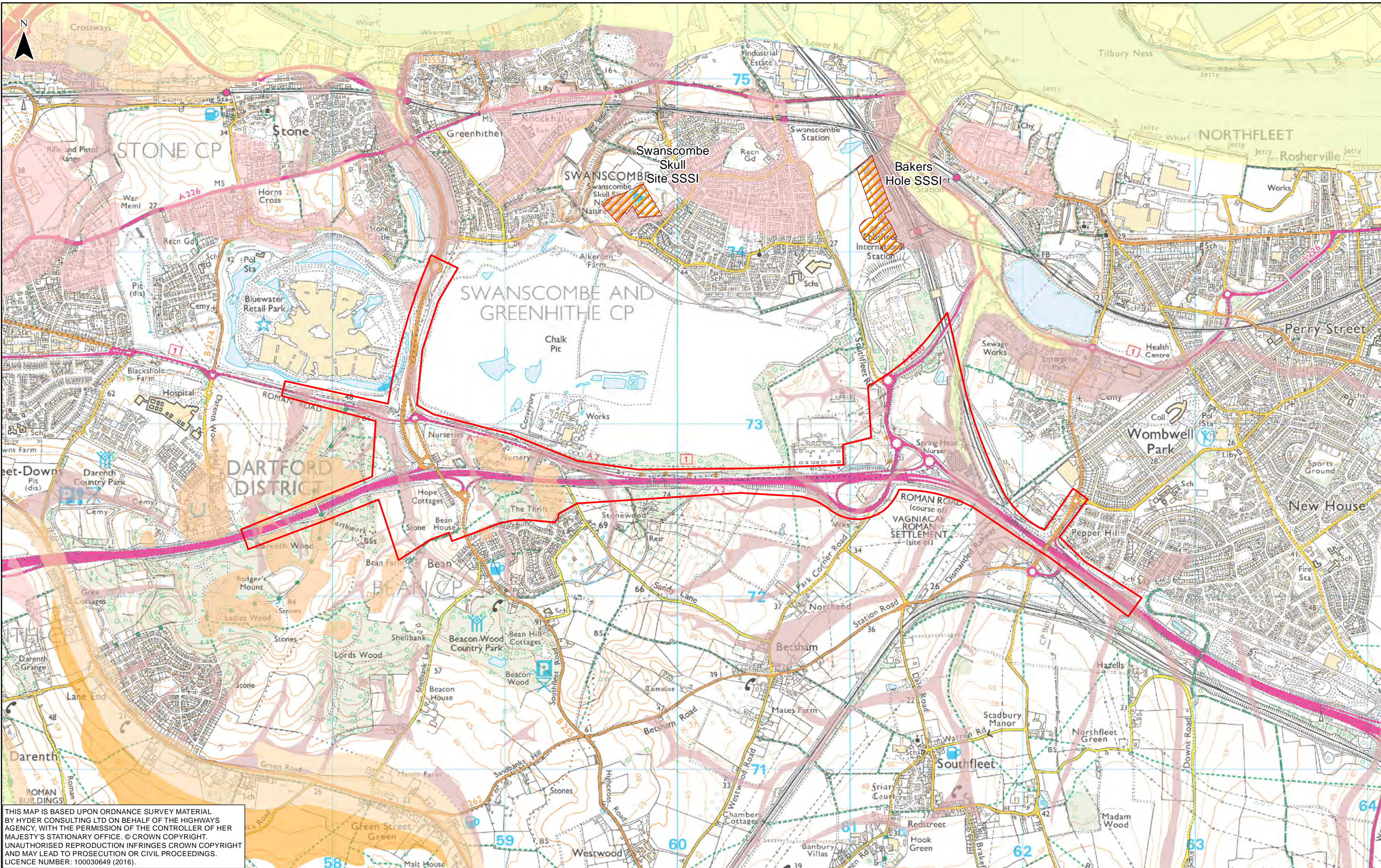


Path: I:\GIS\A2 Bean to Ebbsfleet Environmental Appraisal Report - GIS Figures\Geology\001-UA006811-02_Superficial Geology.mxd



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0 0.5 1 Kilometers					
P01	19/09/2016	FINAL	SD	GS	JB
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Apprv'd

KEY		ALLUVIUM-SILT		LYNCH HILL GRAVEL MEMBER-SAND AND GRAVEL	
[Red outline]	SCHEME LIMIT	[Yellow]	ALLUVIUM-SILT	[Orange]	LYNCH HILL GRAVEL MEMBER-SAND AND GRAVEL
[Orange hatching]	SITE OF SPECIAL SCIENTIFIC INTEREST-SSSI	[Pink]	BOYN HILL GRAVEL MEMBER-SAND AND GRAVEL	[Light blue]	RIVER TERRACE DEPOSITS (UNDIFFERENTIATED)-SAND AND GRAVEL
		[Dark blue]	BLACK PARK GRAVEL MEMBER-SAND AND GRAVEL	[Light green]	TAPLOW GRAVEL FORMATION-SAND AND GRAVEL
		[Light blue]	HEAD-CLAY	[Light green]	TIDAL RIVER OR CREEK DEPOSITS-SILT
		[Light green]	HEAD-SAND AND CLAY		

