TRANSPORT FOR LONDON

RIVER CROSSINGS: SILVERTOWN TUNNEL

SUPPORTING TECHNICAL DOCUMENTATION

SILVERTOWN CROSSING: TOPOGRAPHICAL SURVEY

Atkins

May 2013

This document provides the outputs of the topographical survey undertaken for the vicinity of the proposed scheme.

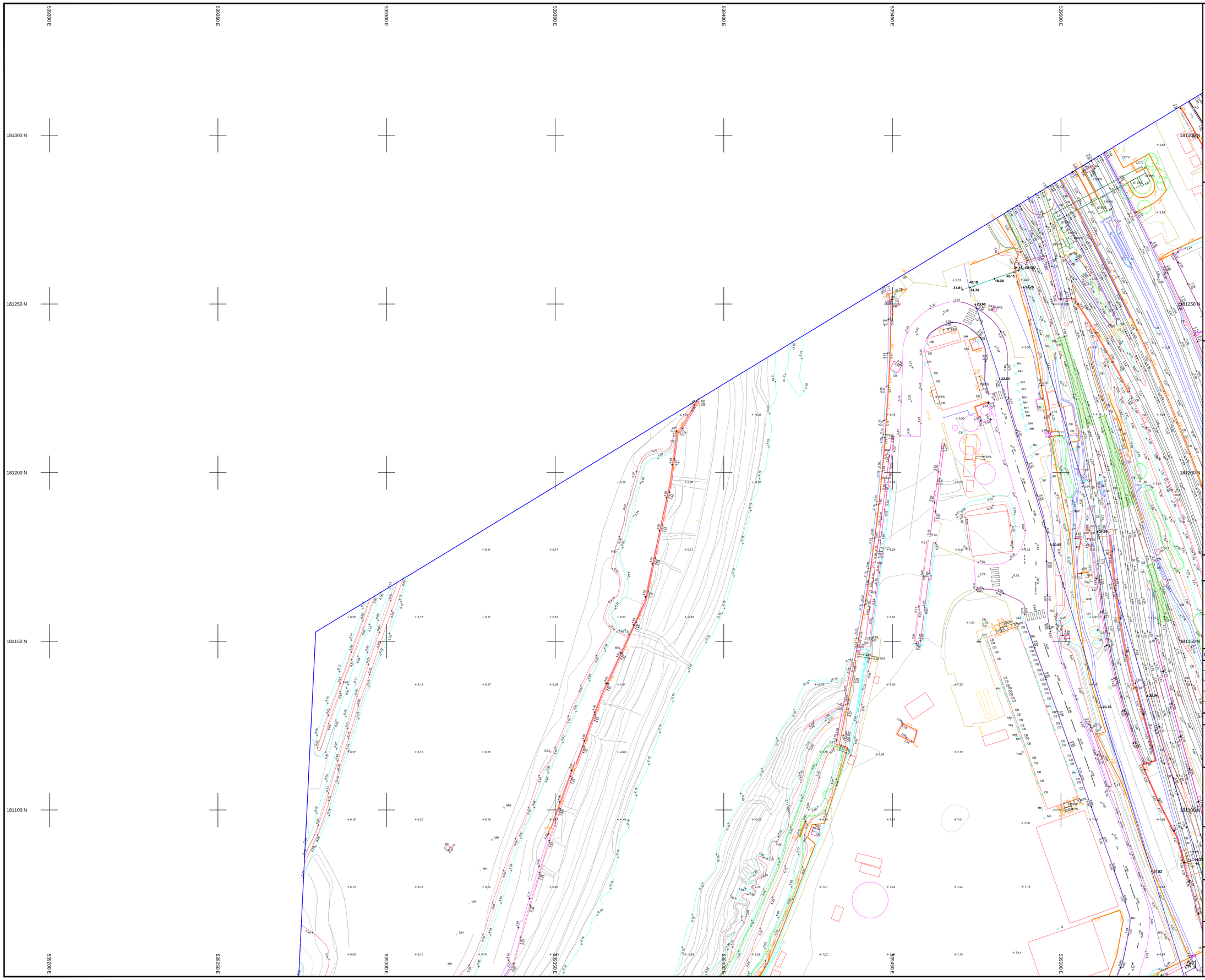
This report is part of a wider suite of documents which outline our approach to traffic, environmental, optioneering and engineering disciplines, amongst others. We would like to know if you have any comments on our approach to this work. To give us your views, please respond to our consultation at www.tfl.gov.uk/silvertown-tunnel

Please note that consultation on the Silvertown Tunnel is running from October – December 2014

Silvertown Crossing
Topographical Survey

Transport for London

May 2013



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Notes

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2. All levels are in metres and relate to Ordnance Datum, Newlyn. The site has been connected to the Ordnance Survey National Active GPS Network using static GPS survey.
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Location

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								20	21	22													
							23																

Legend

ACU	Air Conditioning Unit	MKR	Marker Post
AE	Aerial	MP	Milepost
AV	Air Valve	MS	Milestone
BB	Beacon Beacon	MIC	Manhole Inspection Chamber
BL	Bed Level	NB	Notice Board
BOL	Bollard	NS	Name Sign
BOLI	Bollard Illuminated	P	Post
BS	Bus Stop	P/BW	Post and Barbed Wire Fence
BIT	BT Inspection Chamber	P/C	Post and Chain Fence
BW	Brick Wall	P/R	Post and Rail Fence
C/B	Close Boarded Fence	P/W	Post and Wire Fence
C/I	Corrugated Iron	PB	Post Box
C/L	Chain Link Fence	PM	Parking Meter
C/P	Chestnut Paling Fence	RG	Road Gully
C/PL	Corrugated Plastic	RLS	Railway Signal
CATV	Cable Television	RNP	Road Name Plate
CB	Control Box	RP	Reflector Post
CCTV	Close Circuit TV	RS	Road Sign
CL	Cover Level	RW	Retaining Wall
CPS	Concrete Paving Slabs	SCP	Soil Cleaner Pipe
CW	Concrete Wall	SC	Stop Cock
DK	Drop Kerb	SIG	Signal
DPC	Damp Proof Course	SOS	Emergency Telephone
EIC	Electricity Inspection Cover	SP	Sign Post
EP	Electricity Pole	SPI	Sign Post Illuminated
ER	Earth Rod	SPC	Speed Camera
FB	Flower Bed	SS	Survey Station
FH	Fire Hydrant	SV	Stop Valve
G	Gully	SVP	Soil & Vent Pipe
G 0.8	Girth of Tree 0.8m	SW	Stone Wall
GB	Grit Bin	TBL	Top of Building Level
GI	Gas Inspection Cover	TCB	Telephone Call Box
GP	Gate Post	TH	Threshold
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H 0.8	Height of Tree 0.8m	TFL	Transport for London
I/W	Iron Railing Fence	TP	Telegraph Pole
I/W	Iron Wire Fence	TWL	Top of Wall Level
IC	Inspection Cover	UTR	Unable to Raise
IL	Invert Level	V	Valve
JB	Junction Box	VP	Vent Pipe
KO	Kerb Outlet	W	Wall
LB	Litter Bin	W/M	Wiremesh Fence
LP	Lamp Post	WIC	Water Inspection Cover
MH	Manhole	WM	Water Meter
		WO	Wash Out

0 10 Millimetres 100

Rev.	Description	By	Date	Chk'd	Auth
FINAL		0	15.05.13	DJM	
	Purpose of issue	Rev	Date	Authorised	

Client

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Atkins Ltd
The Hub, 500 Aztec West,
Almondsbury
Bristol, BS32 4RZ
Tel: 01454 662000

Project

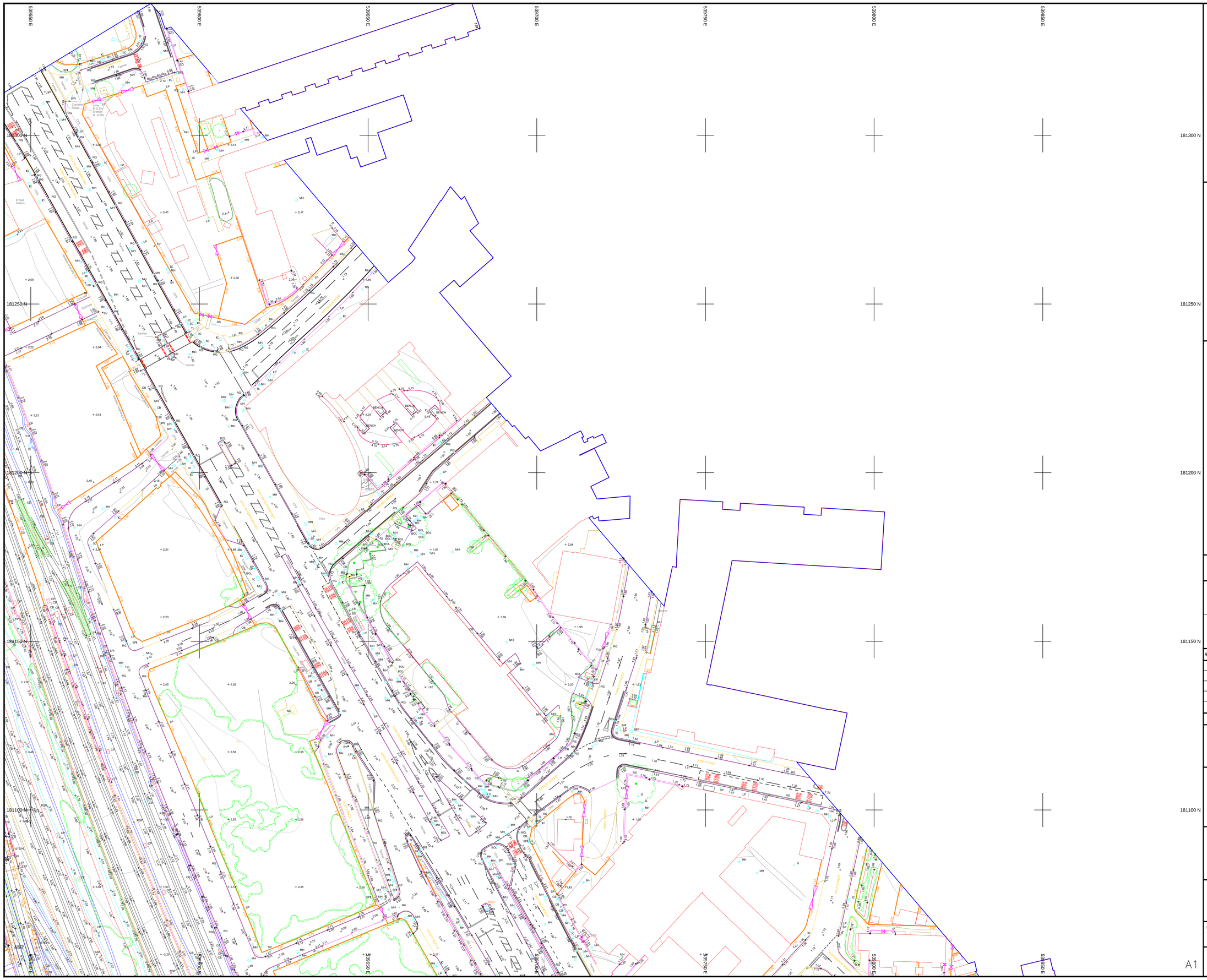
TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

Title

SILVERTOWN CROSSING TOPOGRAPHICAL SURVEY SHEET 1 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number	Rev
5118041/SM/1001	0



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	23	

Legend

ACU	Air Conditioning Unit	MKR	Marker Post
AE	Aerial	MP	Milepost
AV	Air Valve	MS	Milestone
BB	Beacon Beacon	MSI	Manhole Inspection Chamber
BL	Bed Level	NB	Notice Board
BOL	Bollard	NS	Name Sign
BOLI	Bollard Illuminated	P	Post
BS	Bus Stop	P/BW	Post and Barbed Wire Fence
BIT	BT Inspection Chamber	P/C	Post and Chain Fence
BW	Brick Wall	P/R	Post and Rail Fence
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CPS	Concrete Paving Slabs	S/PIPE	Stainless Steel Pipe
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DPC	Damp Proof Course	SOS	Emergency Telephone
EIC	Electricity Inspection Cover	SP	Sign Post
EP	Electricity Pole	SPI	Sign Post Illuminated
ER	Earth Rod	SPC	Speed Camera
FB	Flower Bed	△	Survey Station
FH	Fire Hydrant	SV	Stop Valve
G	Gully	SVP	Soil & Vent Pipe
G 0.8	Girth of Tree 0.8m	SW	Stone Wall
GB	Grit Bin	TBL	Top of Building Level
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MH	Manhole	WM	Water Meter
		WO	Wash Out

0 10 Millimetres 100

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Project

TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

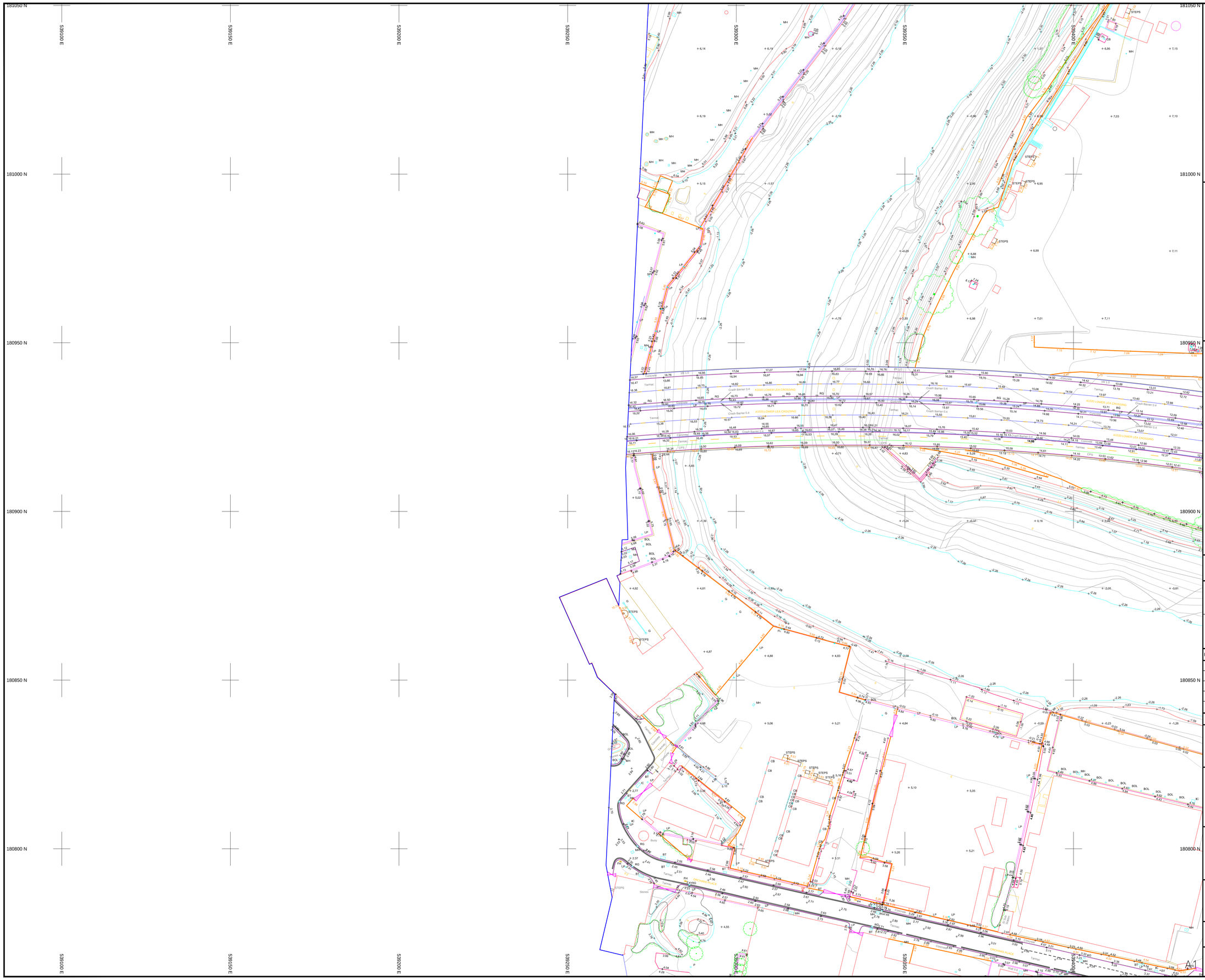
Title

SILVERTOWN CROSSING
TOPOGRAPHICAL SURVEY
SHEET 2 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number	Rev
5118041/SM/1001	0

