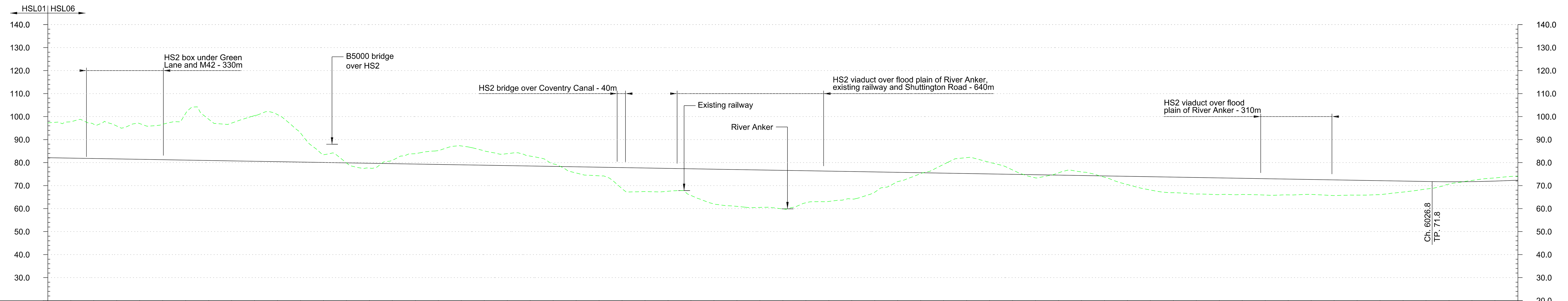
Plan

Scale 1:10000 @ A1



Chainage	0+000	0+100	0+200	0+300	0+400	0+500	0+600	0+700	0+800	0+900	1+000	1+100	1+200	1+300	1+400	1+500
Existing Ground Level	97.3	97.7	96.7	95.9	97.0	96.6	101.4	98.9	97.2	100.4	100.8	92.9	83.4	79.9	77.6	81.1
Proposed Track Level	82.1	82.0	81.8	81.6	81.4	81.3	81.1	80.9	80.8	80.6	80.4	80.2	80.1	79.9	79.7	79.5
Cut and Fill	-15.2	-15.7	-14.9	-14.3	-15.6	-15.3	-20.3	-18.0	-16.4	-19.8	-20.4	-12.7	-3.3	0.0	+2.1	-1.6

Chainage	1+600	1+700	1+800	1+900	2+000	2+100	2+200	2+300	2+400	2+500	2+600	2+700	2+800	2+900	3+000	3+100
Existing Ground Level	83.9	85.2	87.2	85.1	83.9	82.8	79.4	75.5	74.2	68.7	67.4	67.6	65.7	62.0	61.0	60.5
Proposed Track Level	79.4	79.2	79.0	78.9	78.7	78.5	78.3	78.2	78.0	77.8	77.7	77.5	77.3	77.1	77.0	76.8
Cut and Fill	-4.5	-6.0	-8.2	-6.2	-5.2	-4.3	-1.1	+2.7	+3.8	+9.1	+10.3	+9.9	+11.6	+15.1	+16.0	+16.3

Chainage	3+200	3+300	3+400	3+500	3+600	3+700	3+800	3+900	4+000	4+100	4+200	4+300	4+400	4+500	4+600	4+700
Existing Ground Level	59.9	62.6	63.1	64.2	67.1	71.7	75.2	79.2	82.2	80.1	76.8	73.4	75.5	75.9	73.6	70.4
Proposed Track Level	76.6	76.5	76.3	76.1	75.9	75.8	75.6	75.4	75.2	75.1	74.9	74.7	74.6	74.4	74.2	74.0
Cut and Fill	+16.7	+13.9	+13.2	+11.9	+8.8	+4.1	+0.4	-3.8	-7.0	-5.0	-1.9	+1.3	-0.9	-1.5	+0.6	+3.6

Chainage	4+800	4+900	5+000	5+100	5+200	5+300	5+400	5+500	5+600	5+700	5+800	5+900	6+000	6+100	6+200	6+300	6+400
Existing Ground Level	68.1	66.9	66.3	66.1	66.1	65.9	66.0	66.2	65.7	65.9	66.1	67.2	68.5	70.7	72.2	73.4	74.2
Proposed Track Level	73.9	73.7	73.5	73.4	73.2	73.0	72.8	72.7	72.5	72.3	72.2	72.0	71.8	71.7	71.7	72.0	72.4
Cut and Fill	+5.8	+6.8	+7.2	+7.3	+7.1	+7.1	+6.8	+6.5	+6.8	+6.4	+6.1	+4.8	+3.3	+1.0	-0.5	-1.4	-1.8

Horizontal Alignment: L=1466.5 | L=375.0 | R=8250.0 L=1449.2 | L=375.0 | L=402.9 | L=375.0 | R=8250.0 L=698.5 | L=375.0 | L=2435.1

Vertical Alignment: L=6026.8 G=-0.17% | L=1286.4 R=-56000.0

Maximum Speed: 400km/h

Profile

Scale H 1:10000 V 1:1000 @ A1

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Key Environmental Features Legend

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

1:10000 200m 0 200m 400m 600m 800m 1000m

Legend

- Alignment Centreline
- Viaduct / Tunnel / Retained Structure
- Major Contour
- Minor Contour
- Node
- Railway Cutting
- Railway Embankment
- Highway Cutting
- Highway Embankment

1:1000 20m 0 20m 40m 60m 80m 100m

Issue	Date	By	Chkd	Appd
3.0	- /12/12	LK	MP	CL
-				
2.0	- /12/12	LK	MP	CL
-				

Client

Job Title: HS2 West Midlands to Leeds Initial Preferred Route December 2012

Scale at A1: 1:10000

Discipline: Rail

ARUP

Drawing Title: Route HSL06 Plan and Proifle Sheet 1 of 5

Drawing Status: -

Job No: 214866-00

Drawing No: HS2-ARP-LR0-DR-RT-55061

Issue: 3.0

Do not scale

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