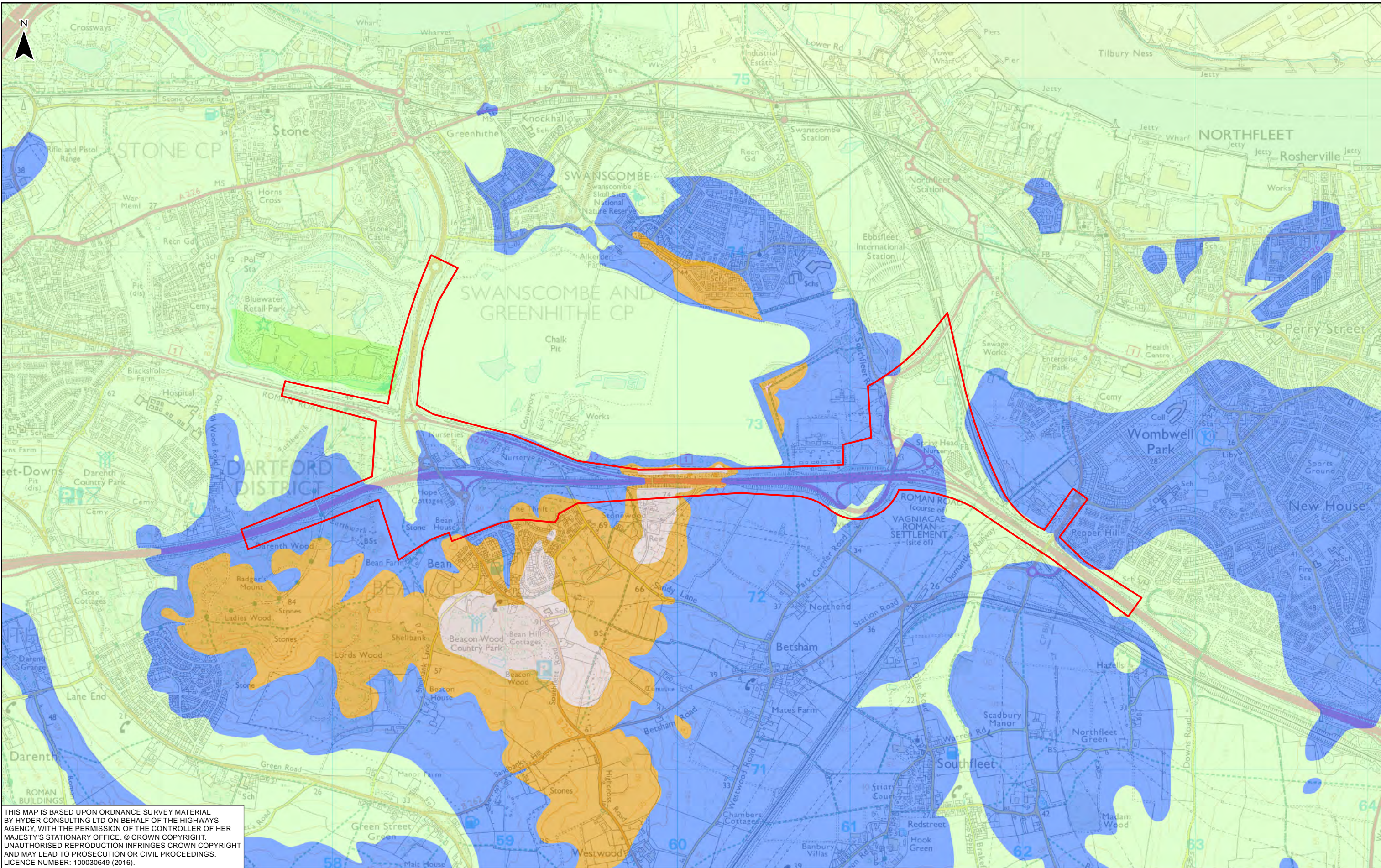
highways
england

Halcrow Hyder Joint Venture
Burdorp Park
Swindon, SN4 0QD
Tel. +44(0)1793 812479

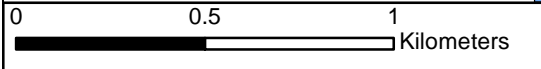
Halcrow **Hyder**

Project	A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS
Drawing title	SUPERFICIAL GEOLOGY

Status	S3	Revision	P01
Scale	1:20,000	Date	19/09/2016
Drawn By	SD		
Checked By	GS		
Approved By	JB		
Project No.	HA543917	Originator	HHJV
Drawing number	HA543917-HHJV-HGT-ZZZZ-DR-GE-0007	Original Size	A3



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P01	19/19/2016	FINAL	SD	GS	JB
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Apprv'd

SCHEME LIMIT	LONDON CLAY FORMATION-CLAY	SEAFORD CHALK FORMATION-CHALK
HARWICH FORMATION- GRAVEL	LEWES NODULAR CHALK FORMATION-CHALK	THANET SAND FORMATION-SAND
LAMBETH GROUP-SAND AND CLAY		

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england

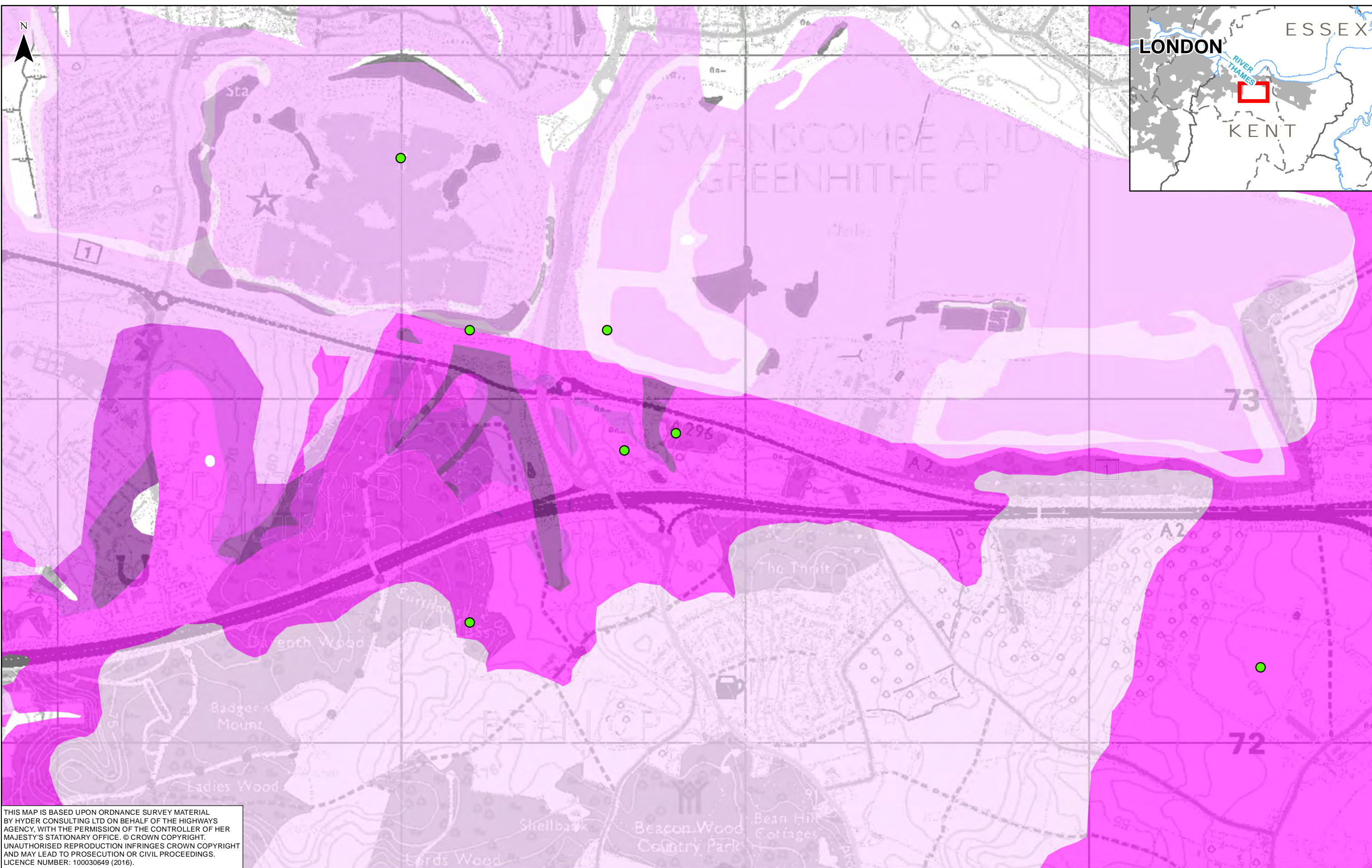
Halcrow Hyder Joint Venture
Burdorp Park
Swindon, SN4 0DD
Tel. +44(0)1793 812479

