Plan
Scale 1:10000

FRADLEY PARK

WHITTINGTON

HUDDLESFORD

STREETHAY

LICHFIELD

CURBOROUGH

FRADLEY WOOD

Plan labels:
- Trent and Mersey Canal Viaduct
- Wood End Lane
- Curborough Flyover
- Wood End Lane Underbridge
- Alrewas Footpath 31 Diversion
- Alrewas Footpath 31 Underpass
- Mare Brook Package Substation
- A38 South-bound Slip Road Overbridge
- A38 Rykneld Street Overbridge
- Mare Brook North Culvert
- Alrewas Footpath 31
- Mare Brook South Culvert
- Mare Brook South Watercourse Diversion
- For Continuation Refer To Sheets 48 and 49
- South Staffordshire Line Overbridge
- Streethay Footpath 5
- Streethay Footpath 6 Diverted
- Pumping Station
- WCML Overbridge
- Capper's Lane Overbridge
- Wyrley and Essington Canal Underbridge
- Whittington Bridleway 20
- Whittington Bridleway 7
- Whittington Bridleway 8
- Darnford Lane Overbridge
- Whittington Footpath 17 Diversion
- Capper's Lane Viaduct
- Streethay Retaining Wall
- Capper's Lane Auto-Transformer Station
- Fulfen Wood Culvert
- Lichfield Road Underbridge
- Fradley and Streethay Bridleway 2
- Fradley and Streethay Footpath 5
- Streethay Footpath 6 Accommodation Overbridge
- For Continuation Refer To Sheet 46
- Whittington Heath

Profile
Scale 1:10000

Profile labels:
- M-187-S1 Wood End Lane Underbridge
- HS2 Alignment
- 186-S3 Alrewas Footpath 31 Underpass
- 186-S1 Mare Brook North Culvert
- 185-S3 Mare Brook South Culvert
- Turnout type T6100-49T (400/200) Connection with Main Main
- 185-S4 A38 Rykneld Street Overbridge
- 184-S7 A38 south-bound Slip Road Overbridge
- 184-S6 South Staffordshire Line Overbridge
- 184-S5 Streethay Footpath 6 Accommodation Overbridge
- Ground Level
- 183-S6 West Coast Main Line Overbridge
- 183-S4 Capper's Lane Overbridge
- 183-S3 Fulfen Wood Culvert
- 183-S5 Capper's Lane ATS
- 182-S4 Damford Lane Overbridge
- 182-S2 Lichfield Road Underbridge
- M-188-L2 Brokendown Wood Embankment
- M-188-L1 Trent & Mersey Canal Viaduct
- M-186-L2 Fradley Wood Embankment
- M-186-L1 Curborough Flyover
- 185-L1 Curborough Embankment
- 183-L6 Streethay Cutting
- 183-L3 Fulfen Wood Embankment
- 183-L2 Capper's Lane Viaduct
- 183-L1 Huddlesford Embankment
- 182-L1 Whittington Common Cutting
- 181-L1 Whittington Heath Embankment

HS2 Route Element	

Horizontal Alignment: R=8750.0, L=300.0, L=3180.4, L=981.8, L=325.0, R=-7910.0, L=2571.8, L=325.0, L=2554.0

Vertical Alignment: L=358.9 R=56000.0; L=678.6 G=-0.12%; L=622.2 R=56000.0; L=1478.3 G=0.99%; L=1666.4 R=56000.0; L=586.5 G=-1.98%; L=664.2 R=56000.0; L=282.9 G=0.74%