A1



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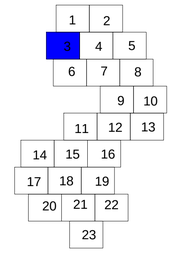

Legend

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AV	Air Valve	MS	Milestone
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BOL	Bollard	NS	Name Sign
BOLI	Bollard Illuminated	P	Post
BS	Bus Stop	P/BW	Post and Barbed Wire Fence
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Millimetres 0 10 100

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Project

TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

Title

SILVERTOWN CROSSING
TOPOGRAPHICAL SURVEY
SHEET 3 of 23

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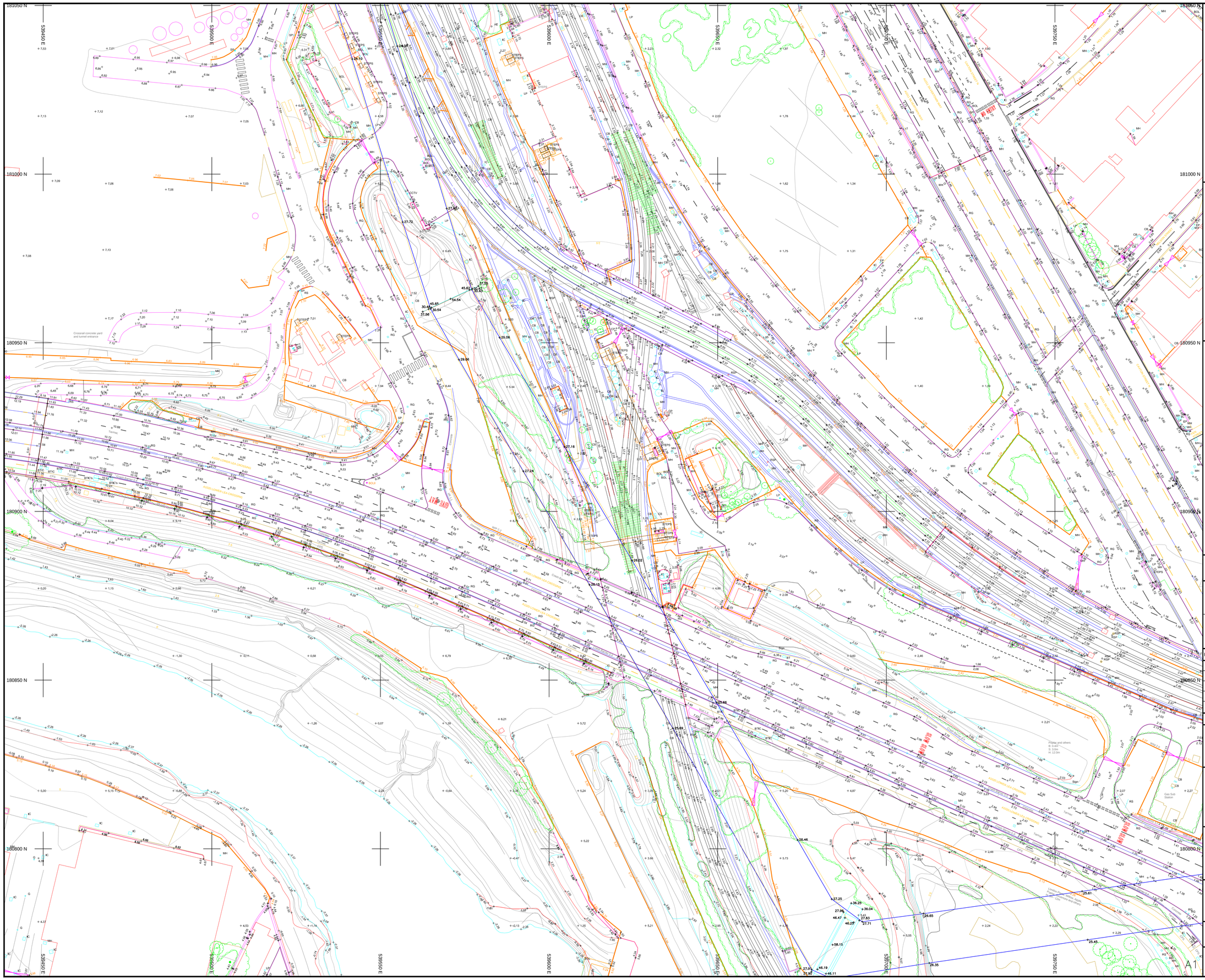
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number	Rev
5118041/SM/1001	0



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TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

Title

SILVERTOWN CROSSING TOPOGRAPHICAL SURVEY SHEET 4 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number	Rev
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A1

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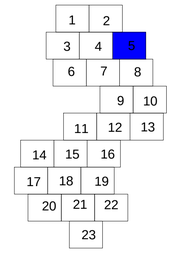

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Title

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SHEET 5 of 23

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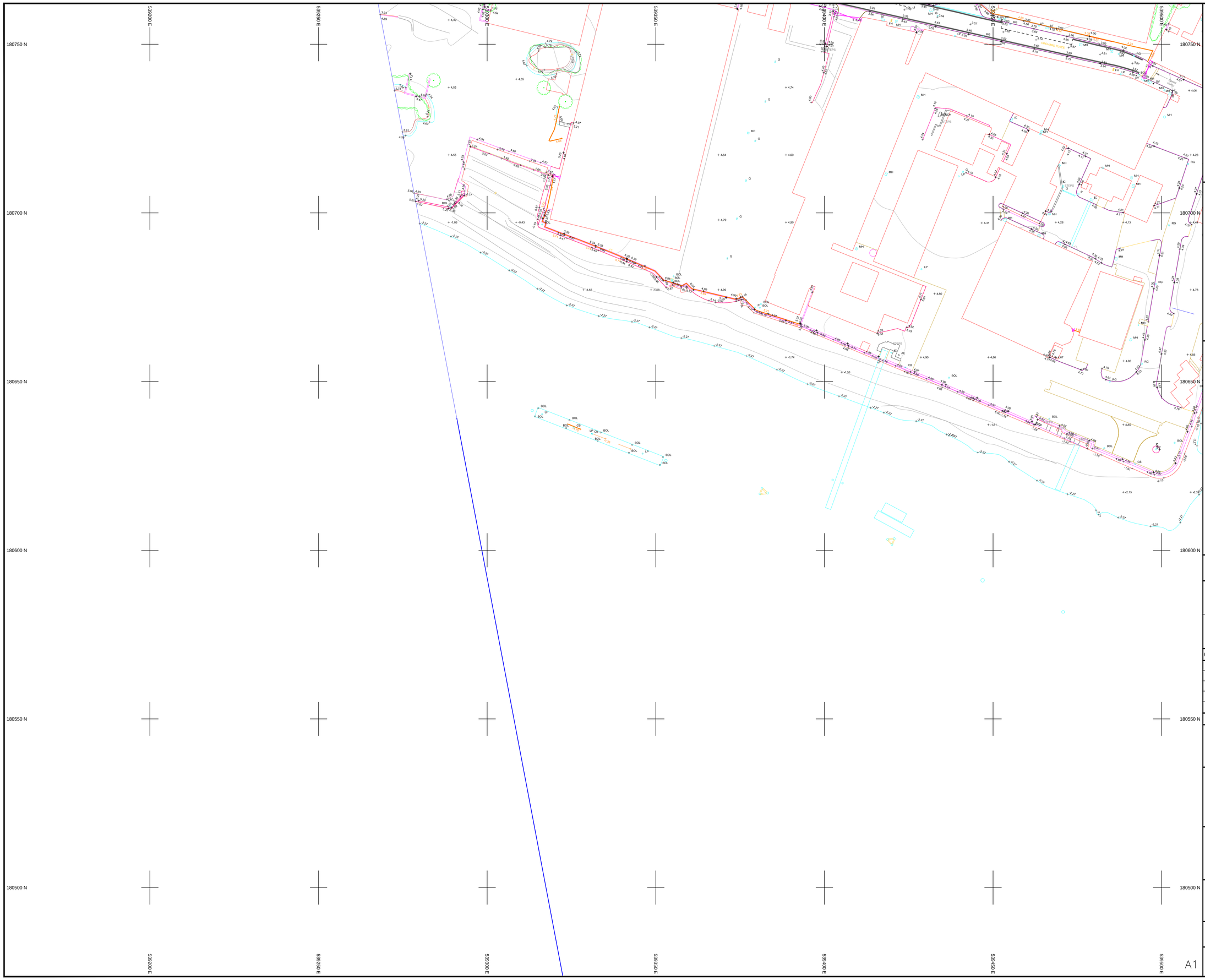
	Date 15.05.13	Date 16.05.13	Date 16.05.13

A1

Drawing Number 5118041/SM/1001

Rev 0



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Legend

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AE	Aerial
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SHEET 6 of 23

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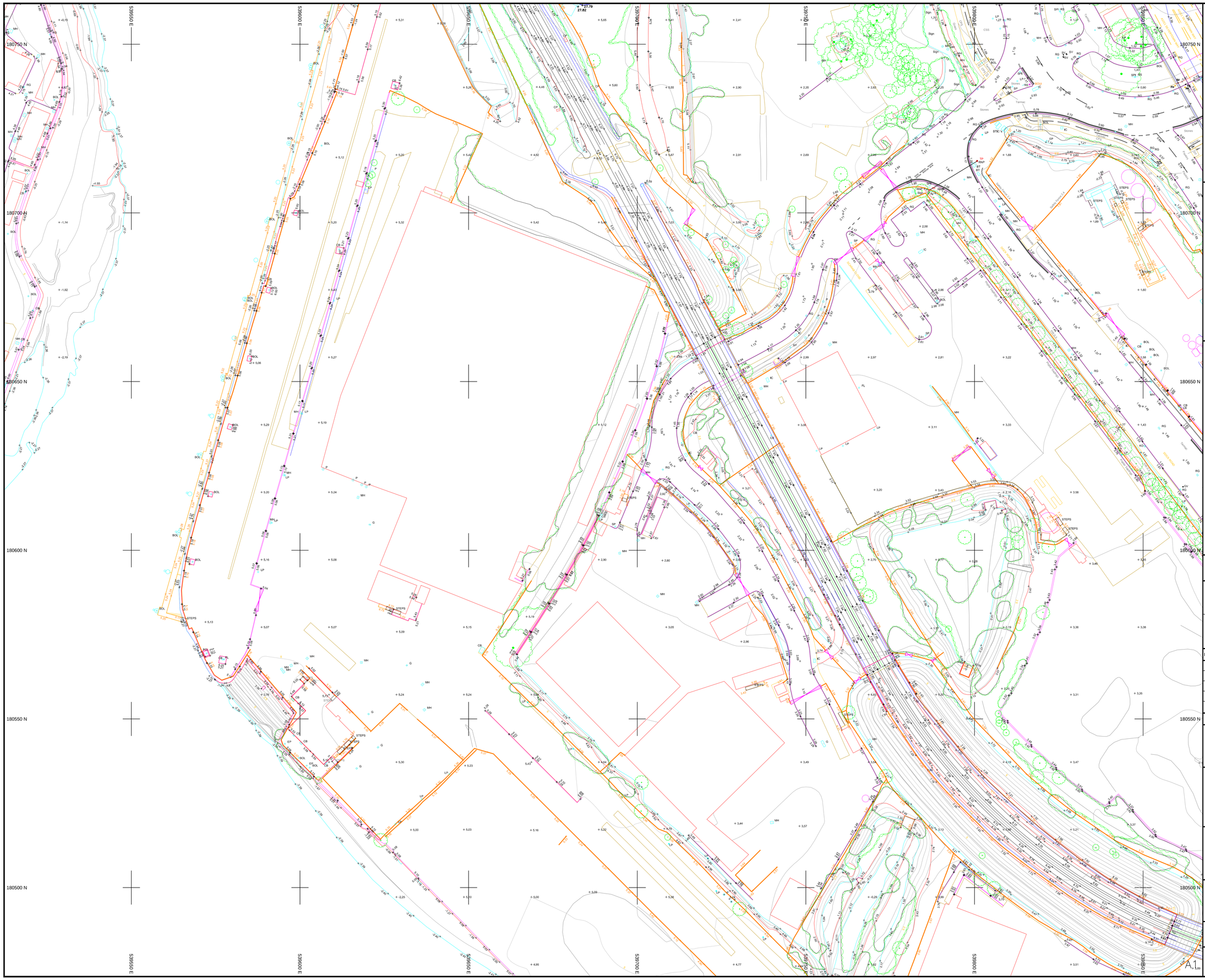
Drawing Number	Rev
5118041/SM/1001	0



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Notes

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6. The location and size of the painted road text is indicative only.

Location

1	2	
3	4	5
6	7	8
	9	10
11	12	13
14	15	16
17	18	19
20	21	22
23		

Legend

ACU	Air Conditioning Unit
AE	Aerial
AV	Air Valve
BB	Beacon Beacon
BS	Bed Level
BOL	Bollard
BOLI	Bollard Illuminated
BS	Bus Stop
BTI	BT Inspection Chamber
BW	Brick Wall
C/B	Close Boarded Fence
C/L	Corrugated Iron
C/PL	Chain Link Fence
C/P	Chestnut Paling Fence
C/PL	Corrugated Plastic
CATV	Cable Television
CB	Control Box
CCTV	Close Circuit TV
CL	Cover Level
CPS	Concrete Paving Slabs
CW	Concrete Wall
DK	Drop Kerb
DPC	Damp Proof Course
EIC	Electricity Inspection Cover
EP	Electricity Pole
ER	Earth Rod
FB	Flower Bed
FH	Fire Hydrant
G	Gully
G 0.8	Girth of Tree 0.8m
GB	Grit Bin
GIC	Gas Inspection Cover
GP	Gate Post
GV	Gas Valve
H 0.8	Height of Tree 0.8m
I/R	Iron Railing Fence
I/W	Interwoven Fence
IC	Inspection Cover
IL	Invert Level
JB	Junction Box
LB	Litter Bin
LG	Litter Grill
LP	Lamp Post
MH	Manhole
MKR	Marker Post
MP	Milepost
MS	Milestone
MSI	Manhole Inspection Chamber
NB	Notice Board
NS	Name Sign
P	Post
P/BW	Post and Barbed Wire Fence
P/C	Post and Chain Fence
P/R	Post and Rail Fence
P/W	Post and Wire Fence
PB	Post Box
PM	Parking Meter
RG	Road Gully
RLS	Railway Signal
RNP	Road Name Plate
RP	Reflector Post
RS	Road Sign
RW	Retaining Wall
SCP	Stopcock Cover Pipe
SC	Stop Cock
SIG	Signal
SOS	Emergency Telephone
SP	Sign Post
SPI	Sign Post Illuminated
SPC	Speed Camera
SS	Survey Station
ST	Stop Tap
SVP	Soil & Vent Pipe
SW	Stone Wall
TBL	Top of Building Level
TCB	Telephone Call Box
TH	Threshold
TL	Traffic Light
TFL	Transport for London
TP	Telegraph Pole
TWL	Top of Wall Level
UTR	Unable to Raise
V	Valve
VP	Vent Pipe
W	Well
W/M	Wiremesh Fence
WIC	Water Inspection Cover
WM	Water Meter
WO	Wash Out

0 10 Millimetres 100

Rev.	Description	By	Date	Chk'd	Auth
FINAL		0	15.05.13	DJM	
	Purpose of issue	Rev	Date	Authorised	

Client

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Atkins Ltd
The Hub, 500 Aztec West,
Almondsbury
Bristol, BS32 4RZ
Tel: 01454 662000