Project	A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS
Drawing title	BEDROCK GEOLOGY

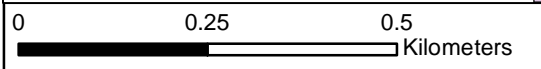
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Scale	1:20,000	Date	19/09/2016			
Drawn By	SD					
Checked By	GS					
Approved By	JB					
Project No.	HA543917	Originator	HHJV	Original Size		A3
Drawing number	HA543917-HHJV-HGT-ZZZZ-DR-GE-0008					

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Path: I:\GIS\A2 Bean to Ebbsfleet\Options\A2 Bean to Ebbsfleet Environmental Appraisal Report - GIS Figures\Geology\003-JA006811-02_Soluble Rock & Natural Cavities Bean Junction



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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Apprv'd
P01	19/09/2016	FINAL	SD	GS	JB

KEY

- NATURAL CAVITY
- SOLUBLE ROCKS**
- A
- B
- C
- D
- E

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Halcrow Hyder Joint Venture

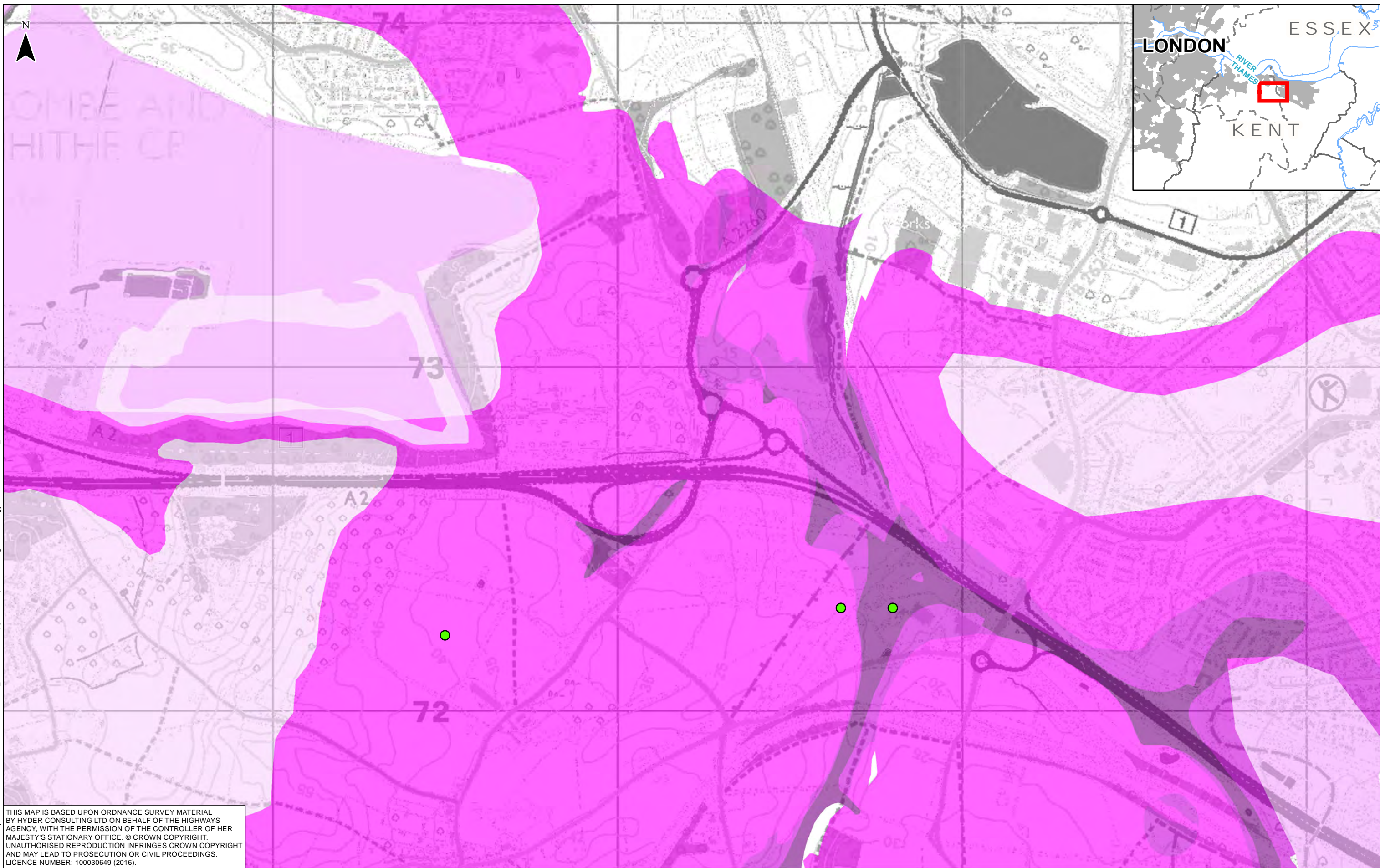
Burderop Park
Swindon, SN4 0QD
Tel. +44(0)1793 812479

Project: **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**

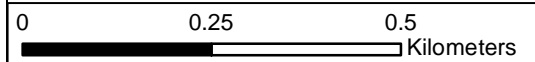
Drawing title: **SOLUBLE ROCK AND NATURAL CAVITIES BEAN JUNCTION**

Status	S3	Revision	P01
Scale	1:10,000	Date	19/09/2016
Drawn By	SD		
Checked By	GS		
Approved By	JB		
Project No.	HA543917	Originator	HHJV
Original Size			A3
Drawing number	HA543917-HHJV-HGT-ZZZZ-DR-GE-0009		

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Rev	Rev. Date	Purpose of revision	Drawn	Checked	Apprv'd
P01	19/09/2016	FINAL	SD	GS	JB