Design Speed: 400km/h

METRES @ 1:10000 0 100 200 500 1000

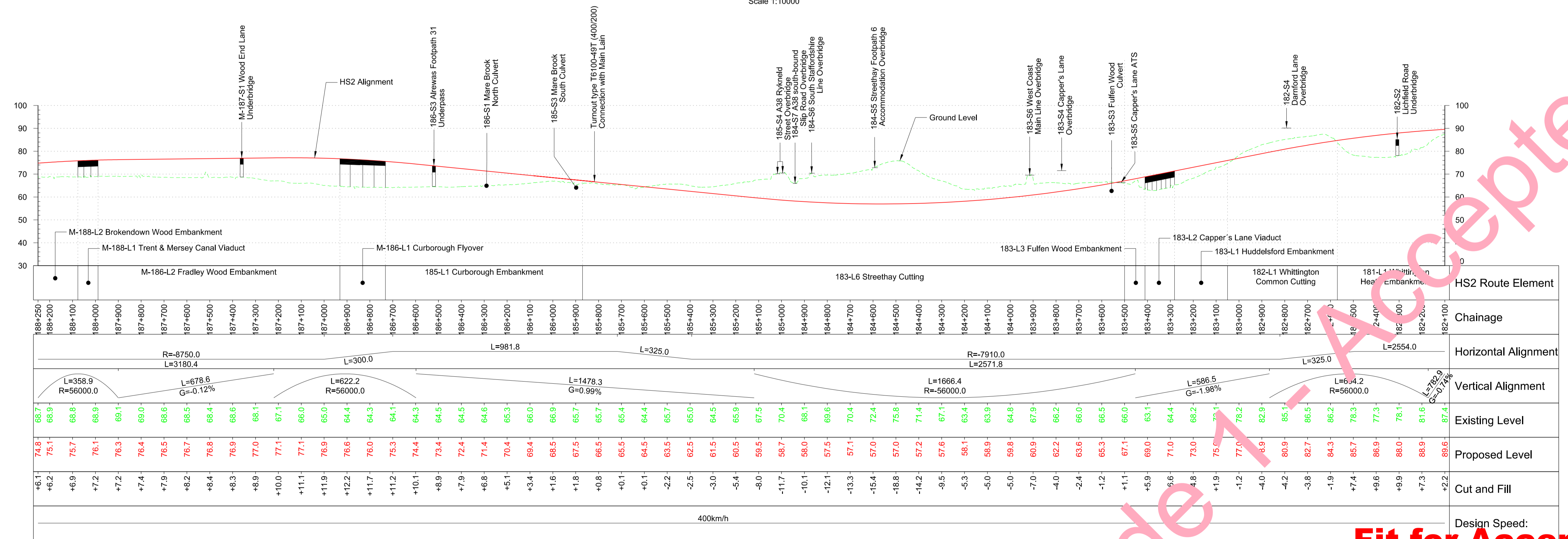METRES @ 1:1000 0 10 20 50 100

Note:
Bridge Profiles indicated at FRL to HS2 track

Legends/Notes:
- Depot, station, headhouse or portal building
- Tunnel portal
- Electricity substation
- Land drainage area
- Ecological mitigation pond
- Balancing pond
- Replacement floodplain storage
- Woodland habitat creation
- Wetland habitat creation
- Grassland habitat creation
- Landscape mitigation planting (scrub / woodland)
- Grassed areas
- Sustainable placement
- Public realm
- Engineering earthworks
- Watercourse diversion
- Landscape earthworks
- Returned to suitable development use
- Community forum boundary
- Existing watercourse
- Ditches - new
- UT — Main utility works
- Existing public right of way (PRoW)
- New, diverted or realigned PRoW
- County boundary
- Borough / District boundary
- Stopped-up PRoW
- Tunnels external extent
- Rail alignment
- HS2 Access road
- Noise fence barrier
- Chainage (e.g. 10+000)

Rev	Description	Drawn	Checked	Con App	HS2 App
P01	Issued for Condition B	NOR	CCG	AH	
	Final Preliminary Design	22/01/16	22/01/16	10/10/15	

Registered in England Registration No. 06791686
Registered office: One Canada Square, London, E14 5AB

Zone: Country North
Project/Contract: Country North Design

Design Stage: FINAL PRELIMINARY DESIGN
Discipline/Function: Civil

Drawing Title: Main Line
Sheet 47
Chainage 182+100 to 186+200

Creator/Originator: Capita Symonds Ineco JV

Drawn	Checked	Approved
NOR	NOR	AH

Date: 19/01/2016
Scale: 1:10000
Size: A1

Drawing No.: C223-CSI-CV-DPP-030-000011-FPD
Rev.: P01