Project

TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

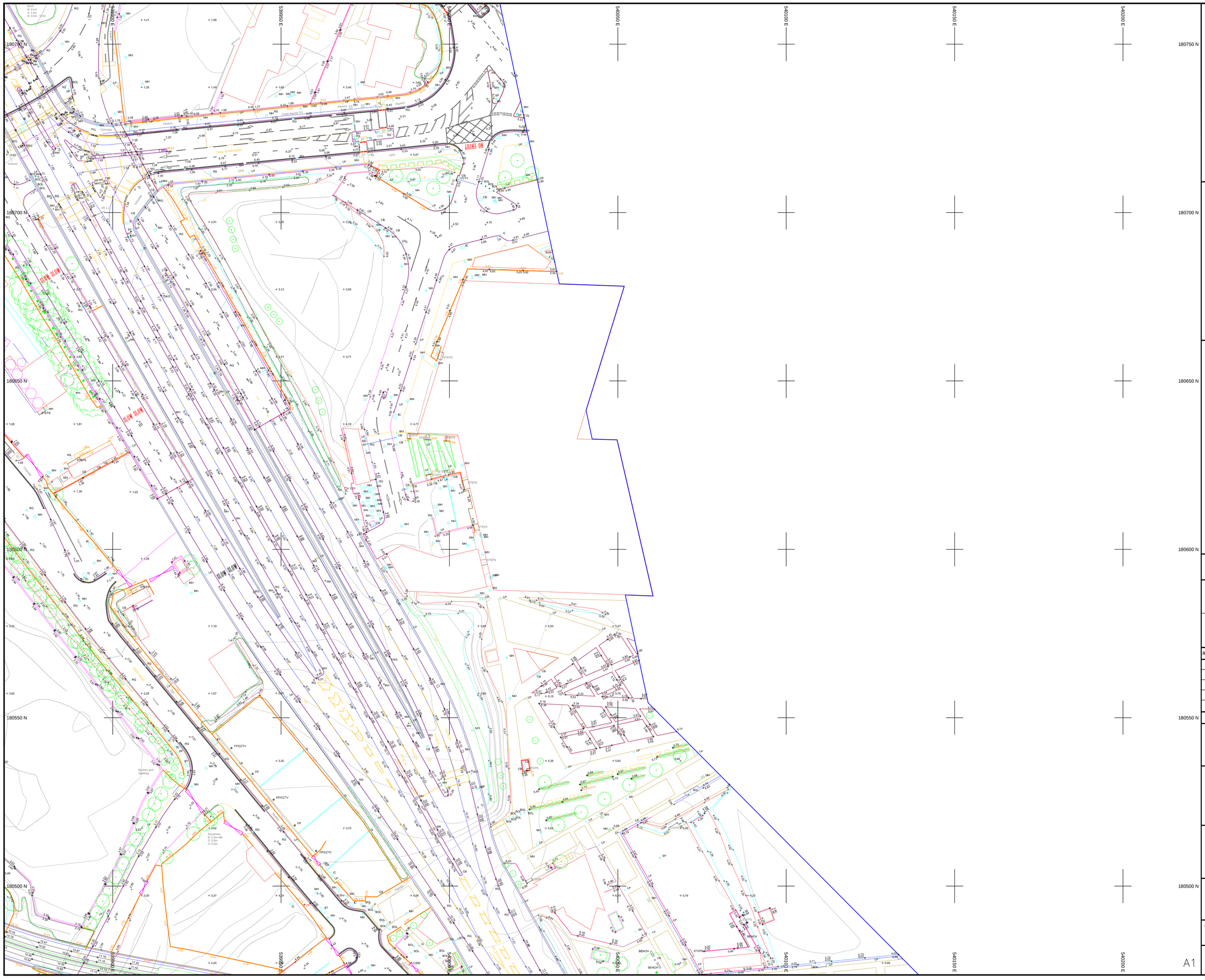
Title

SILVERTOWN CROSSING TOPOGRAPHICAL SURVEY SHEET 7 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number 5118041/SM/1001

Rev 0


ATKINS
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6. The location and size of the painted road text is indicative only.
Location
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Legend
ACU Air Conditioning Unit
AE Aerial
AV Air Valve
BB Bus Stop Beacon
BL Bed Level
BOL Bollard
BOLI Bollard Illuminated
BS Bus Stop
BT BT Inspection Chamber
BW Brick Wall
C/B Close Boarded Fence
C/L Corrugated Iron
C/P Chain Link Fence
C/PL Chestnut Paling Fence
C/PL Corrugated Plastic
CATV Cable Television
CB Control Box
CCTV Close Circuit TV
CL Cover Level
CPS Concrete Paving Slabs
CW Concrete Wall
DK Drop Kerb
DPC Damp Proof Course
EIC Electricity Inspection Cover
EP Electricity Pole
ER Earth Rod
FB Flower Bed
FH Fire Hydrant
G Gully
G 0.8 Girth of Tree 0.8m
GB Grit Bin
GIC Gas Inspection Cover
GP Gate Post
GV Gas Valve
H 0.8 Height of Tree 0.8m
I/R Iron Railing Fence
I/W Iron Wire Fence
IC Inspection Cover
IL Invert Level
JB Junction Box
KO Kerb Outlet
LB Litter Bin
LP Lamp Post
MH Manhole
MKR Marker Post
MP Milepost
MS Milestone
MT Manhole Inspection Chamber
NB Notice Board
NS Name Sign
P Post
P/BW Post and Barbed Wire Fence
P/C Post and Chain Fence
P/R Post and Rail Fence
P/W Post and Wire Fence
PB Post Box
PM Parking Meter
RG Road Gully
RLS Railway Signal
RNP Road Name Plate
RP Reflector Post
RS Road Sign
RW Retaining Wall
SCP Stop Cock Pipe
SC Stop Cock
SIG Signal
SOS Emergency Telephone
SP Sign Post
SPI Sign Post Illuminated
SPC Speed Camera
SS Survey Station
ST Stop Valve
SVP Soil & Vent Pipe
SW Stone Wall
TBL Top of Building Level
TCB Telephone Call Box
TH Threshold
TL Traffic Light
TFL Transport for London
TP Telegraph Pole
TWL Top of Wall Level
UTR Unable to Raise
V Valve
VP Vent Pipe
W Wall
W/M Wiremesh Fence
WC Water Inspection Cover
WM Water Meter
WO Wash Out
0 10 Millimetres 100
Rev. Description By Date Chk'd Auth
FINAL 0 15.05.13 DJM
Purpose of issue Rev Date Authorised
Client
TRANSPORT FOR LONDON
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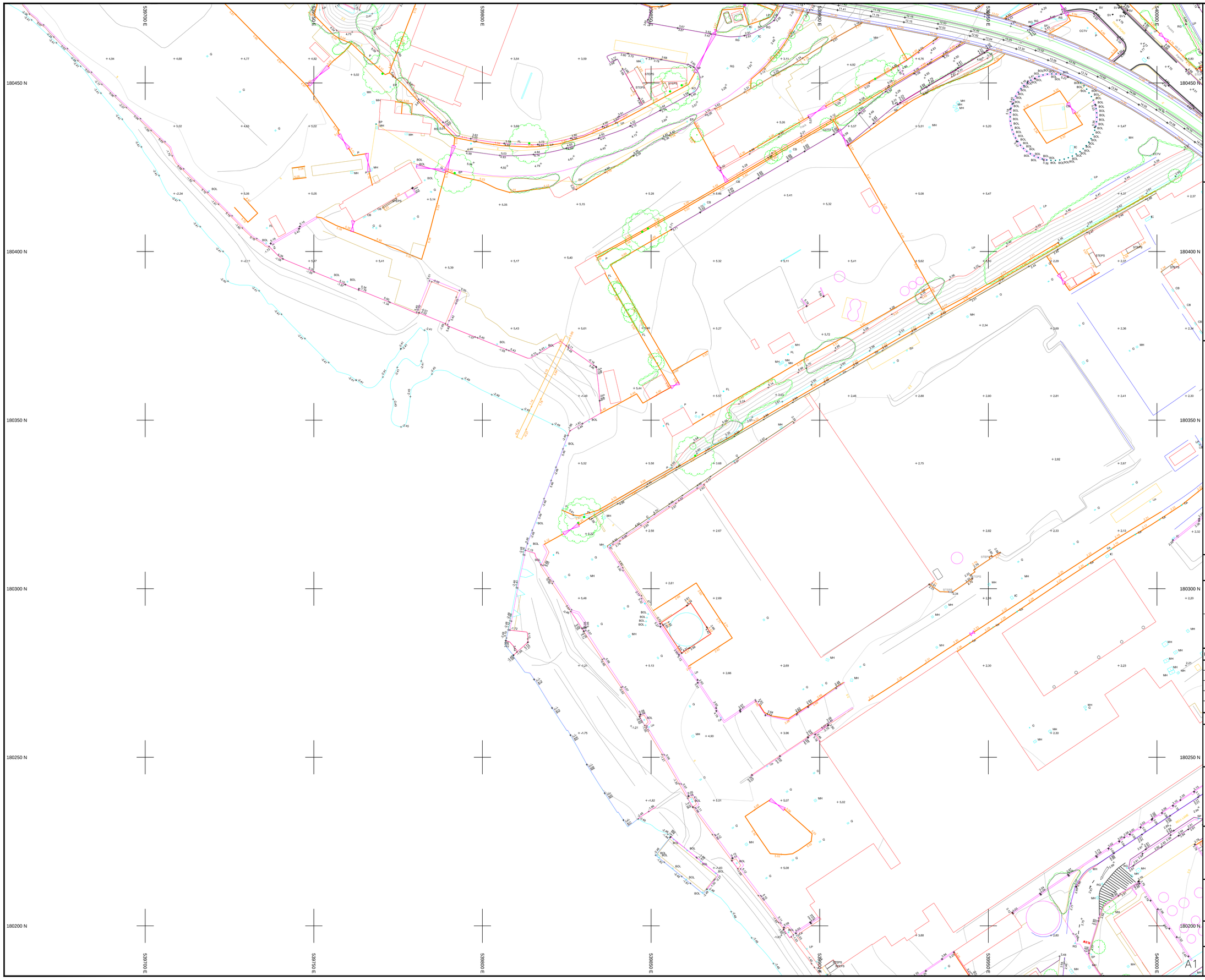
Atkins Ltd
The Hub, 500 Aztec West,
Almondsbury
Bristol, BS32 4RZ
Tel: 01454 662000
Project
TASK 86 SILVERTOWN CROSSING
AND GALLEONS REACH
AERIAL SURVEY
Title
SILVERTOWN CROSSING
TOPOGRAPHICAL SURVEY
SHEET 8 of 23
Original Scale 1:500
Drawn MP Date 15.05.13
Checked KRB Date 16.05.13
Authorised DJM Date 16.05.13
Drawing Number 5118041/SM/1001
Rev 0
A1



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Location

1	2	
3	4	5
6	7	8
	9	10
11	12	13
14	15	16
17	18	19
20	21	22
23		

Legend

ACU	Air Conditioning Unit	MKR	Marker Post
AE	Aerial	MP	Milepost
AV	Air Valve	MS	Milestone
BB	Bell Bollard Beacon	MIC	Manhole Inspection Chamber
BL	Bed Level	NB	Notice Board
BOL	Bollard	NS	Name Sign
BOLI	Bollard Illuminated	P	Post
BS	Bus Stop	P/BW	Post and Barbed Wire Fence
BIT	BT Inspection Chamber	P/C	Post and Chain Fence
BW	Brick Wall	P/R	Post and Rail Fence
C/B	Close Boarded Fence	P/W	Post and Wire Fence
C/L	Corrugated Iron	PB	Post Box
C/S	Cycle Stand	PM	Parking Meter
C/P	Chestnut Paling Fence	RC	Road Gully
C/PL	Corrugated Plastic	RLS	Railway Signal
CATV	Cable Television	RNP	Road Name Plate
CB	Control Box	RP	Reflector Post
CCTV	Close Circuit TV	RS	Road Sign
CL	Cover Level	RW	Retaining Wall
CPS	Concrete Paving Slabs	SCP	Screened Pipe
CW	Concrete Wall	SC	Stop Cock
DK	Drop Kerb	SIG	Signal
DPC	Damp Proof Course	SOS	Emergency Telephone
EIC	Electricity Inspection Cover	SP	Sign Post
EP	Electricity Pole	SPI	Sign Post Illuminated
ER	Earth Rod	SPC	Speed Camera
FB	Flower Bed	SS	Survey Station
FH	Fire Hydrant	SV	Stop Valve
FL	Floor Level	SVP	Soil Vent Pipe
G 0.8	Girth of Tree 0.8m	SW	Stone Wall
GB	Grit Bin	TBL	Top of Building Level
GIC	Gas Inspection Cover	TCB	Telephone Call Box
GP	Gate Post	TH	Threshold
GV	Gas Valve	TL	Traffic Light
H 0.8	Height of Tree 0.8m	TFL	Transport for London
I/R	Iron Railing Fence	TP	Telegraph Pole
I/W	Interwoven Fence	TWL	Top of Wall Level
IC	Inspection Cover	UTR	Unable to Raise
IL	Invert Level	V	Valve
JB	Junction Box	VP	Vent Pipe
KO	Kerb Outlet	W	Wall
LB	Litter Bin	W/M	Wiremesh Fence
LP	Lamp Post	WIC	Water Inspection Cover
MH	Manhole	WM	Water Meter
		WO	Wash Out

0 10 Millimetres 100

Rev.	Description	By	Date	Chk'd	Auth
FINAL		0	15.05.13	DJM	
	Purpose of issue	Rev	Date	Authorised	

Client

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The Hub, 500 Aztec West,
Almondsbury
Bristol, BS32 4RZ
Tel: 01454 662000

Project

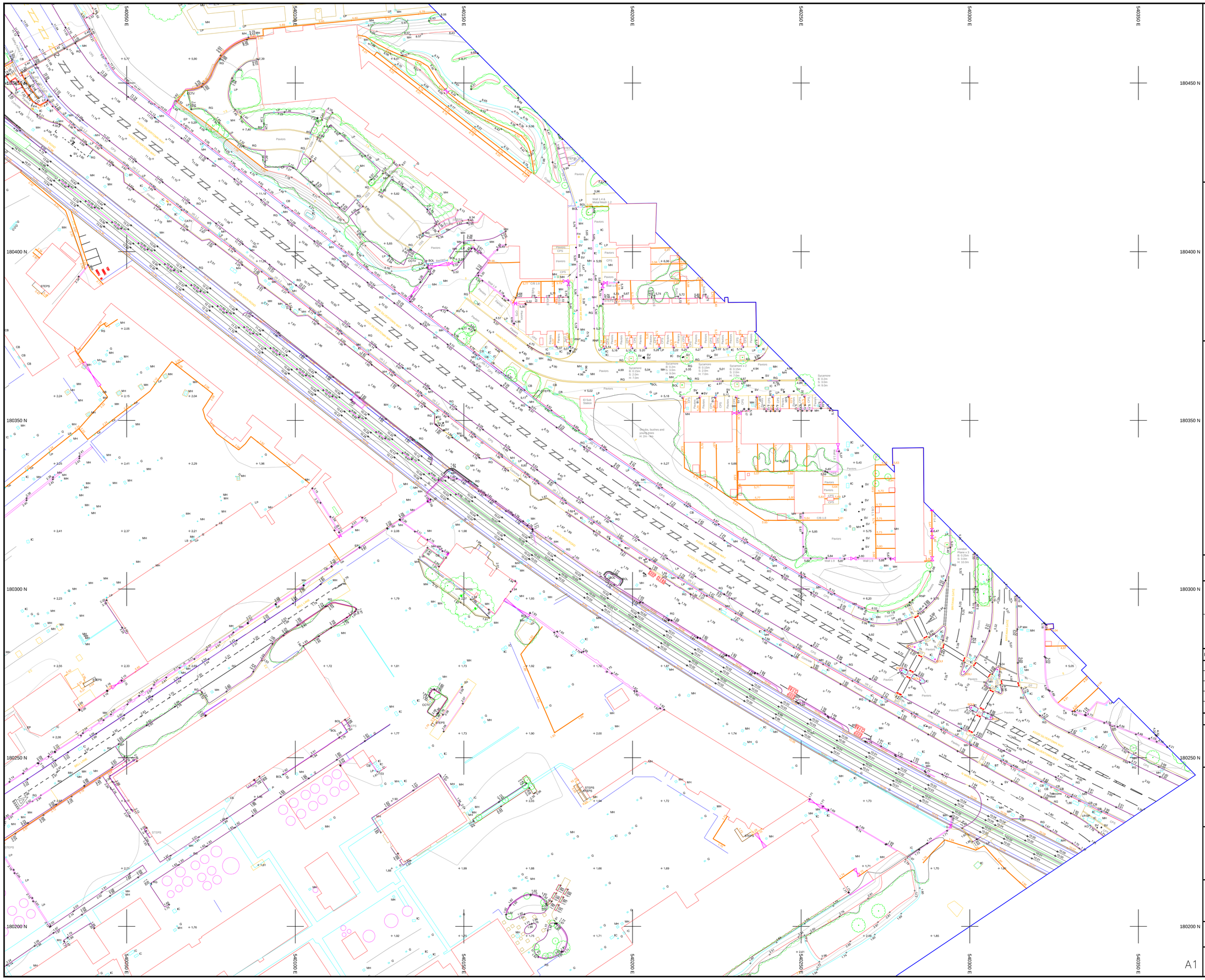
TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

Title

SILVERTOWN CROSSING
TOPOGRAPHICAL SURVEY
SHEET 9 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number	Rev
5118041/SM/1001	0