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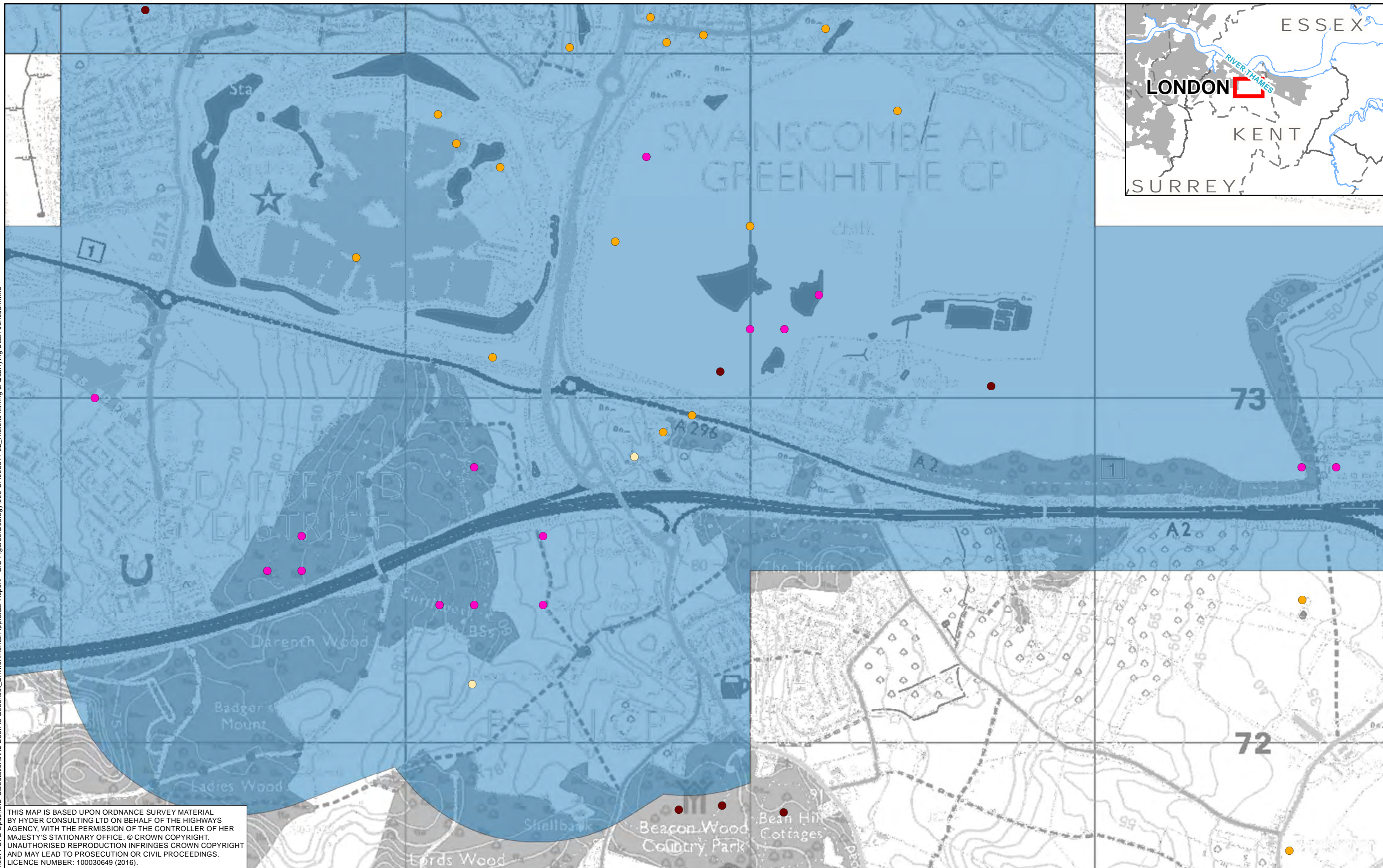
- NATURAL CAVITY
- SOLUBLE ROCKS**
- A
- B
- C
- D
- E

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 Burderop Park
 Swindon, SN4 0QD
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Project	A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS
Drawing title	SOLUBLE ROCK AND NATURAL CAVITIES EBBSFLEET JUNCTION

Status	S3	Revision	P01
Scale	1:10,000	Date	19/09/2016
Drawn By	SD		
Checked By	GS		
Approved By	JB		
Project No.	HA543917	Originator	HHJV
Original Size			A3
Drawing number	HA543917-HHJV-HGT-ZZZZ-DR-GE-0010		

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0 10 20 Kilometers					
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Apprv'd
P01	19/09/2016	FINAL	SD	GS	JB

