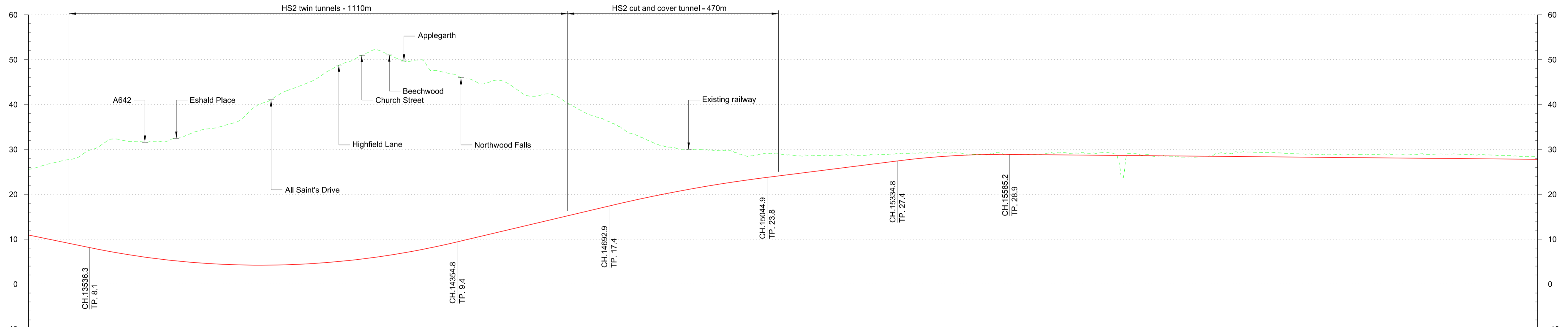
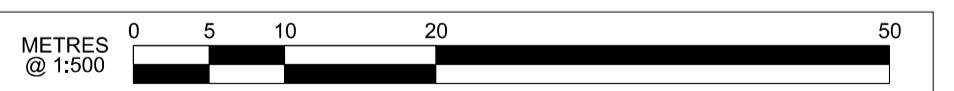
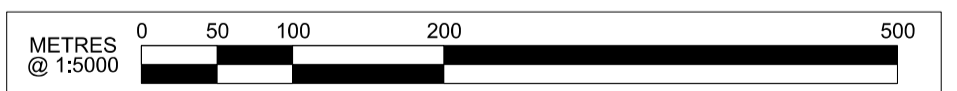


Plan  
Scale 1:5,000 @ A1



Profile  
Scale H:1:5,000 V:1:500 @ A1

Chainage	Horizontal Alignment	Vertical Alignment	Existing Level	Proposed Level	Cut and Fill
13+400		L=1284.8 G=-2.058%	25.5	10.9	-14.6
13+450			26.9	9.9	-17.0
13+500			27.9	8.9	-19.0
13+550			30.2	7.8	-22.4
13+600			32.3	6.9	-25.4
13+650			31.7	6.1	-25.6
13+700			31.7	5.5	-26.2
13+750			33.1	5.0	-28.1
13+800			34.6	4.6	-30.0
13+850			35.7	4.3	-31.4
13+900			39.2	4.2	-35.0
13+950			41.7	4.2	-37.5
14+000			44.0	4.4	-39.6
14+050			46.3	4.7	-41.6
14+100			49.1	5.1	-44.0
14+150			51.3	5.7	-45.6
14+200			51.2	6.4	-44.8
14+250			49.6	7.2	-42.4
14+300			47.6	8.2	-39.4
14+350			46.7	9.3	-37.4
14+400			44.9	10.5	-34.4
14+450			45.4	11.6	-33.8
14+500			42.5	12.8	-29.7
14+550			42.3	14.0	-28.3
14+600			40.3	15.2	-25.1
14+650			37.7	16.4	-21.3
14+700			35.8	17.6	-18.2
14+750			33.3	18.7	-14.6
14+800			31.1	19.7	-11.4
14+850			30.2	20.7	-9.5
14+900			30.0	21.6	-8.4
14+950			29.8	22.4	-7.4
15+000			28.5	23.2	-5.3
15+050			29.1	23.8	-5.3
15+100			28.7	24.5	-4.2
15+150			28.6	25.1	-3.5
15+200			28.7	25.7	-3.0
15+250			28.6	26.4	-2.2
15+300			28.8	27.0	-1.8
15+350			29.1	27.6	-1.5
15+400			29.2	28.1	-1.1
15+450			29.2	28.5	-0.7
15+500			28.9	28.8	-0.1
15+550			29.1	28.9	-0.2
15+600			28.9	28.9	0.0
15+650			28.9	28.8	-0.1
15+700			29.2	28.8	-0.4
15+750			29.2	28.7	-0.5
15+800			29.2	28.7	-0.5
15+850			29.1	28.6	-0.5
15+900			28.6	28.6	0.0
15+950			28.4	28.5	+0.1
16+000			28.3	28.5	+0.2
16+050			29.1	28.5	-0.6
16+100			29.3	28.4	-0.9
16+150			29.3	28.4	-0.9
16+200			29.1	28.3	-0.8
16+250			29.0	28.3	-0.7
16+300			28.8	28.2	-0.6
16+350			28.8	28.2	-0.6
16+400			28.8	28.1	-0.7
16+450			29.0	28.1	-0.9
16+500			29.0	28.0	-1.0
16+550			28.9	28.0	-0.9
16+600			28.9	27.9	-0.9
16+650			28.8	27.9	-0.9
16+700			28.7	27.8	-0.9
16+750			28.4	27.8	-0.6



Rev	Description	Drawn	Checked	Con App	HS2 App	Scale with caution as distortion can occur.
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**Key Environmental Features Legend**

- World Heritage Site
- 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
- Scheduled Monuments
- Registered Parks and Gardens
- Historical Battlefields
- Active and/or Authorised Landfill
- Historical Landfill
- Flood Zones
- Listed Building Grade I
- Listed Building Grade II\*
- Listed Building Grade II

**Legend**

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

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Registration No. 06791686  
Registered office:  
2 Snow Hill,  
Queensway,  
Birmingham, B4 6GA

Zone: Leeds Metropolitan Spur

Design Stage: Post-Consultation

Drawing Title: HSL21  
2017 Preferred Route

Project/Contract: West Midlands to Leeds Route

Discipline/Function: Railway Track

Drawn: JV	Checked: AR	Approved: MM
Date: 07/06/2017	Scale: 1:5000	Size: A1
Drawing No. C321-MMD-RT-DPP-140-592102		Rev. P03

Creator/Organator: Mott MacDonald

Sheet 2 of 2