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Location

1	2	
3	4	5
6	7	8
	9	10
11	12	13
14	15	16
17	18	19
20	21	22
23		

Legend

ACU	Air Conditioning Unit
AE	Aerial
AV	Air Valve
BAS	Beacon Beacon
BL	Bed Level
BOL	Bollard
BOLI	Bollard Illuminated
BS	Bus Stop
BT	BT Inspection Chamber
BW	Brick Wall
C/B	Close Boarded Fence
C/C	Corrugated Iron
C/L	Cable Television
C/P	Chestnut Paling Fence
C/RL	Corrugated Plastic
CATV	Cable Television
CB	Control Box
CCTV	Close Circuit TV
CL	Cover Level
CPS	Concrete Paving Slabs
CW	Concrete Wall
DK	Drop Kerb
DPC	Damp Proof Course
EC	Electricity Inspection Cover
EP	Electricity Pole
ER	Earth Rod
FB	Flower Bed
FH	Fire Hydrant
FP	Fence Post
G O.8	Girth of Tree 0.8m
GB	Grit Bin
GIC	Gas Inspection Cover
GP	Gate Post
GV	Gas Valve
H O.8	Height of Tree 0.8m
I/R	Iron Railing Fence
I/W	Iron Wire Fence
IC	Inspection Cover
IL	Invert Level
JB	Junction Box
KO	Kerb Outlet
LB	Litter Bin
LP	Lamp Post
MH	Manhole
MKR	Marker Post
MP	Milepost
MS	Milestone
MT	Manhole Inspection Chamber
NB	Notice Board
NS	Name Sign
P	Post
P/BW	Post and Barbed Wire Fence
P/C	Post and Chain Fence
P/R	Post and Rail Fence
P/W	Post and Wire Fence
PB	Post Box
PM	Parking Meter
RG	Road Gully
RLS	Railway Signal
RNP	Road Name Plate
RP	Reflector Post
RS	Road Sign
RW	Retaining Wall
SCP	Stainless Steel Pipe
SC	Stop Cock
SIG	Signal
SOS	Emergency Telephone
SP	Sign Post
SPI	Sign Post Illuminated
SPC	Speed Camera
SS	Survey Station
SH	Stop Valve
SVP	Soil Vent Pipe
SW	Stone Wall
TBL	Top of Building Level
TCB	Telephone Call Box
TH	Threshold
TL	Traffic Light
TFL	Transport for London
TP	Telegraph Pole
TWL	Top of Wall Level
UTR	Unable to Raise
V	Valve
VP	Vent Pipe
W	Wall
W/M	Wiremesh Fence
WIC	Water Inspection Cover
WM	Water Meter
WO	Wash Out

0 10 Millimetres 100

Rev.	Description	By	Date	Chk'd	Auth
FINAL		0	15.05.13	DJM	

Purpose of issue	Rev	Date	Authorised

Client

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The Hub, 500 Aztec West,
Almondsbury
Bristol, BS32 4RZ
Tel: 01454 662000

Project

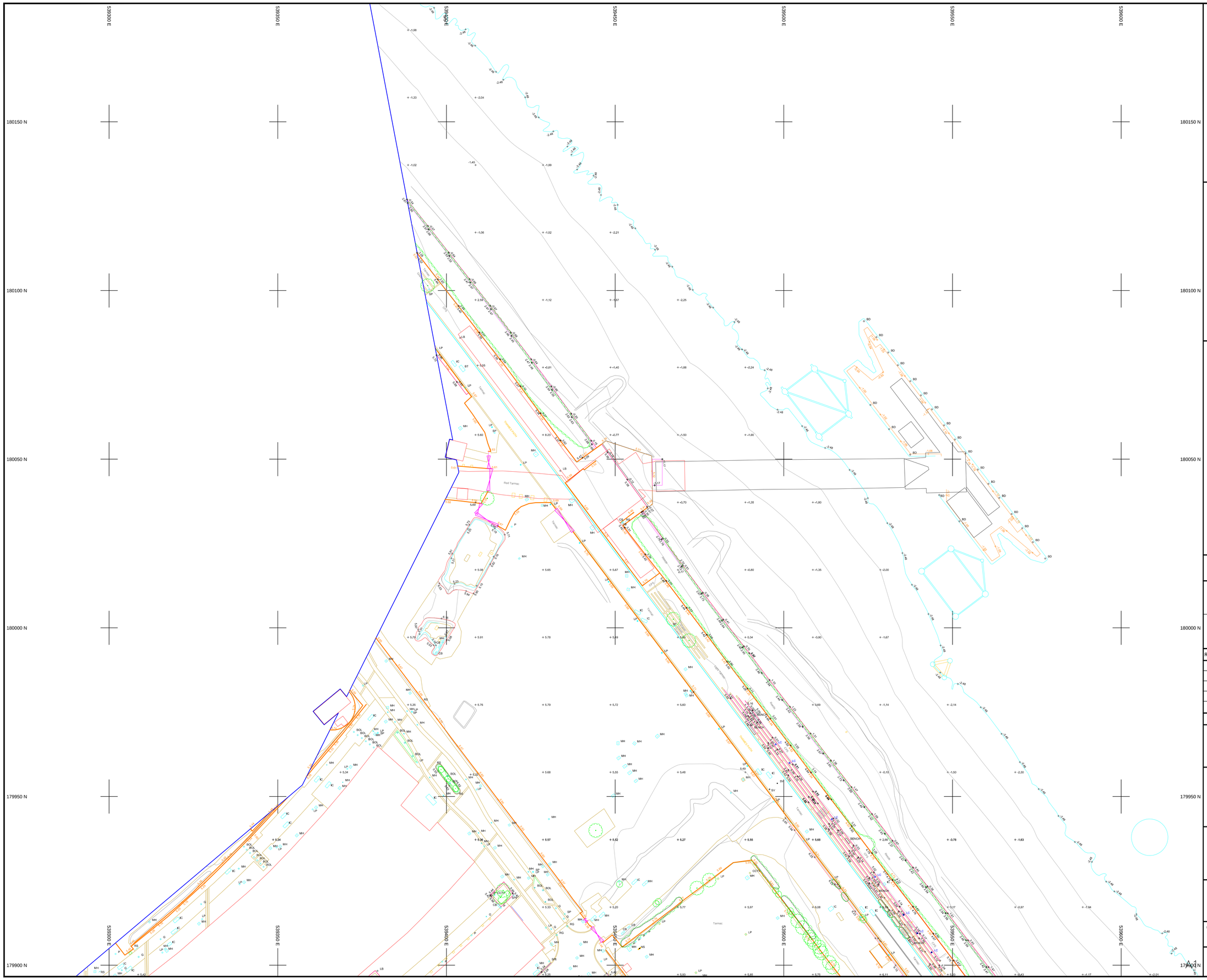
TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

Title

SILVERTOWN CROSSING TOPOGRAPHICAL SURVEY SHEET 10 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number	Rev
5118041/SM/1001	0



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Location

	1	2
3	4	5
6	7	8
	9	10
	11	12	13
14	15	16
17	18	19
20	21	22
	23	

Legend

ACU	Air Conditioning Unit	MKR	Marker Post
AE	Aerial	MP	Milepost
AV	Air Valve	MS	Milestone
BB	Bus Stop Beacon	MT	Manhole Inspection Chamber
BL	Bed Level	NB	Notice Board
BOL	Bollard	NS	Name Sign
BOLI	Bollard Illuminated	P	Post
BS	Bus Stop	P/BW	Post and Barbed Wire Fence
BT	BT Inspection Chamber	P/C	Post and Chain Fence
BW	Brick Wall	P/R	Post and Rail Fence
C/B	Close Boarded Fence	P/W	Post and Wire Fence
C/L	Corrugated Iron	PB	Post Box
C/P	Chestnut Paling	PM	Parking Meter
C/P	Chestnut Paling Fence	RG	Road Gully
C/PL	Corrugated Plastic	RLS	Railway Signal
CATV	Cable Television	RNP	Road Name Plate
CB	Control Box	RP	Reflector Post
CCTV	Close Circuit TV	RS	Road Sign
CL	Cover Level	RW	Retaining Wall
CPS	Concrete Paving Slabs	SD	Surface Water Pipe
CW	Concrete Wall	SC	Stop Cock
DK	Drop Kerb	SIG	Signal
DPC	Damp Proof Course	SOS	Emergency Telephone
EC	Electricity Inspection Cover	SP	Sign Post
EP	Electricity Pole	SPI	Sign Post Illuminated
ER	Earth Rod	SPC	Speed Camera
FB	Flower Bed	SA	Survey Station
FH	Fire Hydrant	SN	Stop Notice
FP	Fence Post	SVP	Soil & Vent Pipe
G 0.8	Girth of Tree 0.8m	SW	Stone Wall
GB	Grit Bin	TBL	Top of Building Level
GC	Gas Inspection Cover	TCB	Telephone Call Box
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I/W	Iron Railing Fence	TP	Telephone Pole
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0 10 Millimetres 100

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FINAL		0	15.05.13	DJM	
	Purpose of issue	Rev	Date	Authorised	

Client

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Atkins Ltd
The Hub, 500 Aztec West,
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Tel: 01454 662000

Project

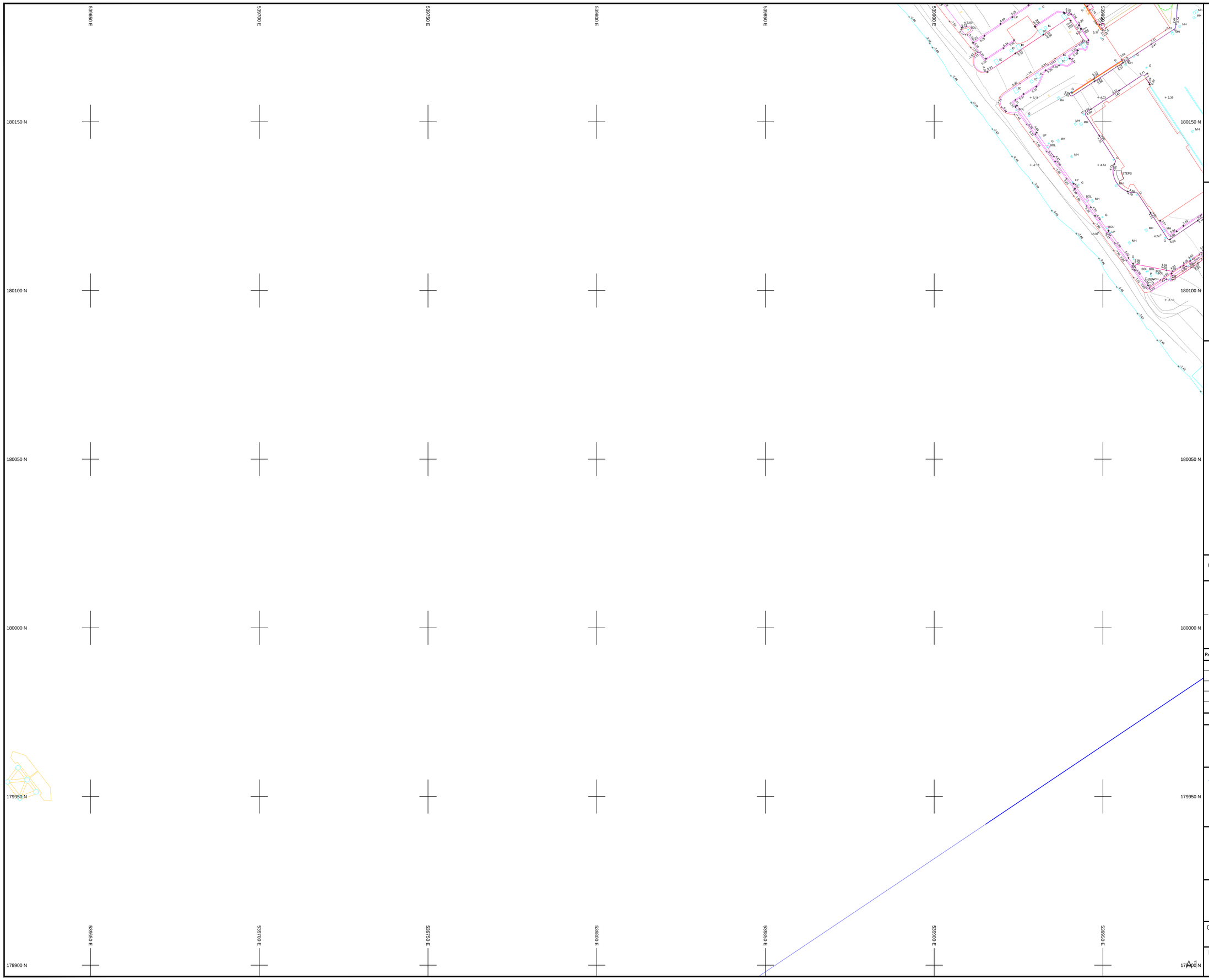
TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

Title

SILVERTOWN CROSSING
TOPOGRAPHICAL SURVEY
SHEET 11 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number	Rev
5118041/SM/1001	0



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Location

								1		2														
							3		4		5													
						6		7		8														
									9		10													
					11		12		13															
				14		15		16																
			17		18		19																	
		20		21		22																		
	23																							

Legend

ACU	Air Conditioning Unit	MKR	Marker Post
AE	Aerial	MP	Milepost
AV	Air Valve	MS	Milestone
BB	Beacon Beacon	MSC	Manhole Inspection Chamber
BS	Bed Level	NB	Notice Board
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DK	Drop Kerb	SIG	Signal
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0 10 Millimetres 100

Rev.	Description	By	Date	Chk'd	Auth
FINAL		0	15.05.13	DJM	
	Purpose of issue	Rev	Date	Authorised	

Client

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Atkins Ltd
The Hub, 500 Aztec West,
Almondsbury
Bristol, BS32 4RZ
Tel: 01454 662000

Project

TASK 86 SILVERTOWN CROSSING
AND GALLEONS REACH
AERIAL SURVEY

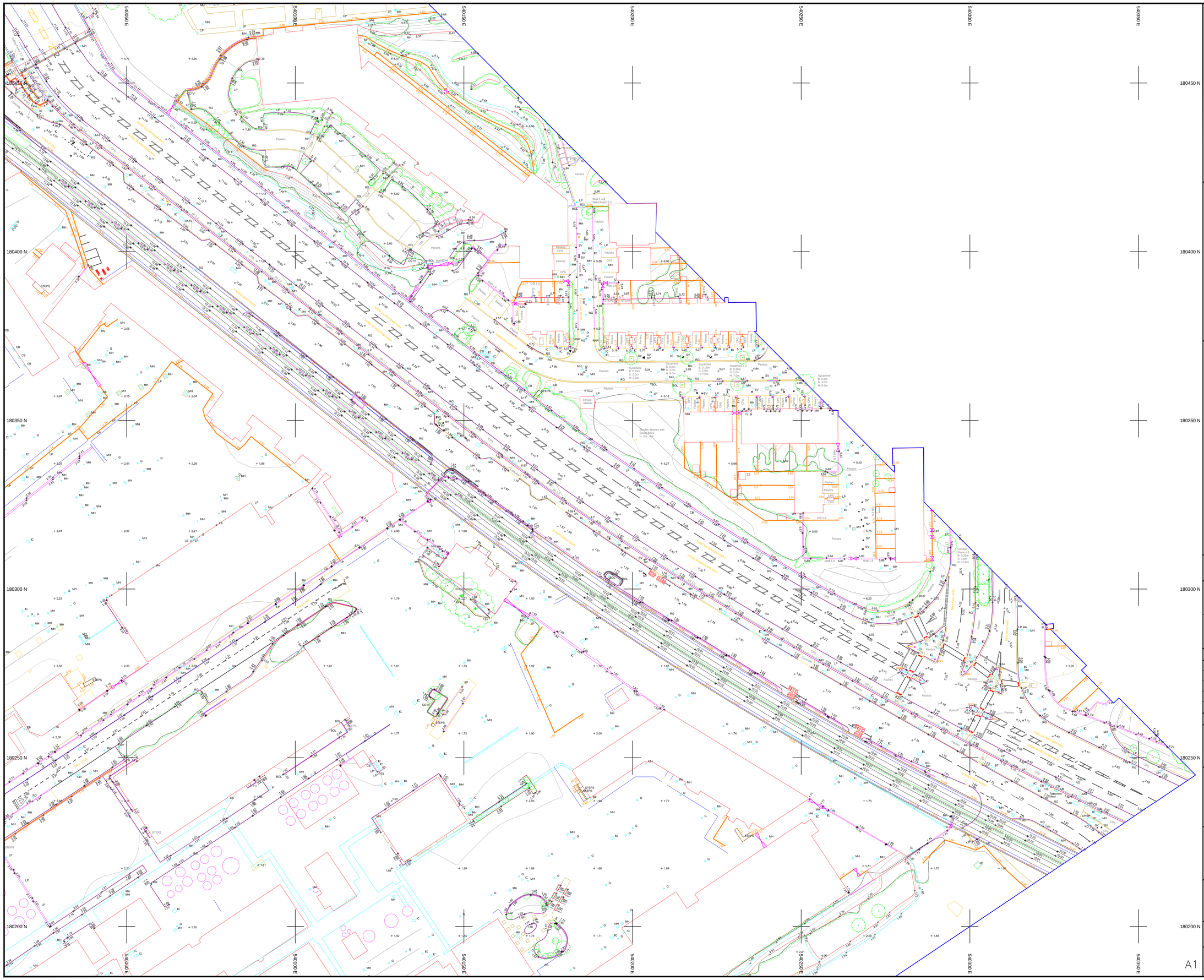
Title

SILVERTOWN CROSSING
TOPOGRAPHICAL SURVEY
SHEET 12 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number	Rev
5118041/SM/1001	0

A1



ATKINS

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6. The location and size of the painted road text is indicative only.

