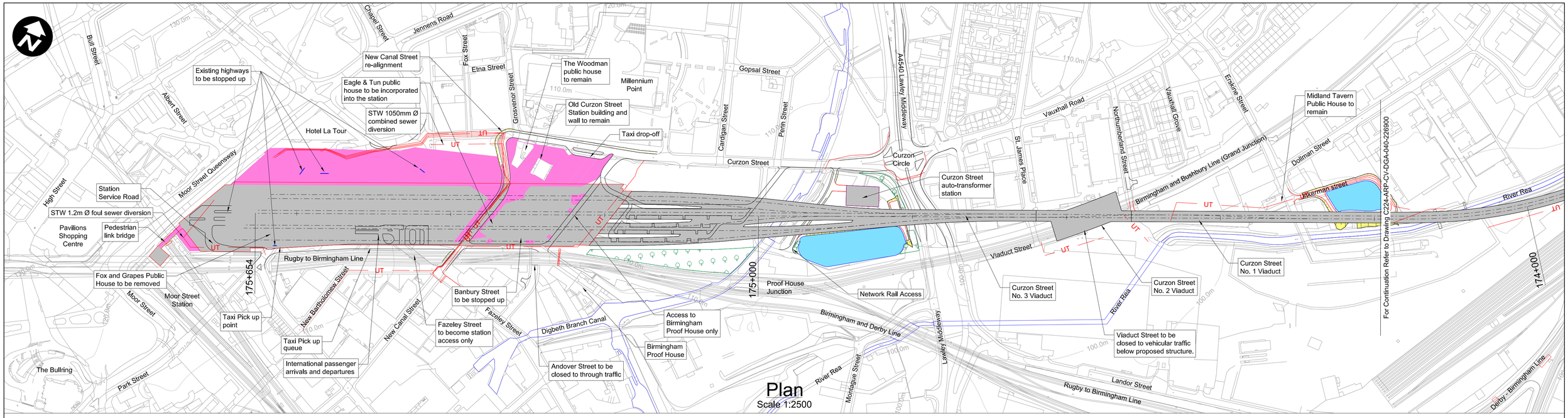
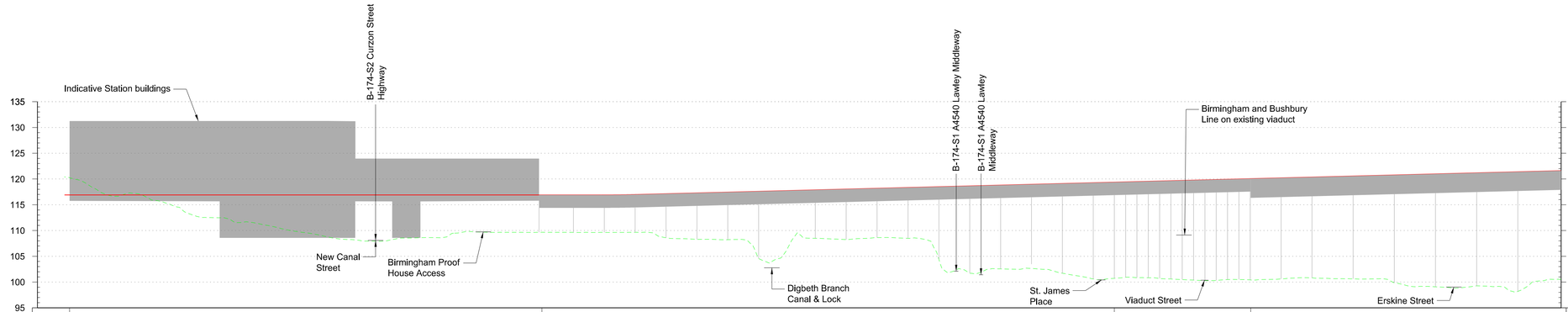


