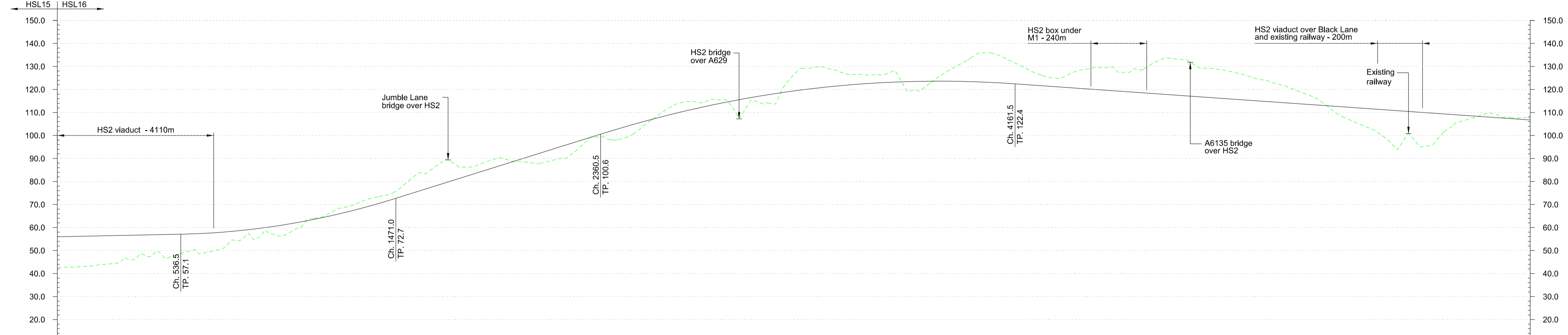


Plan
Scale 1:10000 @ A1



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	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	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	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															
Horizontal Alignment	L=148.2		L=385.0												R=6600.0 L=3929.5												L=385.0												L=2096.9																																									
Vertical Alignment	L=536.5 G=0.21%															L=934.5 R=32000.0															L=889.6 G=3.13%															L=1800.9 R=47000.0															L=2318.6 G=-0.70%																			
Existing Ground Level	42.7	43.0	44.0	46.6	47.3	47.5	50.3	50.4	54.7	54.7	58.5	57.3	63.8	67.2	70.4	73.5	77.9	83.4	88.2	86.3	88.8	88.6	87.9	90.3	97.7	98.2	100.4	106.0	114.0	114.2	115.5	113.1	113.9	126.4	128.8	127.6	126.4	126.7	119.3	123.3	123.3	123.5	129.8	124.3	135.7	134.6	129.6	125.4	125.4	126.8	129.3	129.2	127.7	125.0	122.5	122.5	118.0	132.9	132.9	116.6	116.6	115.9	127.7	125.0	114.5	122.5	113.8	118.0	114.2	107.5	103.3	96.2	97.7	98.7	108.5	106.2	109.2	107.9	106.7	106.4
Proposed Track Level	55.9	56.2	56.4	56.6	56.8	57.0	57.3	57.8	58.7	59.9	61.4	63.2	65.4	67.8	70.6	73.6	76.7	79.9	83.0	86.1	89.3	92.4	95.5	98.7	101.8	104.7	107.4	110.0	112.3	114.4	115.5	116.2	117.9	119.3	120.6	121.6	122.4	123.0	123.4	124.1	123.6	123.5	123.8	124.3	123.3	122.8	122.2	121.5	120.8	120.1	119.4	118.7	118.0	117.3	116.6	115.9	115.2	114.5	113.8	113.1	112.4	111.6	110.9	110.2	109.5	108.8	108.1	107.4	106.7											
Cut and Fill	+13.2	+13.2	+12.4	+10.0	+9.5	+8.5	+7.0	+7.4	+4.0	+1.4	+4.1	-0.6	-1.8	-2.6	-2.9	-4.3	-6.7	-9.3	-3.3	-3.7	+0.7	+4.5	+5.2	+1.0	+3.6	+4.3	-0.6	-4.0	-1.9	-1.1	+3.1	+4.0	-7.1	-9.2	-6.0	-4.0	-3.7	+4.1	+0.3	-6.3	-12.4	-11.8	-7.4	-3.9	-6.0	-9.2	-9.0	-9.9	-15.2	-15.6	-12.6	-11.8	-8.8	-8.0	-5.2	-1.1	+4.9	+8.3	+14.7	+12.5	+10.8	+2.6	-1.1	-0.5	-1.7															
Maximum Speed:	360km/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
HS2 West Midlands to Leeds
Initial Preferred Route
December 2012

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

Scale at A1
1:10000

Discipline
Rail



Drawing Title
Route HSL16
Plan and Profile
Sheet 1 of 4

Drawing Status

Issue No
214866-00

Drawing No
HS2-ARP-LR0-DR-RT-55161

Issue
3.0