



Key
 — HS2 Phase 2a Alignment
 - - - Existing Ground Level

Note 1:
 The track alignment design speed is 400km/h, however speed is limited through the tunnels due to aerodynamic effects.



Profile Scale H:1:10,000 V:1:1000 @ A1

Fit for Acceptance

| | | | | | | |
|-----|---|-------|---------|---------|---------|---|
| Rev | Description | Drawn | Checked | Con App | HS2 App | Scale with caution as distortion can occur. |
| P02 | Final Preliminary Design Approved for publication | DMI | IMD | DE | | 15/04/2020 |
| P01 | Final Preliminary Design | CW | IMD | DE | | 09/04/2020 |

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
- Local placement of surplus excavated material
- Public realm/Replacement community facility
- Hedgerow habitat creation
- UT - Main utility works
- Engineering earthworks
- Landscape earthworks
- Rail alignment formation
- Returned to suitable development use
- County boundary
- Borough / District boundary
- Community Area boundary
- Watercourse diversion
- Existing watercourse
- Ditches - new
- Existing Woodland
- Existing Buildings
- Existing Inland Water
- Existing Contours
- HS2 Access road
- Noise fence barrier
- HS2 Mainline Rail alignment
- Chainage (e.g. 10+000)
- Existing public right of way (PRoW)
- New, diverted or realigned PRoW
- Stopped-up PRoW
- Tunnels external extent

HS2

Registered in England
 Registration No. 06791686
 Registered office:
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 Birmingham, B4 6GA

Creator/Originator
Ove Arup & Partners International Ltd

| | | | | | |
|---------------|--|-----------------------------|---|----------|--|
| Zone | Route Wide | Project/Contract | C861 Hybrid Bill Final Preliminary Design (FPD) | | |
| Design Stage | Hybrid Bill - Final Preliminary Design FPD | Discipline/Function | Civil | | |
| Drawing Title | Main Line | Drawn | Checked | Approved | |
| | Sheet 8 | DMI | IMD | DE | |
| | Chainage 230+250 to 236+250 | Date | Scale | Size | |
| | | 09/04/2020 | AS SHOWN | A1 | |
| | | Drawing No. | Rev. | | |
| | | 2PT10-ARP-CV-DPP-000-011007 | P02 | | |