Location

1	2	
3	4	5
6	7	8
	9	10
	11	12
13		
14	15	16
17	18	19
20	21	22
23		

Legend

ACU	Air Conditioning Unit	MKR	Marker Post
AE	Aerial	MP	Milepost
AV	Air Valve	MS	Milestone
BB	Beacon Beacon	MIC	Manhole Inspection Chamber
BL	Bed Level	NB	Notice Board
BOL	Bollard	NS	Name Sign
BOLI	Bollard Illuminated	P	Post
BS	Bus Stop	P/BW	Post and Barbed Wire Fence
BIT	BT Inspection Chamber	P/C	Post and Chain Fence
BW	Brick Wall	P/R	Post and Rail Fence
C/B	Close Boarded Fence	P/W	Post and Wire Fence
C/I	Corrugated Iron	PB	Post Box
C/L	Cycle Locker	PM	Parking Meter
C/P	Chestnut Paling Fence	RI	Road Gully
C/PL	Corrugated Plastic	RLS	Railway Signal
CATV	Cable Television	RNP	Road Name Plate
CB	Control Box	RP	Reflector Post
CCTV	Close Circuit TV	RS	Road Sign
CL	Cover Level	RW	Retaining Wall
CPS	Concrete Paving Slabs	SCP	Stopcock Pipe
CW	Concrete Wall	SC	Stop Cock
DK	Drop Kerb	SIG	Signal
DPC	Damp Proof Course	SOS	Emergency Telephone
ECI	Electricity Inspection Cover	SP	Sign Post
EP	Electricity Pole	SPI	Sign Post Illuminated
ER	Earth Rod	SPC	Speed Camera
FB	Flower Bed	SS	Survey Station
FH	Fire Hydrant	SB	Stop Button
FL	Fence	SVP	Soil Vent Pipe
G 0.8	Girth of Tree 0.8m	SW	Stone Wall
GB	Grit Bin	TBL	Top of Building Level
GI	Gas Inspection Cover	TCB	Telephone Call Box
GP	Gate Post	TH	Threshold
GV	Gas Valve	TL	Traffic Light
H 0.8	Height of Tree 0.8m	TFL	Transport for London
I/R	Iron Railing Fence	TP	Telegraph Pole
I/W	Iron Wire Fence	TWL	Top of Wall Level
IC	Inspection Cover	UTR	Unable to Raise
IL	Invert Level	V	Valve
JB	Junction Box	VP	Vent Pipe
KO	Kerb Outlet	W	Wall
LB	Litter Bin	W/M	Wiremesh Fence
LP	Lamp Post	WIC	Water Inspection Cover
MH	Manhole	WM	Water Meter
		WO	Wash Out

0 10 Millimetres 100

Rev.	Description	By	Date	Chk'd	Auth
FINAL		0	15.05.13	DJM	

Purpose of issue	Rev	Date	Authorised

Client

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Almondsbury
Bristol, BS32 4RZ
Tel: 01454 662000

Project

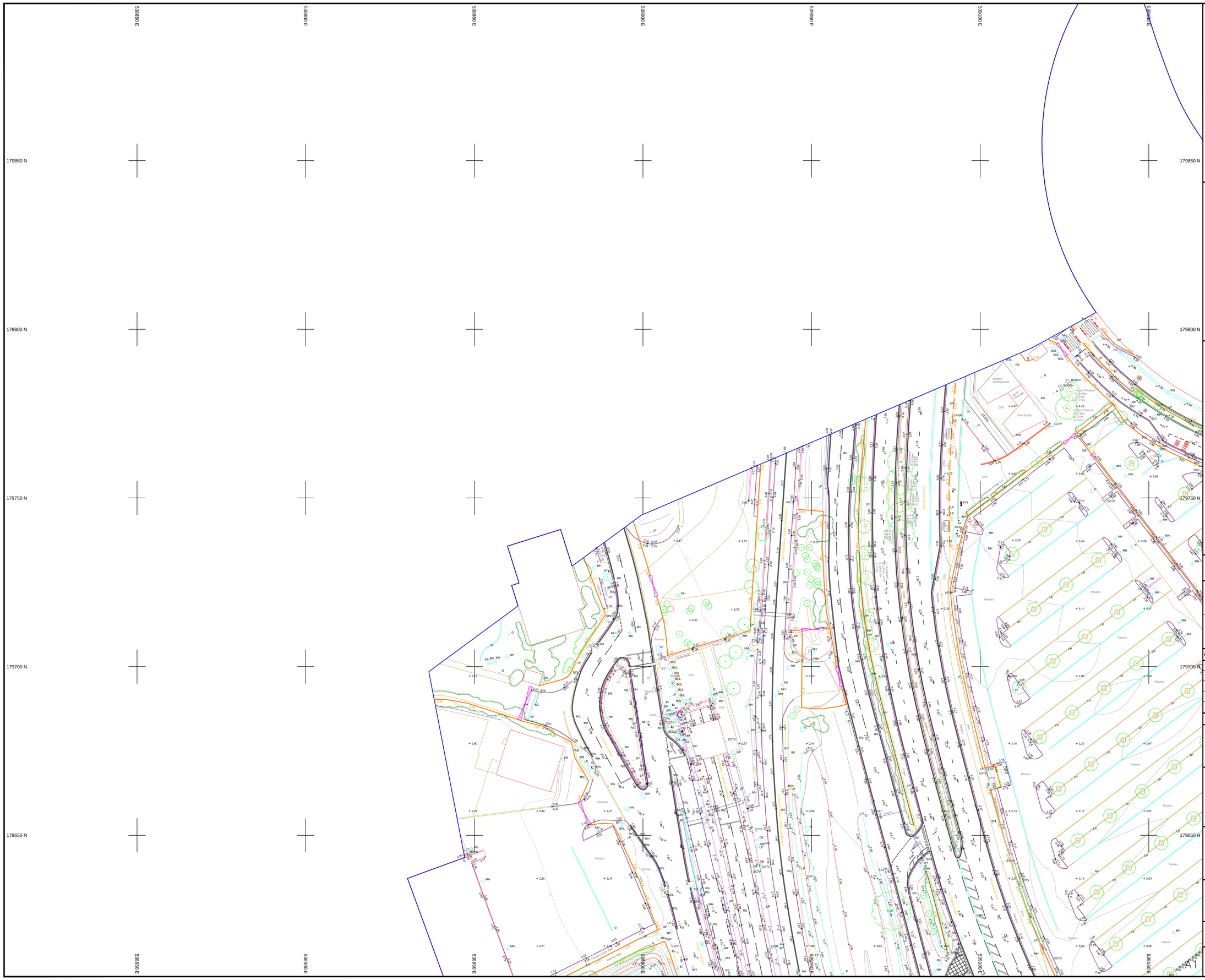
TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

Title

SILVERTOWN CROSSING TOPOGRAPHICAL SURVEY SHEET 13 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number	Rev
5118041/SM/1001	0



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Location

						1	2					
					3	4	5					
				6	7	8						
						9	10					
					11	12	13					
				14	15	16						
			17	18	19							
		20	21	22								
	23											

Legend

ACU	Air Conditioning Unit	MKR	Marker Post
AE	Aerial	MP	Milepost
AV	Air Valve	MS	Milestone
BB	Bell Bollard Beacon	MSI	Manhole Inspection Chamber
BL	Bed Level	NB	Notice Board
BOL	Bollard	NS	Name Sign
BOLI	Bollard Illuminated	P	Post
BS	Bus Stop	P/BW	Post and Barbed Wire Fence
BIT	BT Inspection Chamber	P/C	Post and Chain Fence
BW	Brick Wall	P/R	Post and Rail Fence
C/B	Close Boarded Fence	P/W	Post and Wire Fence
C/L	Corrugated Iron	PB	Post Box
C/P	Chestnut Pale Fence	PM	Parking Meter
C/P	Chestnut Paling Fence	RG	Road Gully
C/PL	Corrugated Plastic	RLS	Railway Signal
CATV	Cable Television	RNP	Road Name Plate
CB	Control Box	RP	Reflector Post
CCTV	Close Circuit TV	RS	Road Sign
CL	Cover Level	RW	Retaining Wall
CPS	Concrete Paving Slabs	SDP	Surface Water Pipe
CW	Concrete Wall	SC	Stop Cock
DK	Drop Kerb	SIG	Signal
DPC	Damp Proof Course	SOS	Emergency Telephone
EIC	Electricity Inspection Cover	SP	Sign Post
EP	Electricity Pole	SPI	Sign Post Illuminated
ER	Earth Rod	SPC	Speed Camera
FB	Flower Bed	SS	Survey Station
FH	Fire Hydrant	SV	Stop Valve
FL	Fence Line	SVP	Soil Vent Pipe
G 0.8	Girth of Tree 0.8m	SW	Stone Wall
GB	Grit Bin	TBL	Top of Building Level
GIC	Gas Inspection Cover	TCB	Telephone Call Box
GP	Gate Post	TH	Threshold
GV	Gas Valve	TL	Traffic Light
H 0.8	Height of Tree 0.8m	TFL	Transport for London
I/W	Iron Railing Fence	TP	Telephone Pole
I/W	Iron Railing Fence	TWL	Top of Wall Level
IC	Inspection Cover	UTR	Unable to Raise
IL	Invert Level	V	Valve
JB	Junction Box	VP	Vent Pipe
KD	Kerb Outlet	W	Wall
LB	Litter Bin	W/M	Wiremesh Fence
LP	Lamp Post	WIC	Water Inspection Cover
MH	Manhole	WM	Water Meter
		WO	Wash Out

0 10 Millimetres 100

Rev.	Description	By	Date	Chk'd	Auth
FINAL		0	15.05.13	DJM	
	Purpose of issue	Rev	Date	Authorised	

Client

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The Hub, 500 Aztec West,
Almondsbury
Bristol, BS32 4RZ
Tel: 01454 662000

Project

TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

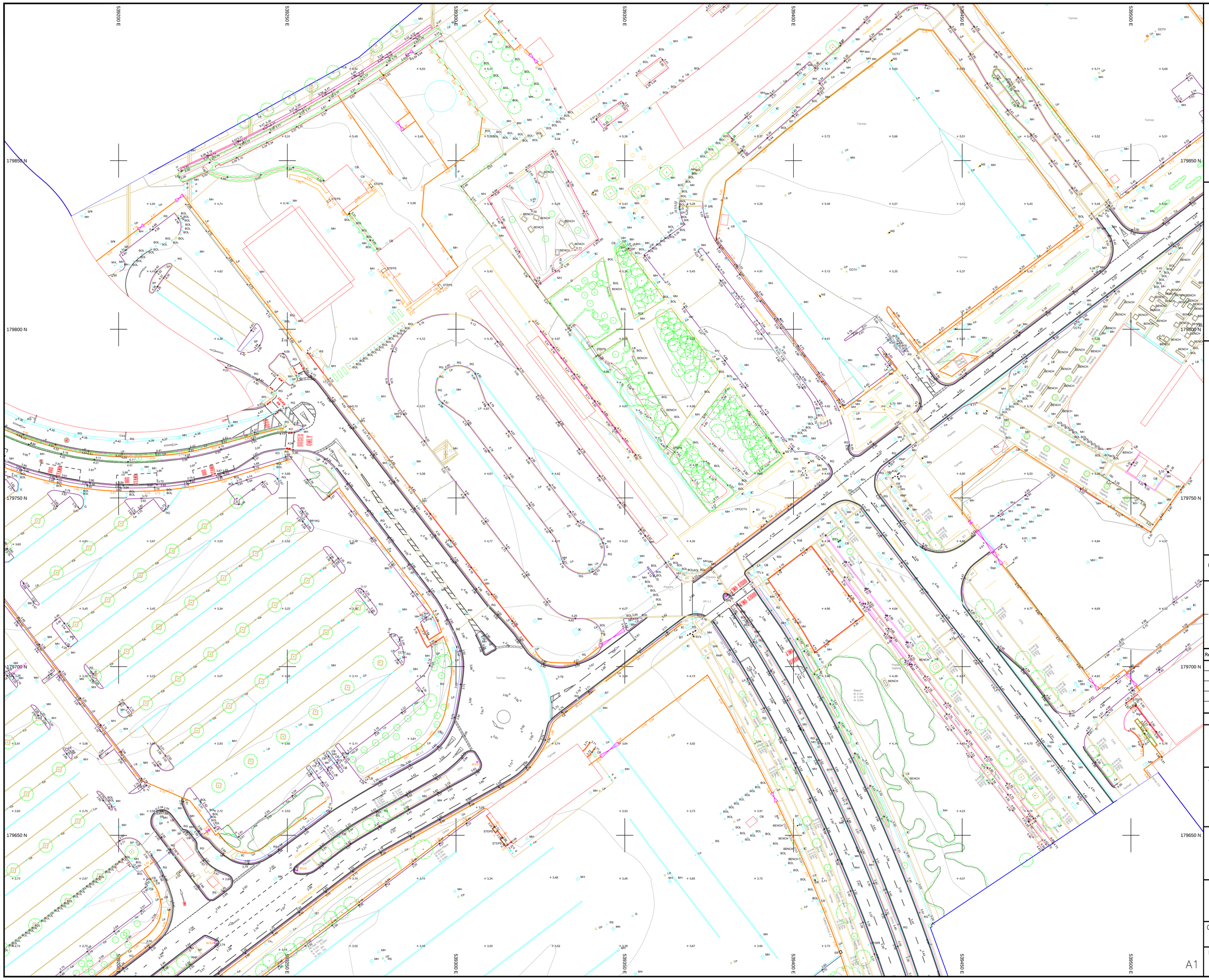
Title

SILVERTOWN CROSSING
TOPOGRAPHICAL SURVEY
SHEET 14 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number: 5118041/SM/1001

Rev: 0



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Location

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					3	4	5					
				6	7	8						
						9	10					
					11	12	13					
			14	15	16							
		17	18	19								
		20	21	22								
			23									

Legend

ACU	Air Conditioning Unit	MKR	Marker Post
AE	Aerial	MP	Milepost
AV	Air Valve	MS	Milestone
BA	Bus Stop Beacon	MT	Manhole Inspection Chamber
BL	Bed Level	NB	Notice Board
BOL	Bollard	NS	Name Sign
BOLI	Bollard Illuminated	P	Post
BS	Bus Stop	P/BW	Post and Barbed Wire Fence
BT	BT Inspection Chamber	P/C	Post and Chain Fence
BW	Brick Wall	P/R	Post and Rail Fence
C/B	Close Boarded Fence	P/W	Post and Wire Fence
C/C	Corrugated Iron	PB	Post Box
C/L	Chain Link Fence	PM	Parking Meter
C/P	Chestnut Paling Fence	RG	Road Gully
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CATV	Cable Television	RNP	Road Name Plate
CB	Control Box	RP	Reflector Post
CCTV	Close Circuit TV	RS	Road Sign
CL	Cover Level	RW	Retaining Wall
CPS	Concrete Paving Slabs	SD	Surface Water Pipe
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DK	Drop Kerb	SIG	Signal
DPC	Damp Proof Course	SOS	Emergency Telephone
EC	Electricity Inspection Cover	SP	Sign Post
EP	Electricity Pole	SPI	Sign Post Illuminated
ER	Earth Rod	SPC	Speed Camera
FB	Flower Bed	SS	Survey Station
FH	Fire Hydrant	SV	Stop Valve
FL	Fence	SVP	Soil & Vent Pipe
G O.B	Girth of Tree 0.8m	SW	Stone Wall
GB	Grit Bin	TBL	Top of Building Level
GC	Gas Inspection Cover	TCB	Telephone Call Box
GP	Gate Post	TH	Threshold
GV	Gas Valve	TL	Traffic Light
H O.B	Height of Tree 0.8m	TFL	Transport for London
I/R	Iron Railing Fence	TP	Telegraph Pole
I/W	Iron Wire Fence	TWL	Top of Wall Level
IC	Inspection Cover	UTR	Unable to Raise
IL	Invert Level	V	Valve
JB	Junction Box	VP	Vent Pipe
KO	Kerb Outlet	W	Wall
LB	Litter Bin	W/M	Wiremesh Fence
LP	Lamp Post	WIC	Water Inspection Cover
MH	Manhole	WM	Water Meter
		WO	Wash Out