KEY	
●	CHALK
●	CLAY & SHALE
●	FLINT
●	SAND
●	MAN MADE MINING CAVITIES
	CONCLUSIVE ROCK MINING

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england

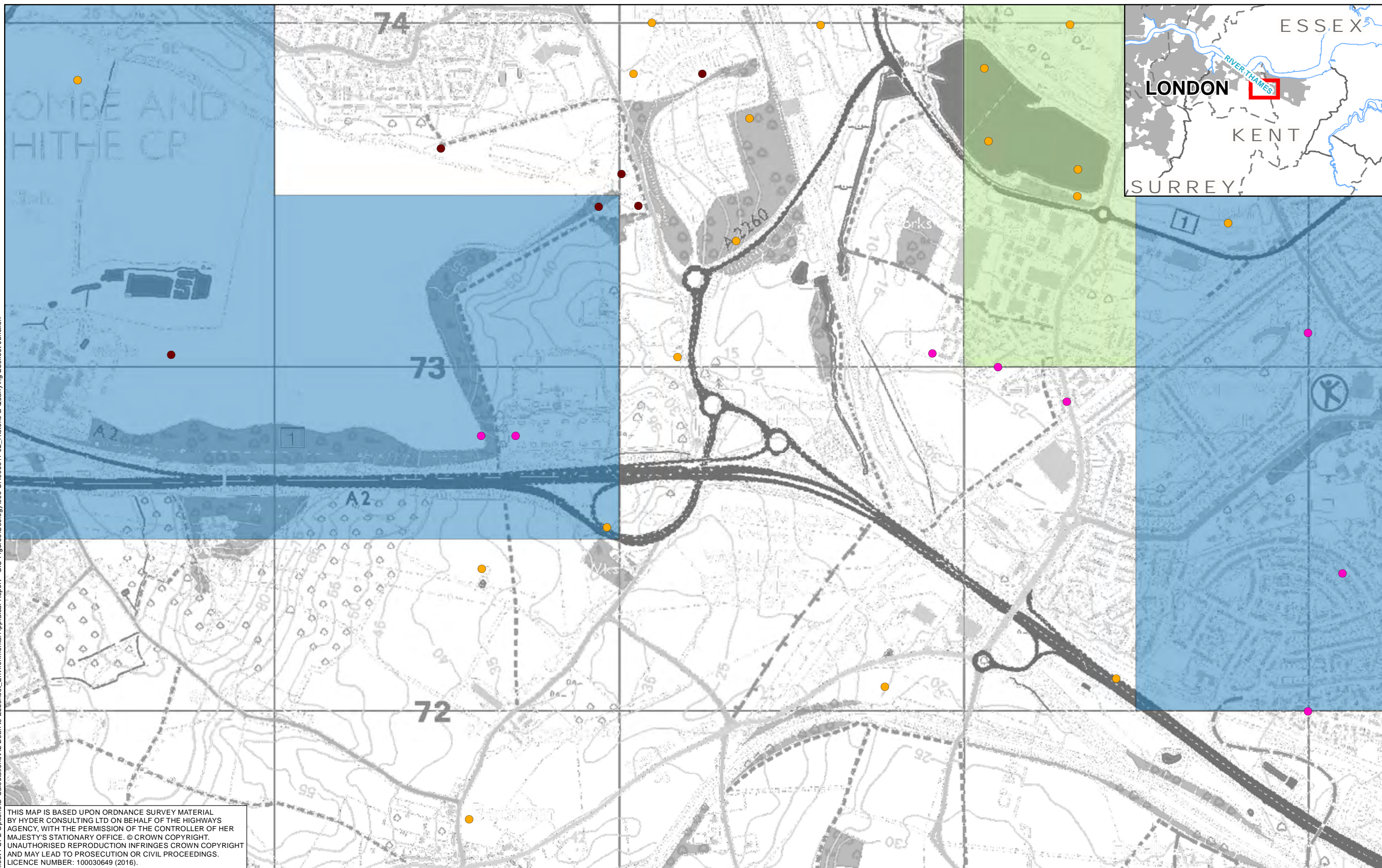
Halcrow Hyder Joint Venture
Burderop Park
Swindon, SN4 0QD
Tel. +44(0)1793 812479

Halcrow **Hyder**

Project	A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS
Drawing title	HISTORIC MINING AND QUARRYING BEAN JUNCTION

Status	S3	Revision	P01
Scale	1:10,000	Date	19/09/2016
Drawn By	SD		
Checked By	GS		
Approved By	JB		
Project No.	HA543917	Originator	HHJV
Original Size			A3
Drawing number	HA543917-HHJV-HGT-ZZZZ-DR-GE-0011		

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0 10 20 Kilometers					
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Apprv'd
P01	19/09/2016	FINAL	SD	GS	JB

KEY	
● CHALK	● MAN MADE MINING CAVITIES
● CLAY & SHALE	■ CONCLUSIVE ROCK MINING
	■ INCONCLUSIVE ROCK MINING

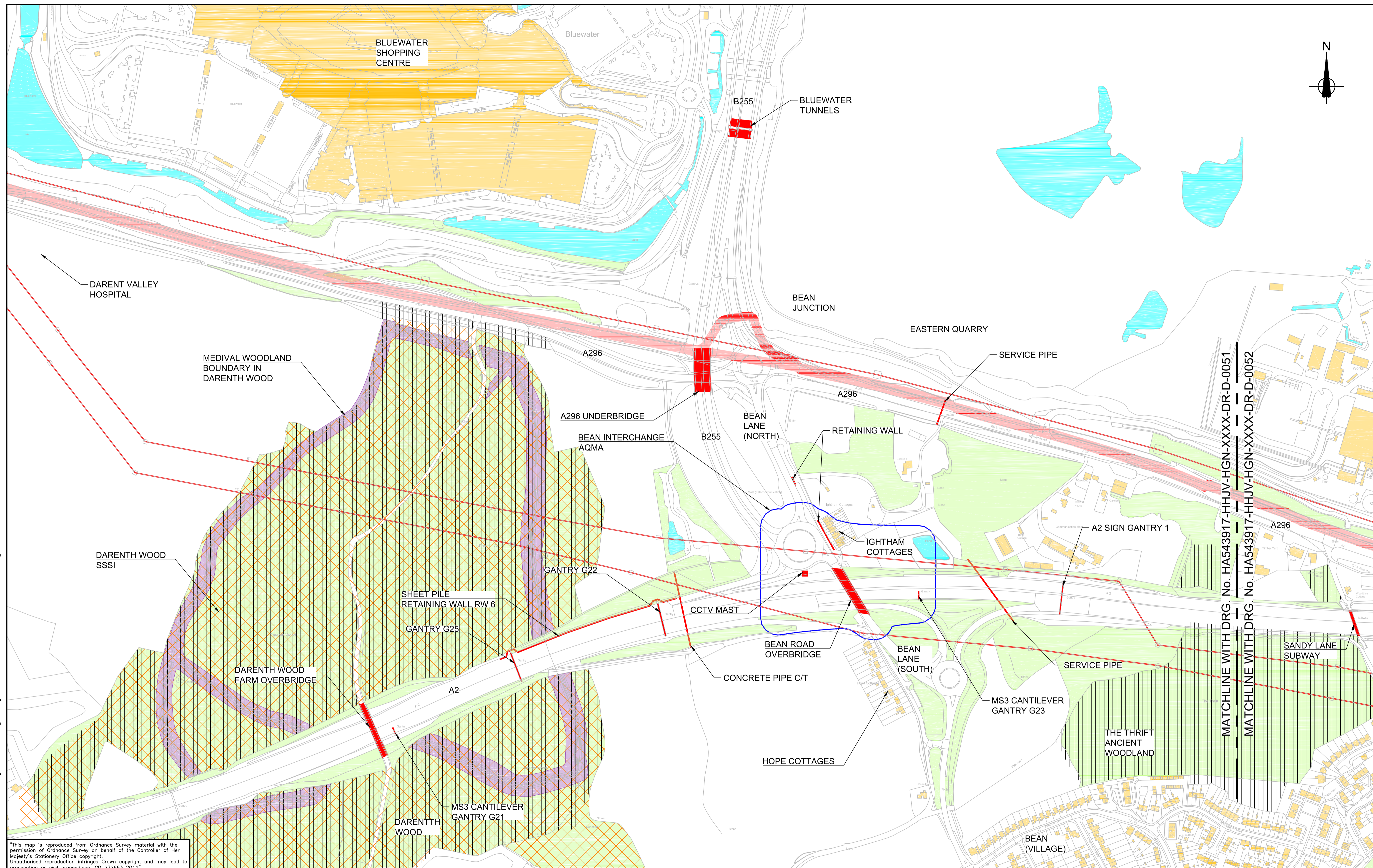
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england