Plan

Scale 1:2500



Route Element ID		B-175-L1 Curzon Street Station								
Chainage	175+680	175+650	175+600	175+550	175+500	175+450	175+400	175+350	175+300	175+250
Horizontal Alignment		L=1459.9								
Vertical Alignment		L=520.9 G=-0.00%								
Existing Level		120.3	116.7	115.0	112.5	110.7	108.8	107.9	108.6	109.7
Proposed Level		116.9	116.9	116.9	116.9	116.9	116.9	116.9	116.9	116.9
Cut and Fill		-3.4	+0.2	+1.9	+4.4	+6.2	+8.1	+9.0	+8.3	+7.2
Design Speed		100km/h								

Route Element ID	B-174-L2 Curzon Street No.3 Viaduct								
Chainage	175+200	175+150	175+100	175+050	175+000	174+950	174+900	174+850	174+800
Horizontal Alignment									
Vertical Alignment		L=35.0 R=-6794.1	L=1003.8 G=-0.52%						
Existing Level	109.6	109.6	109.7	108.4	108.3	107.1	108.3	108.6	102.4
Proposed Level	116.9	116.9	117.0	117.2	117.5	117.8	118.0	118.3	118.5
Cut and Fill	+7.3	+7.3	+7.3	+8.8	+9.2	+10.7	+9.7	+9.7	+16.1
Design Speed									

Route Element ID			B-174-L1 Curzon Street No.2 Viaduct			B-173-L2 Curzon Street No.1 Viaduct						
Chainage	174+750	174+700	174+650	174+600	174+550	174+500	174+450	174+400	174+350	174+300	174+250	174+200
Horizontal Alignment												
Vertical Alignment												
Existing Level	102.6	102.5	100.4	100.8	100.3	100.4	100.8	100.6	99.3	98.8	98.3	100.6
Proposed Level	118.8	119.0	119.3	119.6	119.8	120.1	120.3	120.6	120.8	121.1	121.4	121.6
Cut and Fill	+16.2	+16.5	+18.9	+18.8	+19.5	+19.7	+19.5	+20.0	+21.5	+22.3	+23.1	+21.0
Design Speed												

METRES @ 1:2500 0 20 50 100 250

METRES @ 1:500 0 5 10 20 50

Profile

Scale H 1:2500 V 1:500

Rev	Description	Drawn	Checked	Con App	HS2 App
P06	Condition B. Code 1. Fit for hybrid bill submission	JDS 25/11/13	PW 25/11/13	PC 25/11/13	
P05	Condition B. Code 1. Fit for hybrid bill submission	GLW 11/11/13	PW 11/11/13	JJPB 11/11/13	
P04	Condition B. Code 1. Fit for hybrid bill submission	RHG 27/09/13	PW 27/09/13	JJPB 27/09/13	
P03	Issued for Condition B2 IPD	JDS 27/08/13	KAB 22/08/13	ST 22/08/13	
P02	Issued for Condition B1 IPD	PN 19/06/13	PW 18/06/13	JJPB 18/06/13	

Scale with caution as distortion can occur.

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
🟩	Landscape earthworks
▨	Rail alignment formation
🟧	Returned to suitable development use
▭	County boundary
▭	Borough / District boundary
— · —	Community forum boundary
→	Watercourse diversion
—	Existing watercourse
→	Ditches - new
○○○○	Hedgerow habitat creation
– UT –	Main utility works
- - - -	Existing public right of way (PRoW)
—	New, diverted or realigned PRoW
-✕-	Stopped-up PRoW
- - - -	Tunnels external extent
— · —	Rail alignment
—	HS2 Access road
—	Noise fence barrier
10+000	Chainage (e.g. 10+000)

hs2

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Creator/Originator
Ove Arup & Partners International Ltd

HS2 Security Classification
INTERNAL

Zone
West Midlands Metropolitan

Design Stage
hybrid bill submission

Drawing Title
Birmingham Spur
Sheet 8 of 8
Chainage 174+200 to 175+680

Project/Contract
Birmingham Metropolitan Area Design

Discipline/Function
Civil

Drawn	Checked	Approved
AJT	PW	JJPB

Date	Scale	Size
04/04/2013	AS SHOWN	A1

Drawing No.	Rev.
C224-ARP-CV-DPP-040-226700	P06