Millimetres 0 10 100

Rev.	Description	By	Date	Chk'd	Auth
FINAL		0	15.05.13	DJM	
	Purpose of issue	Rev	Date	Authorised	

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Almondsbury
Bristol, BS32 4RZ
Tel: 01454 662000

Project

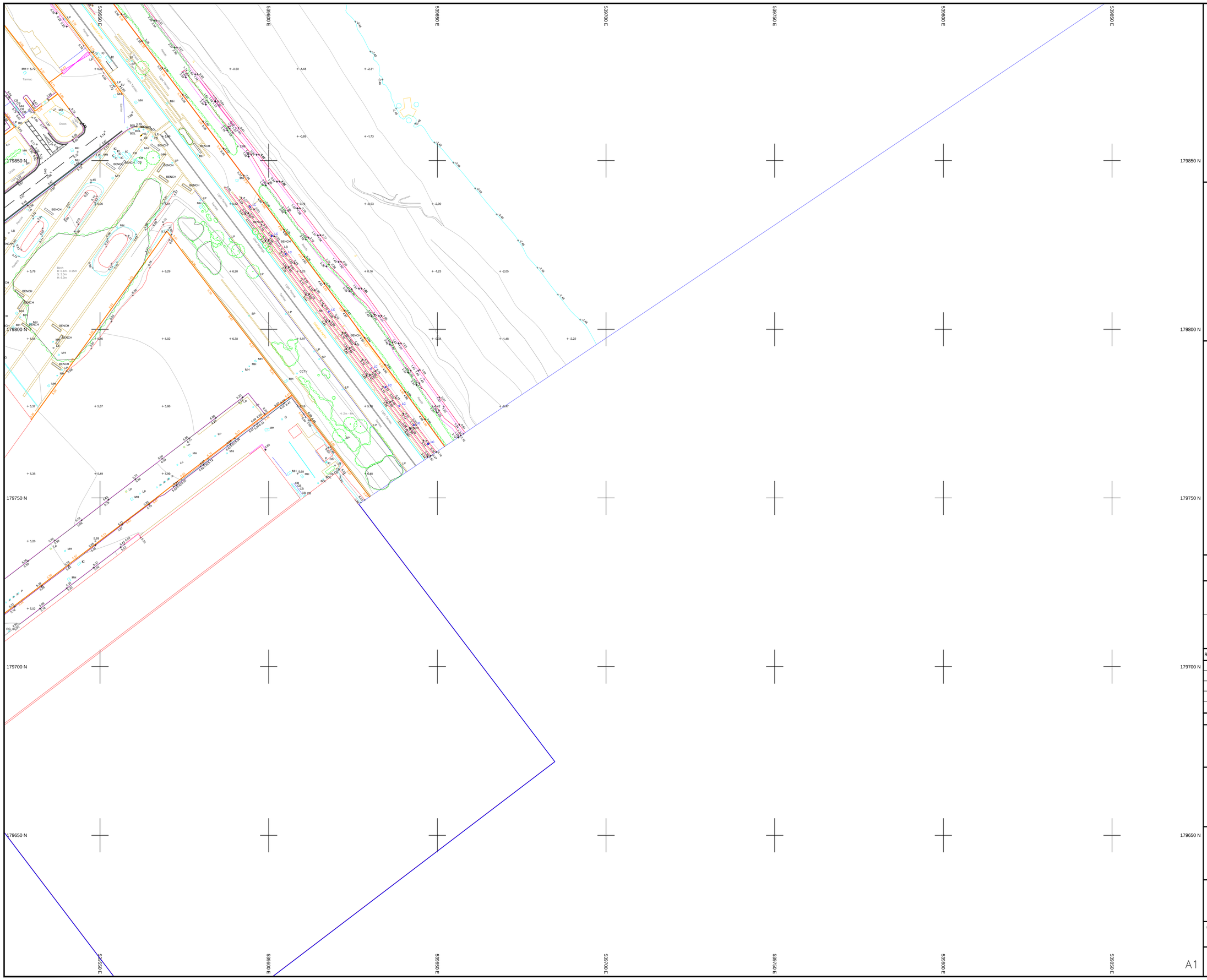
TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

Title

SILVERTOWN CROSSING
TOPOGRAPHICAL SURVEY
SHEET 15 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number	Rev
5118041/SM/1001	0



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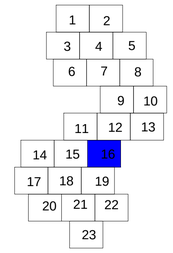
Location



Legend

ACU	Air Conditioning Unit
AE	Aerial
AV	Air Valve
BB	Beacon Beacon
BL	Bed Level
BOL	Bollard
BOLI	Bollard Illuminated
BS	Bus Stop
BT	BT Inspection Chamber
BW	Brick Wall
C/B	Close Boarded Fence
C/I	Corrugated Iron
C/L	Cable Length Marker
C/P	Chestnut Paling Fence
C/PL	Corrugated Plastic
CATV	Cable Television
CB	Control Box
CCTV	Close Circuit TV
CL	Cover Level
CPS	Concrete Paving Slabs
CW	Concrete Wall
DK	Drop Kerb
DPC	Damp Proof Course
EC	Electricity Inspection Cover
EP	Electricity Pole
ER	Earth Rod
FB	Flower Bed
FH	Fire Hydrant
G	Grate
G 0.8	Girth of Tree 0.8m
GB	Grit Bin
GC	Gas Inspection Cover
GP	Gate Post
GV	Gas Valve
H 0.8	Height of Tree 0.8m
I/R	Iron Railing Fence
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IC	Inspection Cover
IL	Invert Level
JB	Junction Box
KO	Kerb Outlet
LB	Litter Bin
LP	Lamp Post
MH	Manhole
MKR	Marker Post
MP	Milepost
MS	Milestone
MT	Manhole Inspection Chamber
NB	Notice Board
NS	Name Sign
P	Post
P/BW	Post and Barbed Wire Fence
P/C	Post and Chain Fence
P/R	Post and Rail Fence
P/W	Post and Wire Fence
PB	Post Box
PM	Parking Meter
RG	Road Gully
RLS	Railway Signal
RNP	Road Name Plate
RP	Reflector Post
RS	Road Sign
RW	Retaining Wall
SCP	Steel Casing Pipe
SC	Stop Cock
SIG	Signal
SOS	Emergency Telephone
SP	Sign Post
SPI	Sign Post Illuminated
SPC	Speed Camera
SS	Survey Station
ST	Stop Kerb
SVP	Soil & Vent Pipe
SW	Stone Wall
TBL	Top of Building Level
TCB	Telephone Call Box
TH	Threshold
TL	Traffic Light
TFL	Transport for London
TP	Telegraph Pole
TWL	Top of Wall Level
UTR	Unable to Raise
V	Valve
VP	Vent Pipe
W	Wall
W/M	Wiremesh Fence
WC	Water Inspection Cover
WM	Water Meter
WO	Wash Out

0 10 Millimetres 100

Rev.	Description	By	Date	Chk'd	Auth
FINAL		0	15.05.13	DJM	
	Purpose of issue	Rev	Date	Authorised	

Client

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The Hub, 500 Aztec West,
Almondsbury
Bristol, BS32 4RZ
Tel: 01454 662000

Project

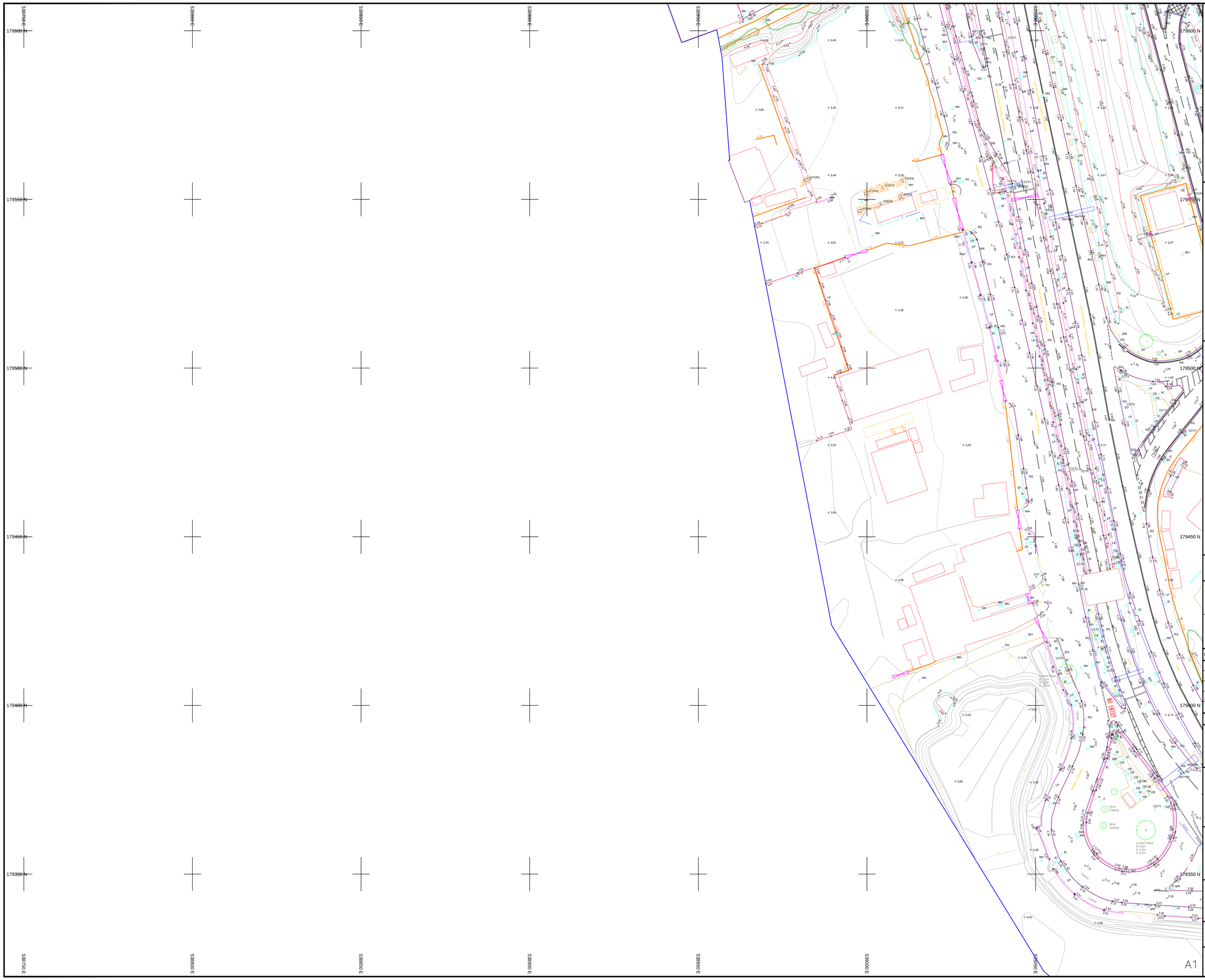
TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

Title

SILVERTOWN CROSSING
TOPOGRAPHICAL SURVEY
SHEET 16 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number	Rev
5118041/SM/1001	0



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Location

	1	2
3	4	5
6	7	8
	9	10
11	12	13
14	15	16
17	18	19
20	21	22
	23	

Legend

ACU	Air Conditioning Unit
AE	Aerial
AV	Air Valve
BB	Beacon Beacon
BL	Bed Level
BOL	Bollard
BOLI	Bollard Illuminated
BS	Bus Stop
BIT	BT Inspection Chamber
BW	Brick Wall
C/B	Close Boarded Fence
C/C	Corrugated Iron
C/L	Cable Length
C/P	Chestnut Paling Fence
C/PL	Corrugated Plastic
CATV	Cable Television
CB	Control Box
CCTV	Close Circuit TV
CL	Cover Level
CPS	Concrete Paving Slabs
CW	Concrete Wall
DK	Drop Kerb
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EIC	Electricity Inspection Cover
EP	Electricity Pole
ER	Earth Rod
FB	Flower Bed
FH	Fire Hydrant
G	Gully
G 0.8	Girth of Tree 0.8m
GB	Grit Bin
GIC	Gas Inspection Cover
GP	Gate Post
GV	Gas Valve
H 0.8	Height of Tree 0.8m
I/R	Iron Railing Fence
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IC	Inspection Cover
IL	Invert Level
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SCP	Stop Cock Pillar Pipe
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V	Valve
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W	Wall
W/M	Wiremesh Fence
WIC	Water Inspection Cover
WM	Water Meter
WO	Wash Out

0 10 Millimetres 100

Rev.	Description	By	Date	Chk'd	Auth
FINAL		0	15.05.13	DJM	

Purpose of issue	Rev	Date	Authorised

Client

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Almondsbury
Bristol, BS32 4RZ
Tel: 01454 662000

Project

TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

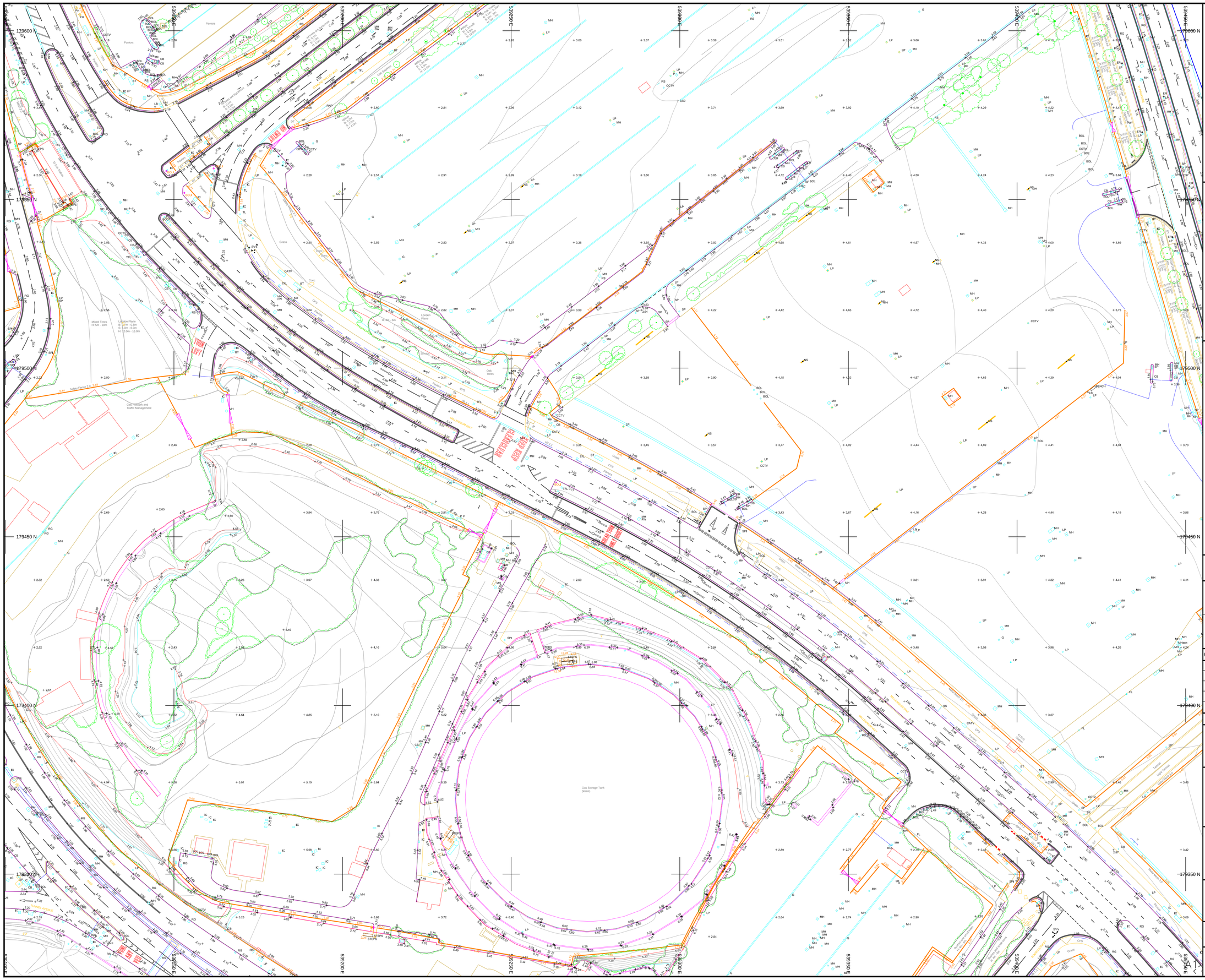
Title

SILVERTOWN CROSSING
TOPOGRAPHICAL SURVEY
SHEET 17 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number 5118041/SM/1001