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Burdorp Park
Swindon, SN4 0QD
Tel. +44(0)1793 812479

Halcrow **Hyder**

Project	A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS
Drawing title	HISTORIC MINING AND QUARRYING EBBSFLEET JUNCTION

Status	S3	Revision	P01
Scale	1:10,000	Date	19/09/2016
Drawn By	SD		
Checked By	GS		
Approved By	JB		
Project No.	HA543917	Originator	HHJV
Drawing number	HA543917-HHJV-HGT-ZZZZ-DR-GE-0012	Original Size	A3



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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
P1	S3	11-08-2016	FOR REVIEW AND COMMENTS	RMS	ML	ME
P1.1	SO	31-03-2016	FIRST DRAFT	RMS	ML	ME

KEY	DESCRIPTION
[Green hatched]	ANCIENT WOODLAND
[Blue hatched]	AQMA BOUNDARY
[Light blue]	WATERBODIES
[Light green]	WOODLAND
[Orange hatched]	BUILDINGS
[Yellow hatched]	COUNTRY PARK
[Pink hatched]	RAILWAY LINE
[Yellow hatched]	KENT WILDLIFE SITE AT BEACONS WOOD COUNTRY PARK AND AT EBBSFLEET
[Blue triangle]	LISTED BUILDINGS
[Purple hatched]	SCHEDULED ANCIENT MONUMENT
[Red hatched]	NATIONAL GRID UNDERGROUND TRANSMISSION NETWORK
[Red hatched]	OVERHEAD POWER LINES
[Orange hatched]	SSSI
[Red line]	STRUCTURES

NOTES:
 1. ADDITIONAL CONSTRAINTS ARE SHOWN ON THE STATUTORY UNDERTAKERS SERVICES DRAWINGS HA543917-HHJV-VUT-ZZZZ-DR-D-0001 TO 0004 AND HAZARD MAP DRAWINGS HA543917-HHJV-GEN-XXXX-DR-D-0031 TO 0034

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Client **highways england**

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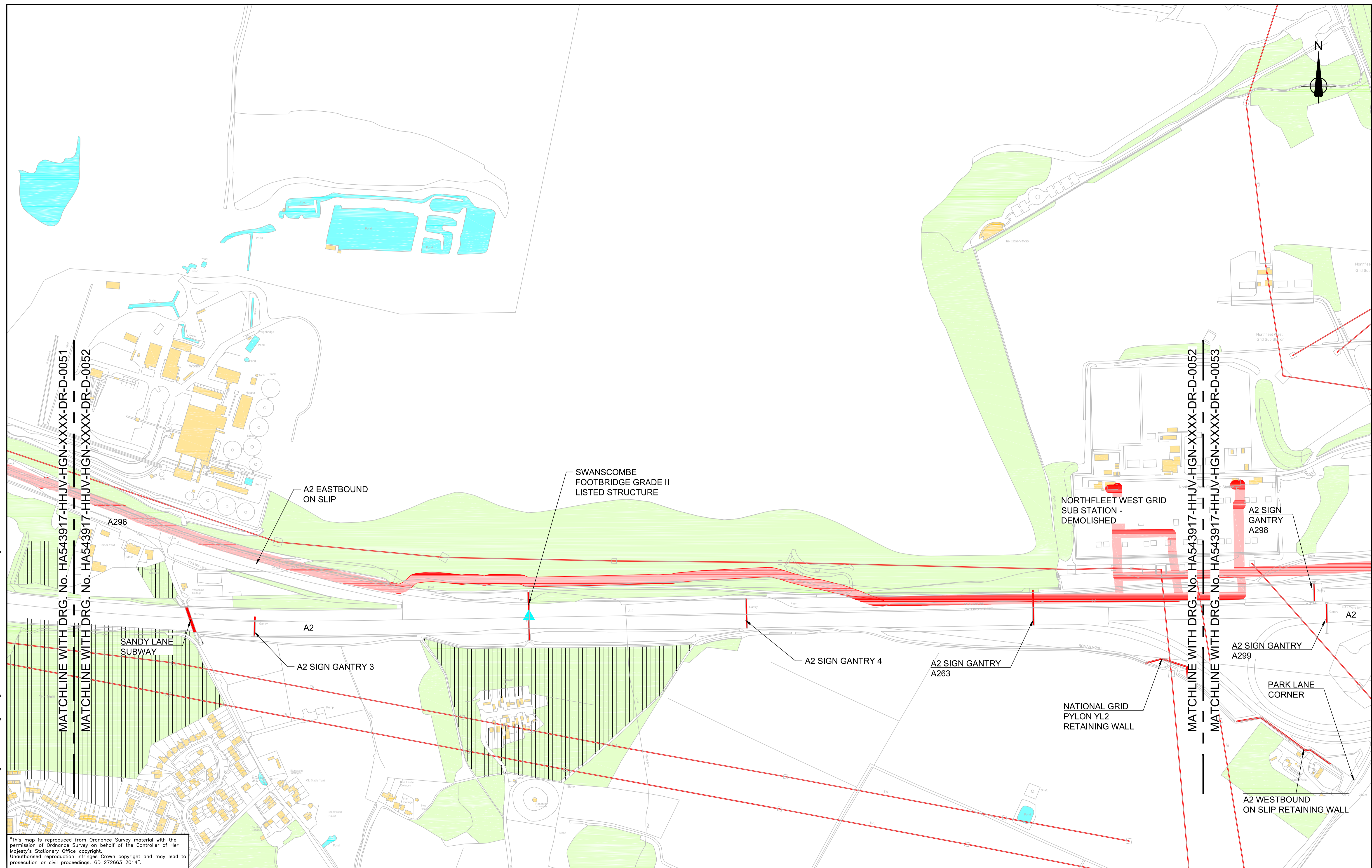
Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**

Drawing title **ENGINEERING CONSTRAINT PLAN SHEET 1 OF 4**

Status	S3	Revision	P1
Scale	1:2500	Date	11-08-2016
Drawn By	RAVITEJA M S	Checked By	M.LUDLAM
Approved By	M.EMERY	Project No.	HA PIN 543917
Originator	HHJV	Original Size	A1
Drawing number HGN-XXXX-DR-D-0051			

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
P1	S3	11-08-2016	FOR REVIEW AND COMMENTS	RMS	ML	ME
P1.1	SO	31-03-2016	FIRST DRAFT	RMS	ML	ME

