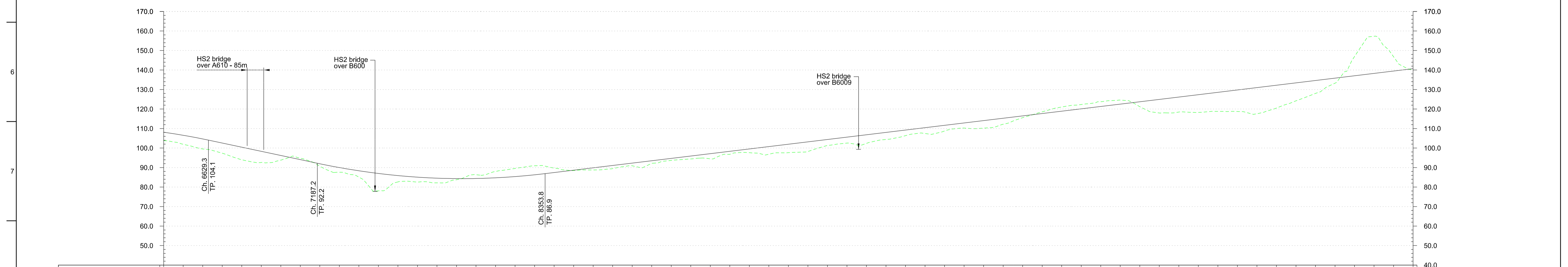


Plan  
Scale 1:10000 @ A1



Chainage	6+400	6+500	6+600	6+700	6+800	6+900	7+000	7+100	7+200	7+300	7+400	7+500	7+600	7+700	7+800	7+900	8+000	8+100	8+200	8+300	8+400	8+500	8+600	8+700	8+800	8+900	9+000	9+100	9+200	9+300	9+400	9+500	9+600	9+700	9+800	9+900	10+000	10+100	10+200	10+300	10+400	10+500	10+600	10+700	10+800	10+900	11+000	11+100	11+200	11+300	11+400	11+500	11+600	11+700	11+800	11+900	12+000	12+100	12+200	12+300	12+400	12+500	12+600	12+700	12+800	
Horizontal Alignment	R=3800.0 L=3324.9																																	L=425.0												L=3743.1																				
Vertical Alignment	L=979.6 R=32000.0			L=557.9 G=-2.12%			L=1166.6 R=35000.0															L=5632.9 G=1.21%																																												
Existing Ground Level	103.8	101.9	99.5	97.4	94.0	92.6	93.8	94.8	90.7	87.6	85.1	78.0	82.6	82.5	82.2	83.7	86.3	88.0	89.5	90.9	89.8	87.4	88.5	88.8	89.9	91.1	92.3	93.5	92.1	93.7	94.4	94.5	96.8	97.6	96.8	102.4	104.4	106.4	107.5	108.7	110.2	110.2	112.2	115.6	118.6	121.0	122.3	123.8	124.6	121.2	118.0	118.4	118.2	118.8	118.7	117.6	120.5	124.2	128.0	133.3	146.9	157.3	146.8	140.3		
Proposed Track Level	108.1	106.5	104.7	102.6	100.4	98.3	96.2	94.1	91.9	90.0	88.3	87.0	85.9	85.1	84.6	84.3	84.4	84.7	85.4	86.3	87.4	88.7	89.5	90.2	91.1	92.3	93.5	94.7	95.9	97.1	98.3	99.5	100.7	102.0	103.2	104.4	105.6	106.8	108.0	109.2	110.4	111.6	112.8	114.1	115.3	116.5	117.7	118.9	120.1	121.3	122.5	123.7	124.9	126.2	127.4	128.6	129.8	131.0	132.2	133.4	134.6	135.8	137.0	138.2	139.5	140.7
Cut and Fill	+4.3	+4.6	+5.2	+5.2	+6.4	+5.7	+2.4	-0.7	+1.2	+2.4	+3.2	+9.0	+3.3	+2.6	+2.4	+0.6	-1.9	-3.3	-4.1	-4.6	-2.4	+0.2	+1.1	+1.6	+1.4	+1.4	+1.0	+1.5	+2.6	+1.5	+1.9	+3.9	+4.4	+5.0	+3.1	+3.1	+4.4	+3.6	+2.8	+2.9	+2.9	+2.6	+3.9	+3.1	+0.9	-0.9	-2.1	-2.2	-2.5	-2.1	+2.5	+6.9	+7.8	+9.2	+9.8	+11.1	+13.4	+11.7	+9.2	+6.6	+2.5	-9.9	-19.1	-7.3	+0.4	
Maximum Speed:	300km/h																											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

**Legend**

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

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

Client

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

Scale at A1  
1:10000

Discipline  
Rail

Drawing Title  
Route HSL13  
Plan and Profile  
Sheet 2 of 7

Drawing Status

Job No  
214866-00

Drawing No  
HS2-ARP-LR0-DR-RT-55132

Issue  
3.0