Rev 0



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1	2	
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Legend

ACU	Air Conditioning Unit
AE	Aerial
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BB	Beacon Beacon
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WO	Wash Out

0 10 Millimetres 100

Rev.	Description	By	Date	Chk'd	Auth
FINAL		0	15.05.13	DJM	
Purpose of issue		Rev	Date	Authorised	

Client

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Tel: 01454 662000

Project

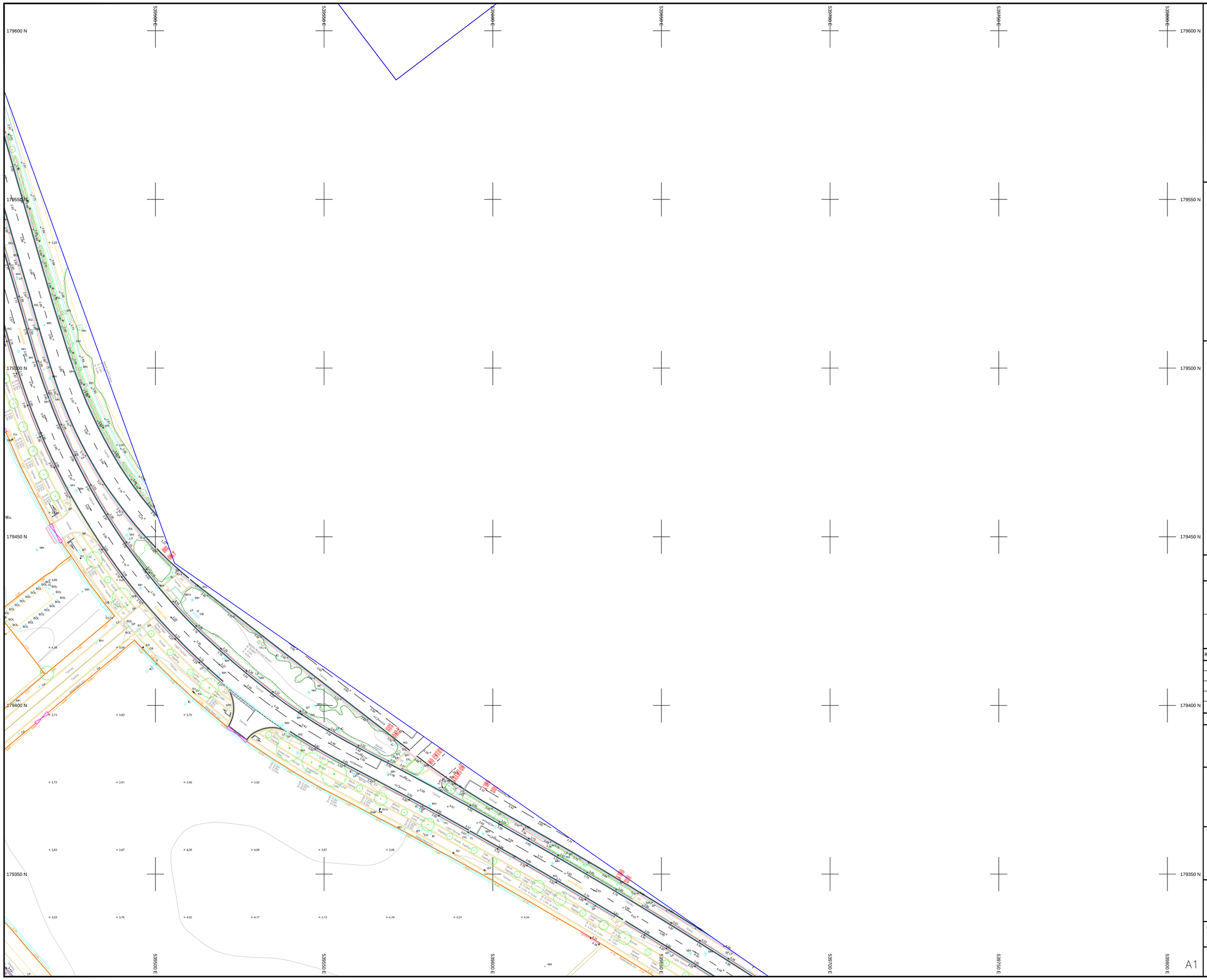
TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

Title

SILVERTOWN CROSSING
TOPOGRAPHICAL SURVEY
SHEET 18 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number	Rev
5118041/SM/1001	0



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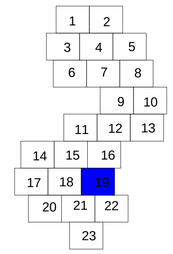
Location



Legend

ACU	Air Conditioning Unit
AE	Aerial
AV	Air Valve
BB	Beacon Beacon
BL	Bed Level
BOL	Bollard
BOLI	Bollard Illuminated
BS	Bus Stop
BIT	BT Inspection Chamber
BW	Brick Wall
C/B	Close Boarded Fence
C/L	Corrugated Iron
C/P	Chain Link Fencing
C/P	Chestnut Paling Fence
C/PL	Corrugated Plastic
CATV	Cable Television
CB	Control Box
CCTV	Close Circuit TV
CL	Cover Level
CPS	Concrete Paving Slabs
CW	Concrete Wall
DK	Drop Kerb
DPC	Damp Proof Course
EIC	Electricity Inspection Cover
EP	Electricity Pole
ER	Earth Rod
FB	Flower Bed
FH	Fire Hydrant
FL	Fence Line
G 0.8	Girth of Tree 0.8m
GB	Grit Bin
GIC	Gas Inspection Cover
GP	Gate Post
GV	Gas Valve
H 0.8	Height of Tree 0.8m
I/R	Iron Railing Fence
I/W	Iron Wire Fence
IC	Inspection Cover
IL	Invert Level
JB	Junction Box
KO	Kerb Outlet
LB	Litter Bin
LP	Lamp Post
MH	Manhole
MKR	Marker Post
MP	Milepost
MS	Milestone
MIC	Miscellaneous Inspection Chamber
NB	Notice Board
NS	Name Sign
P	Post
P/BW	Post and Barbed Wire Fence
P/C	Post and Chain Fence
P/R	Post and Rail Fence
P/W	Post and Wire Fence
PB	Post Box
PM	Parking Meter
RG	Road Gully
RLS	Railway Signal
RNP	Road Name Plate
RP	Reflector Post
RS	Road Sign
RW	Retaining Wall
SCP	Stormwater Pipe
SC	Stop Cock
SIG	Signal
SOS	Emergency Telephone
SP	Sign Post
SPI	Sign Post Illuminated
SPC	Speed Camera
SS	Survey Station
SV	Stop Valve
SVP	Soil & Vent Pipe
SW	Stone Wall
TBL	Top of Building Level
TCB	Telephone Call Box
TH	Threshold
TL	Traffic Light
TFL	Transport for London
TP	Telegraph Pole
TWL	Top of Wall Level
UTR	Unable to Raise
V	Valve
VP	Vent Pipe
W	Wall
W/M	Wiremesh Fence
WIC	Water Inspection Cover
WM	Water Meter
WO	Wash Out

0 10 Millimetres 100

Rev.	Description	By	Date	Chk'd	Auth
	FINAL	0	15.05.13	DJM	

Purpose of issue	Rev	Date	Authorised

Client

TRANSPORT FOR LONDON

Atkins Limited ©

Atkins Ltd
The Hub, 500 Aztec West,
Almondsbury
Bristol, BS32 4RZ
Tel: 01454 662000

Project

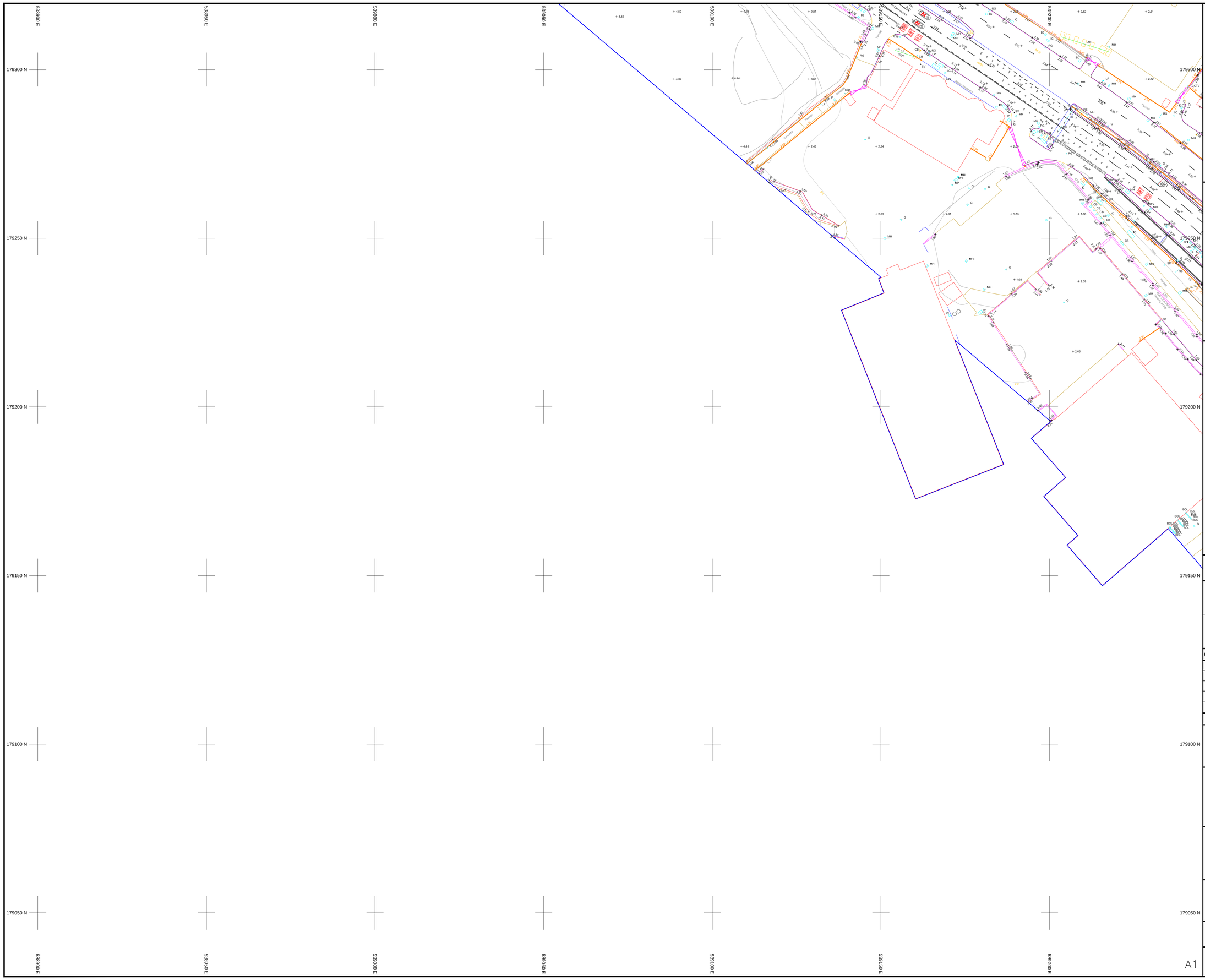
TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

Title

SILVERTOWN WAY
TOPOGRAPHICAL SURVEY
SHEET 19 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number	Rev
5118041/SM/1001	0



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Notes

1. This survey has been computed and drawn on Ordnance Survey National Grid.
2. All levels are in metres and relate to Ordnance Datum, Newlyn. The site has been connected to the Ordnance Survey National Active GPS Network using static GPS survey.
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6. The location and size of the painted road text is indicative only.

Location

1	2	
3	4	5
6	7	8
	9	10
11	12	13
14	15	16
17	18	19
20	21	22
	23	

Legend

ACU	Air Conditioning Unit	MKR	Marker Post
AE	Aerial	MP	Milepost
AV	Air Valve	MS	Milestone
BB	Bus Stop Beacon	MT	Manhole Inspection Chamber
BL	Bed Level	NB	Notice Board
BOL	Bollard	NS	Name Sign
BOLI	Bollard Illuminated	P	Post
BS	Bus Stop	P/BW	Post and Barbed Wire Fence
BIT	BT Inspection Chamber	P/C	Post and Chain Fence
BW	Brick Wall	P/R	Post and Rail Fence
C/B	Close Boarded Fence	P/W	Post and Wire Fence
C/I	Corrugated Iron	PB	Post Box
C/L	Cycle Locker	PM	Parking Meter
C/P	Chestnut Paling Fence	RG	Road Gully
C/PL	Corrugated Plastic	RLS	Railway Signal
CATV	Cable Television	RNP	Road Name Plate
CB	Control Box	RP	Reflector Post
CCTV	Close Circuit TV	RS	Road Sign
CL	Cover Level	RW	Retaining Wall
CPS	Concrete Paving Slabs	SAP	Sample Air Pipe
CW	Concrete Wall	SC	Stop Cock
DK	Drop Kerb	SIG	Signal
DPC	Damp Proof Course	SOS	Emergency Telephone
EIC	Electricity Inspection Cover	SP	Sign Post
EP	Electricity Pole	SPI	Sign Post Illuminated
ER	Earth Rod	SPC	Speed Camera
FB	Flower Bed	SS	Survey Station
FH	Fire Hydrant	STOP	Stop Notice
FL	Fence Line	SVP	Soil & Vent Pipe
G 0.8	Girth of Tree 0.8m	SW	Stone Wall
GB	Grit Bin	TBL	Top of Building Level
GIC	Gas Inspection Cover	TCB	Telephone Call Box
GP	Gate Post	TH	Threshold
GV	Gas Valve	TL	Traffic Light
H 0.8	Height of Tree 0.8m	TFL	Transport for London
I/R	Iron Railing Fence	TP	Telegraph Pole
I/W	Iron Wire Fence	TWL	Top of Wall Level
IC	Inspection Cover	UTR	Unable to Raise
IL	Invert Level	V	Valve
JB	Junction Box	VP	Vent Pipe
KO	Kerb Outlet	W	Wall
LB	Litter Bin	W/M	Wiremesh Fence
LP	Lamp Post	WIC	Water Inspection Cover
MH	Manhole	WM	Water Meter
		WO	Wash Out

0 10 Millimetres 100

Rev.	Description	By	Date	Chk'd	Auth
FINAL		0	15.05.13	DJM	

Purpose of issue	Rev	Date	Authorised

Client

TRANSPORT FOR LONDON

Atkins Limited

Atkins Ltd
The Hub, 500 Aztec West,
Almondsbury
Bristol, BS32 4RZ
Tel: 01454 662000

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Project

TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

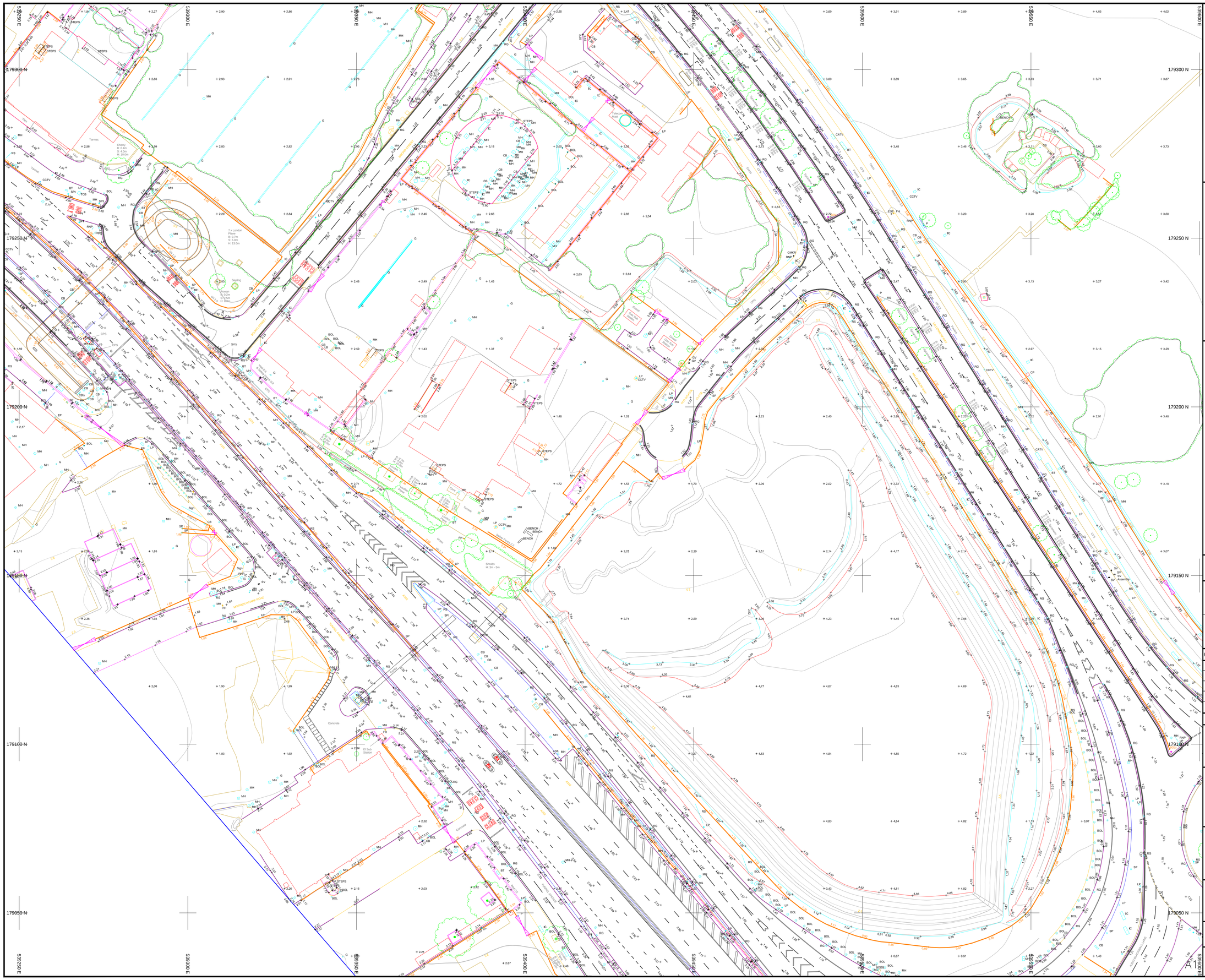
Title

SILVERTOWN CROSSING
TOPOGRAPHICAL SURVEY
SHEET 20 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

A1

Drawing Number	Rev
5118041/SM/1001	0



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6. The location and size of the painted road text is indicative only.

