6.6	15.8	+9.2	
31+900	L=275.0	L=275.0	6.8	16.1	+9.3	
32+000	L=275.0	L=275.0	7.1	16.4	+9.3	
32+100	L=275.0	L=275.0	7.5	16.6	+9.1	
32+200	L=275.0	L=275.0	7.1	16.9	+9.8	
32+300	L=275.0	L=275.0	6.8	17.2	+10.4	
32+400	L=275.0	L=275.0	8.0	17.5	+9.5	
32+500	L=275.0	L=275.0	7.0	17.8	+10.8	
32+600	L=275.0	L=275.0	6.8	18.1	+11.3	
32+700	L=275.0	L=275.0	6.7	18.4	+11.7	
32+800	L=275.0	L=275.0	6.8	18.7	+11.9	
32+900	L=275.0	L=275.0	6.6	19.0	+12.4	
33+000	L=275.0	L=275.0	7.5	19.2	+11.7	
33+100	L=275.0	L=275.0	8.3	18.8	+10.5	
33+200	L=275.0	L=275.0	7.3	17.8	+10.5	
33+300	L=275.0	L=275.0	7.3	16.3	+9.0	
33+400	L=275.0	L=275.0	6.8	14.7	+7.9	
33+500	L=275.0	L=275.0	7.5	13.2	+5.7	
33+600	L=275.0	L=275.0	7.1	11.6	+4.5	
33+700	L=275.0	L=275.0	7.4	10.1	+2.7	
33+800	L=275.0	L=275.0	7.7	9.1	+1.4	
33+900	L=275.0	L=275.0	7.6	8.8	+1.2	
34+000	L=275.0	L=275.0	8.7	8.9	+0.2	
34+100	L=275.0	L=275.0	8.6	9.0	+0.4	
34+149	L=275.0	L=275.0	8.7	9.0	+0.3	

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

Fit for Condition A

Rev	Description	Drawn	Checked	Con App	HS2 App
P04	Fit for Condition A	JA	RC	TW	
P03	Fit for Condition A	JA	RC	TW	
P02	Client's comments addressed	VS	RC	TW	
P01	First Issue	GKR	RC	TW	

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Scale with caution as distortion can occur.

Key Environmental Features Legend

World Heritage Site	Scheduled Monuments
Ramsar	Registered Parks and Gardens
Special Areas of Conservation	Historical Battlefields
Special Protection Areas	Active and/or Authorised Landfill
SSSI	Historical Landfill
National Nature Reserves	Flood Zones
Area of Outstanding Natural Beauty	
National Park	

Legend

Track Centrelines	Engineering Earthworks
Viaduct	Railway Cutting
Tunnel	Railway Embankment
Fully Retained Cutting/Fill	HS2 Depot/Station Operational Boundary
Major Contour	
Ground Profile	
Track Profile	
Minor Contour	
Node	

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Creator/Originator
Mott MacDonald

HS2 Security Classification
INTERNAL

Zone	Leeds Leg North
Design Stage	Pre-Consultation
Drawing Title	Route HSL17 Plan and Profile
	Sheet 5 of 5

Project/Contract	West Midlands to Leeds Route		
Discipline/Function	Railway Track		
Drawn	GKR	Checked	RC
Date	08/05/2013	Scale	1:10000
Approved	TW	Size	A1
Drawing No.	C321-MMD-RT-DPP-130-551705		Rev.
			P04