KEY	
	ANCIENT WOODLAND
	AQMA BOUNDARY
	WATERBODIES
	WOODLAND
	BUILDINGS
	COUNTRY PARK
	RAILWAY LINE
	KENT WILDLIFE SITE AT BEACONS WOOD COUNTRY PARK AND AT EBBSFLEET

	LISTED BUILDINGS
	SCHEDULED ANCIENT MONUMENT
	NATIONAL GRID UNDERGROUND TRANSMISSION NETWORK
	OVERHEAD POWER LINES
	SSSI
	STRUCTURES

NOTES:
 1. ADDITIONAL CONSTRAINTS ARE SHOWN ON THE STATUTORY UNDERTAKERS SERVICES DRAWINGS HA543917-HHJV-VUT-ZZZZ-DR-D-0001 TO 0004 AND HAZARD MAP DRAWINGS HA543917-HHJV-GEN-XXXX-DR-D-0031 TO 0034

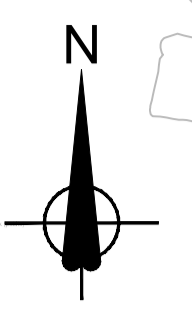
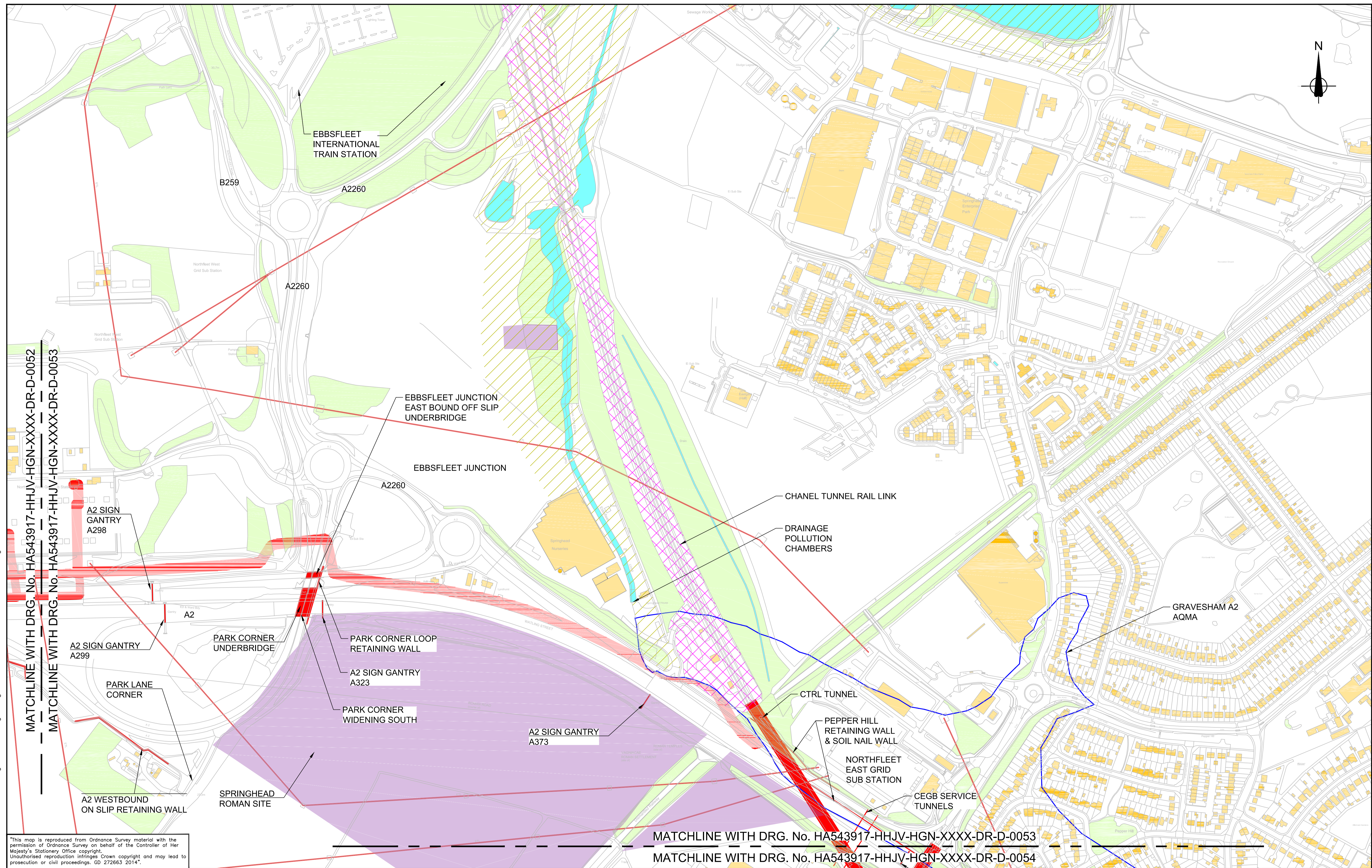
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Client **highways england**
Halcrow Hyder Joint Venture
 Burderop Park
 Swindon, SN4 0QD
 Tel. +44(0)1793 812479

Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**
 Drawing title **ENGINEERING CONSTRAINT PLAN SHEET 2 OF 4**

Status	Revision
S3	P1
Scale	1:2500
Drawn By	RAVITEJA M S
Checked By	M.LUDLAM
Approved By	M.EMERY
Project No.	HA PIN 543917
Originator	HHJV
Original Size	A1
Drawing number	HGN-XXXX-DR-D-0052

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
P1	S3	11-08-2016	FOR REVIEW AND COMMENTS	RMS	ML	ME
P1.1	SO	31-03-2016	FIRST DRAFT	RMS	ML	ME

KEY	
	ANCIENT WOODLAND
	AQMA BOUNDARY
	WATERBODIES
	WOODLAND
	BUILDINGS
	COUNTRY PARK
	RAILWAY LINE
	KENT WILDLIFE SITE AT BEACONS WOOD COUNTRY PARK AND AT EBBSFLEET

	LISTED BUILDINGS
	SCHEDULED ANCIENT MONUMENT
	NATIONAL GRID UNDERGROUND TRANSMISSION NETWORK
	OVERHEAD POWER LINES
	SSSI
	STRUCTURES

NOTES:
 1. ADDITIONAL CONSTRAINTS ARE SHOWN ON THE STATUTORY UNDERTAKERS SERVICES DRAWINGS HA543917-HHJV-VUT-ZZZZ-DR-D-0001 TO 0004 AND HAZARD MAP DRAWINGS HA543917-HHJV-GEN-XXXX-DR-D-0031 TO 0034