Location

1	2	
3	4	5
6	7	8
	9	10
11	12	13
14	15	16
17	18	19
20	21	22
	23	

Legend

ACU	Air Conditioning Unit	MKR	Marker Post
AE	Aerial	MP	Milepost
AV	Air Valve	MS	Milestone
BB	Beacon Beacon	MIC	Manhole Inspection Chamber
BL	Bed Level	NB	Notice Board
BOL	Bollard	NS	Name Sign
BOLI	Bollard Illuminated	P	Post
BS	Bus Stop	P/BW	Post and Barbed Wire Fence
BT	BT Inspection Chamber	P/C	Post and Chain Fence
BW	Brick Wall	P/R	Post and Rail Fence
C/B	Close Boarded Fence	P/W	Post and Wire Fence
C/I	Corrugated Iron	PB	Post Box
C/L	Chain Link Fence	PM	Parking Meter
C/P	Chestnut Paling Fence	RG	Road Gully
C/PL	Corrugated Plastic	RLS	Railway Signal
CATV	Cable Television	RNP	Road Name Plate
CB	Control Box	RP	Reflector Post
CCTV	Close Circuit TV	RS	Road Sign
CL	Cover Level	RW	Retaining Wall
CPS	Concrete Paving Slabs	SD	Surface Water Pipe
CW	Concrete Wall	SC	Stop Cock
DK	Drop Kerb	SIG	Signal
DPC	Damp Proof Course	SOS	Emergency Telephone
EC	Electricity Inspection Cover	SP	Sign Post
EP	Electricity Pole	SPI	Sign Post Illuminated
ER	Earth Rod	SPC	Speed Camera
FB	Flower Bed	SA	Survey Station
FH	Fire Hydrant	SB	Stop Button
G	Grate	SVP	Soil Vent Pipe
G 0.8	Girth of Tree 0.8m	SW	Stone Wall
GB	Grit Bin	TBL	Top of Building Level
GC	Gas Inspection Cover	TCB	Telephone Call Box
GP	Gate Post	TH	Threshold
GV	Gas Valve	TL	Traffic Light
H 0.8	Height of Tree 0.8m	TFL	Transport for London
I/R	Iron Railing Fence	TP	Telegraph Pole
I/W	Iron Wire Fence	TWL	Top of Wall Level
IC	Inspection Cover	UTR	Unable to Raise
IL	Invert Level	V	Valve
JB	Junction Box	VP	Vent Pipe
KO	Kerb Outlet	W	Wall
LB	Litter Bin	W/M	Wiremesh Fence
LP	Lamp Post	WC	Water Inspection Cover
MH	Manhole	WM	Water Meter
		WO	Wash Out

0 10 Millimetres 100

Rev.	Description	By	Date	Chk'd	Auth
FINAL		0	15.05.13	DJM	
	Purpose of issue	Rev	Date	Authorised	

Client

TRANSPORT FOR LONDON

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Atkins Ltd
The Hub, 500 Aztec West,
Almondsbury
Bristol, BS32 4RZ
Tel: 01454 662000

Project

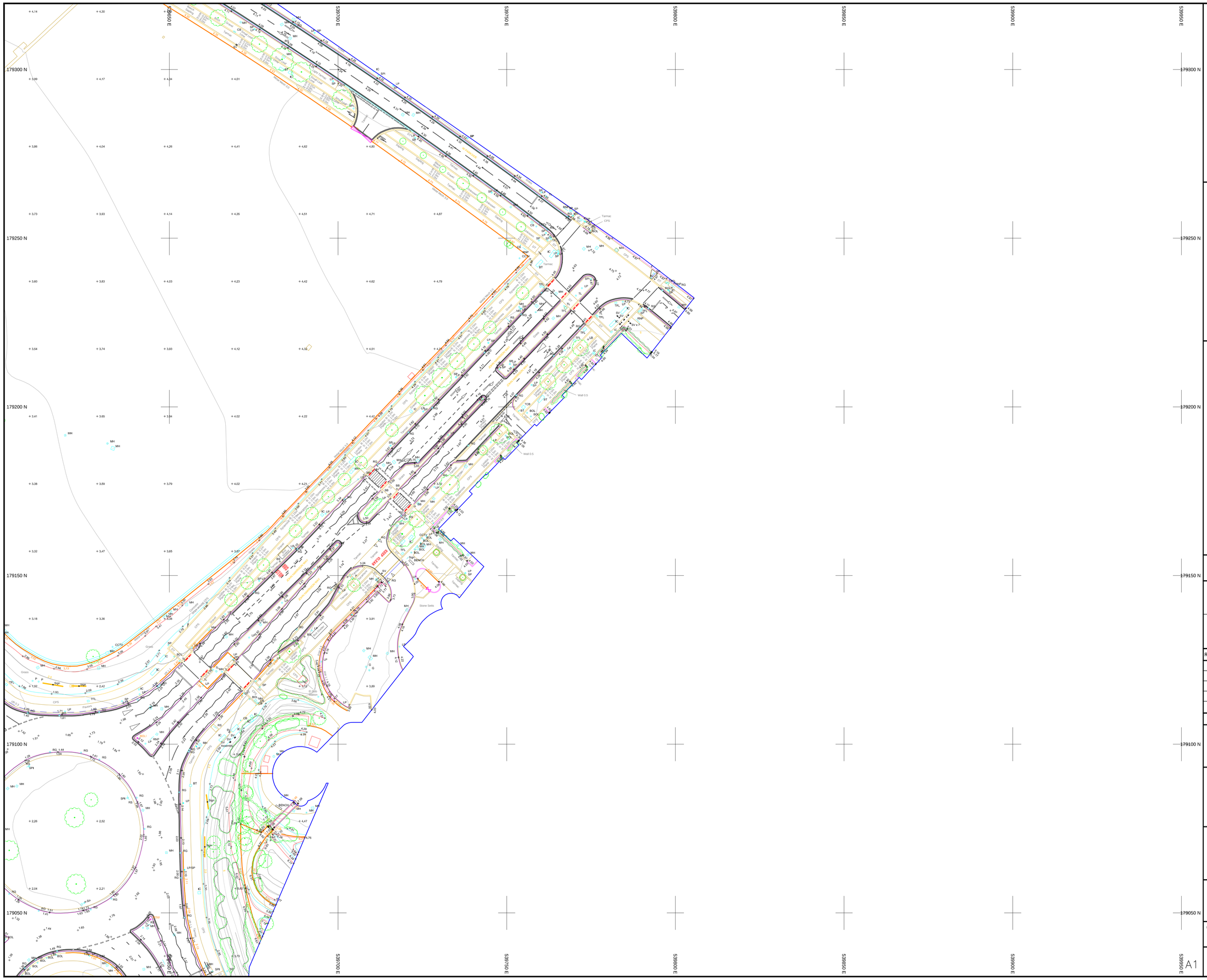
TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

Title

SILVERTOWN CROSSING
TOPOGRAPHICAL SURVEY
SHEET 21 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

Drawing Number	Rev
5118041/SM/1001	0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539700 E
539750 E
539800 E
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539900 E
539950 E
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179250 N
179200 N
179150 N
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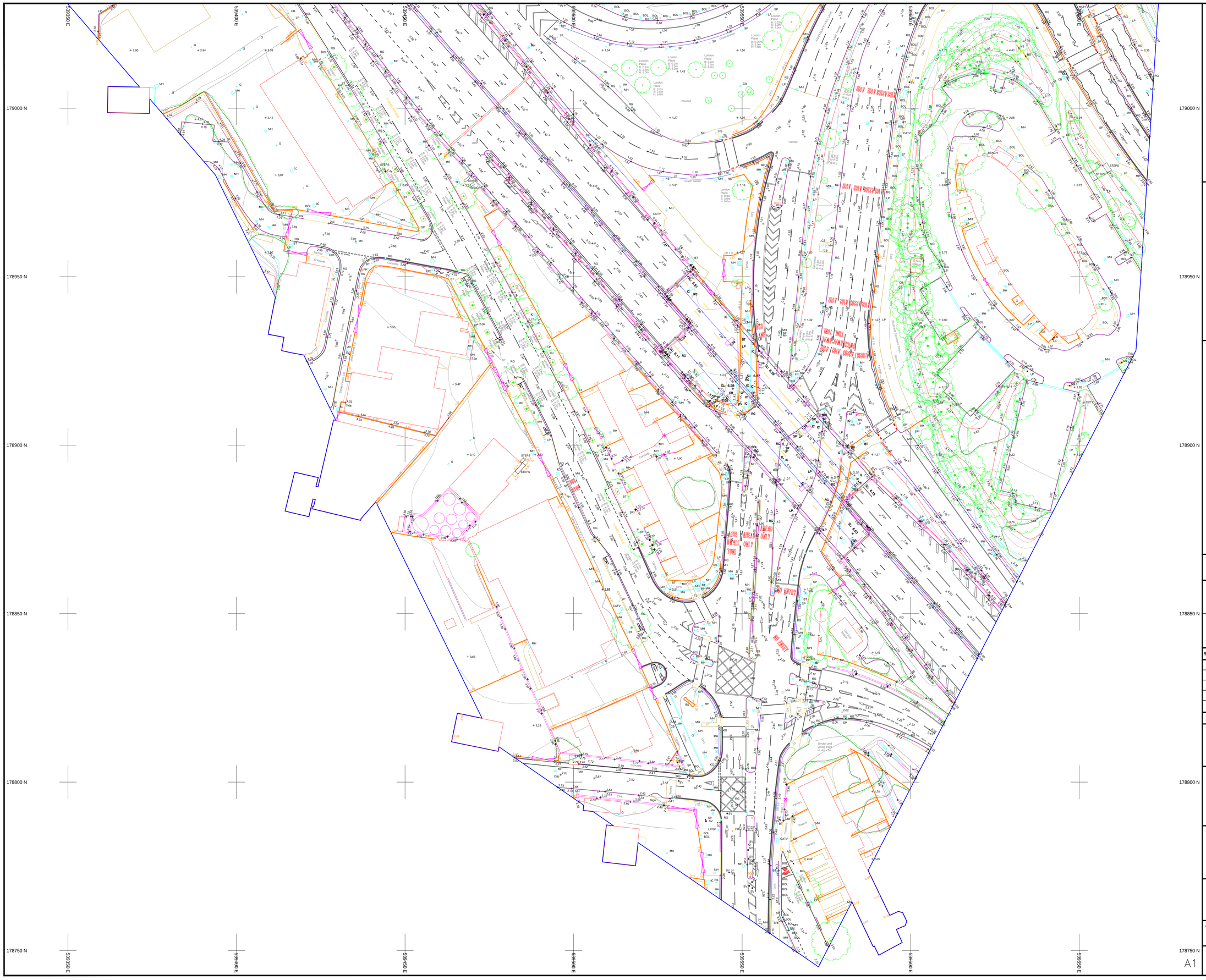
179050 N
Tarmac
CPS
Wall 0.5
Stone Setts
Bund
Grass
Footway
Carriageway
Kerb
Edge of Road
Road Marking
Lamp Post
Manhole
Inspection Chamber
Bollard
Bus Stop
Bus Shelter
Tree
Hedge
Fence
Railing
Gate
Post
Sign
Signal
Pedestrian Crossing
Zebra Crossing
Cycle Parking
Bench
Litter Bin
Water Meter
Gas Valve
Stop Cock
Drain
Gully
Channel
Manhole Cover
Inspection Cover
Chainage
Level
Spot Height
Contour
Building
Wall
Step
Ramp
Slope
Kerb Line
Edge of Tarmac
Edge of Footway
Edge of Carriageway
Centre Line
Lane Marking
Stop Line
Give Way
Yellow Box
Cycle Lane
Bus Lane
Taxi Rank
Loading Bay
Disabled Bay
Pedestrian Crossing
Zebra Crossing
Pelican Crossing
Puffin Crossing
Toucan Crossing
Traffic Island
Bollard
Post
Sign
Signal
Lamp Post
Tree
Hedge
Fence
Railing
Gate



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Location

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					9	10						
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	17	18	19									
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			23									

Legend

ACU	Air Conditioning Unit	MKR	Marker Post
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AV	Air Valve	MS	Milestone
BB	Bus Stop Beacon	MIC	Manhole Inspection Chamber
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BOLI	Bollard Illuminated	P	Post
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BIT	BT Inspection Chamber	P/C	Post and Chain Fence
BW	Brick Wall	P/R	Post and Rail Fence
C/B	Close Boarded Fence	P/W	Post and Wire Fence
C/I	Corrugated Iron	PB	Post Box
C/L	Chain Link Fence	PM	Parking Meter
C/P	Chestnut Paling Fence	RG	Road Gully
C/PL	Corrugated Plastic	RLS	Railway Signal
CATV	Cable Television	RNP	Road Name Plate
CB	Control Box	RP	Reflector Post
CCTV	Close Circuit TV	RS	Road Sign
CL	Cover Level	RW	Retaining Wall
CPS	Concrete Paving Slabs	SCP	Sewer Cover Pipe
CW	Concrete Wall	SC	Stop Cock
DK	Drop Kerb	SIG	Signal
DPC	Damp Proof Course	SOS	Emergency Telephone
EIC	Electricity Inspection Cover	SP	Sign Post
EP	Electricity Pole	SPI	Sign Post Illuminated
ER	Earth Rod	SPC	Speed Camera
FB	Flower Bed	SS	Survey Station
FH	Fire Hydrant	SK	Stop Kicker
FL	Fence	SVP	Soil Vent Pipe
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JB	Junction Box	VP	Vent Pipe
KO	Kerb Outlet	W	Wall
LB	Litter Bin	W/M	Wiremesh Fence
LP	Lamp Post	WIC	Water Inspection Cover
MH	Manhole	WM	Water Meter
		WO	Wash Out

0 10 Millimetres 100

Rev.	Description	By	Date	Chk'd	Auth
FINAL		0	15.05.13	DJM	
	Purpose of issue	Rev	Date	Authorised	

Client

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Atkins Ltd
The Hub, 500 Aztec West,
Almondsbury
Bristol, BS32 4RZ
Tel: 01454 662000

Project

TASK 86 SILVERTOWN CROSSING AND GALLEONS REACH AERIAL SURVEY

Title

SILVERTOWN CROSSING
TOPOGRAPHICAL SURVEY
SHEET 23 of 23

Original Scale	Drawn	Checked	Authorised
1:500	MP	KRB	DJM
	Date 15.05.13	Date 16.05.13	Date 16.05.13

A1

Drawing Number 5118041/SM/1001

Rev 0