0 50 100 150 200 250m
 1: 2500

Client **highways england**
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 Swindon, SN4 0QD
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Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**
 Drawing title **ENGINEERING CONSTRAINT PLAN SHEET 3 OF 4**

Status	S3	Revision	P1
Scale	1:2500	Date	11-08-2016
Drawn By	RAVITEJA M S	Checked By	M.LUDLAM
Approved By	M.EMERY	Project No.	HA PIN 543917
Originator	HHJV	Original Size	A1
Drawing number		HGN-XXXX-DR-D-0053	

MATCHLINE WITH DRG. No. HA543917-HHJV-HGN-XXXX-DR-D-0053

MATCHLINE WITH DRG. No. HA543917-HHJV-HGN-XXXX-DR-D-0054



A2 SIGN GANTRY
A410

PEPPERHILL
OVERBRIDGE

CTRL TUNNEL

CONFIRMATORY
PEPPERHILL
JUNCTION W/B
GANTRY

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
P1	S3	11-08-2016	FOR REVIEW AND COMMENTS	RMS	ML	ME
P1.1	SO	31-03-2016	FIRST DRAFT	RMS	ML	ME

KEY	DESCRIPTION
	ANCIENT WOODLAND
	AQMA BOUNDARY
	WATERBODIES
	WOODLAND
	BUILDINGS
	COUNTRY PARK
	RAILWAY LINE
	KENT WILDLIFE SITE AT BEACONS WOOD COUNTRY PARK AND AT EBBSFLEET

	LISTED BUILDINGS
	SCHEDULED ANCIENT MONUMENT
	NATIONAL GRID UNDERGROUND TRANSMISSION NETWORK
	OVERHEAD POWER LINES
	SSSI
	STRUCTURES

NOTES:
1. ADDITIONAL CONSTRAINTS ARE SHOWN ON THE STATUTORY UNDERTAKERS SERVICES DRAWINGS HA543917-HHJV-VUT-ZZZZ-DR-D-0001 TO 0004 AND HAZARD MAP DRAWINGS HA543917-HHJV-GEN-XXXX-DR-D-0031 TO 0034

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Client

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Swindon, SN4 0QD
Tel. +44(0)1793 812479

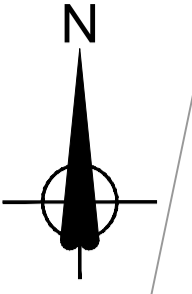
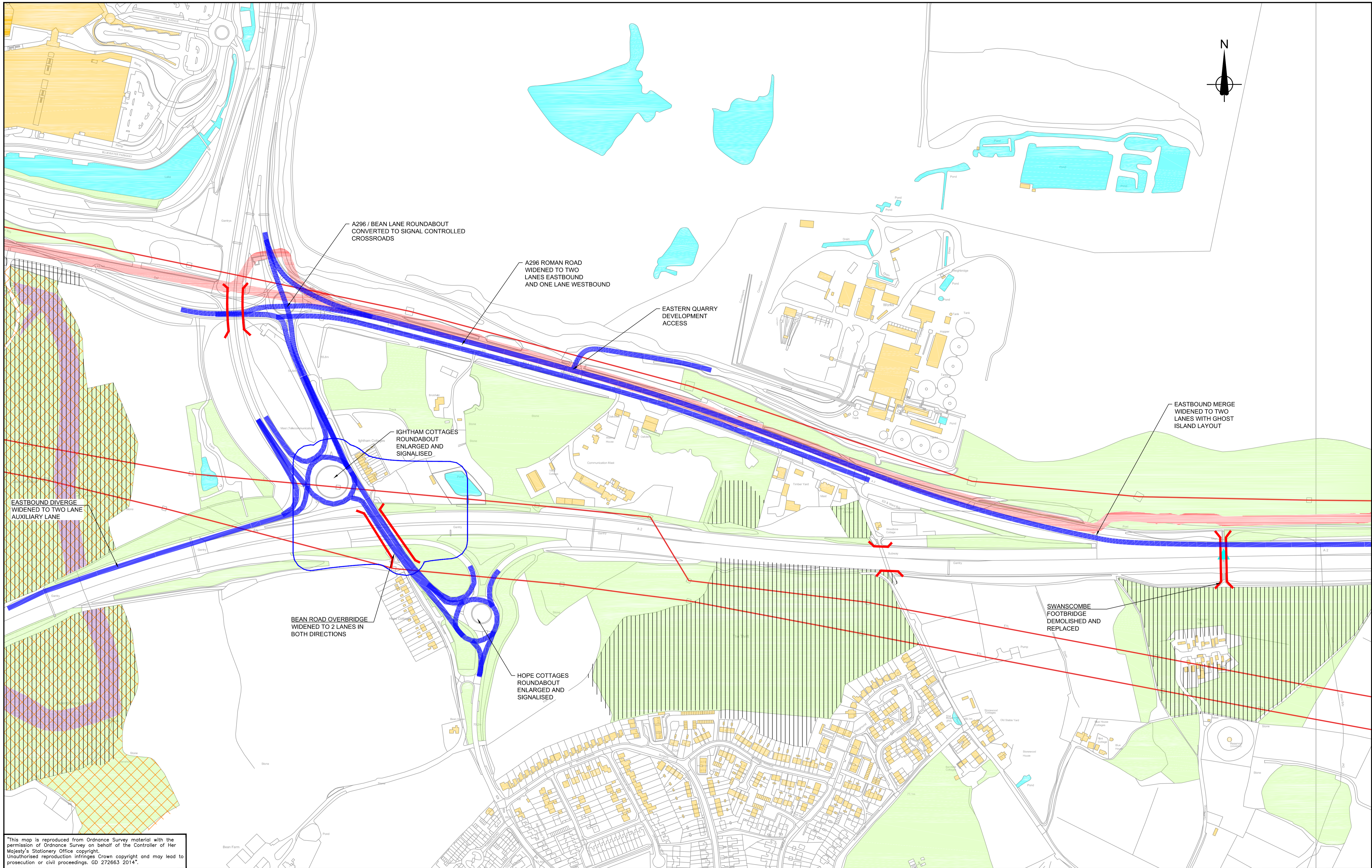
Project **A2 BEAN AND EBBSFLEET
JUNCTION IMPROVEMENTS**

Drawing title **ENGINEERING CONSTRAINT PLAN
SHEET 4 OF 4**

Status	S3	Revision	P1
Scale	1:2500	Date	11-08-2016
Drawn By	RAVITEJA M S		
Checked By	M.LUDLAM		
Approved By	M.EMERY		
Project No.	HA PIN 543917	Originator	HHJV
Drawing number	HGN-XXXX-DR-D-0054		
Original Size	A1		

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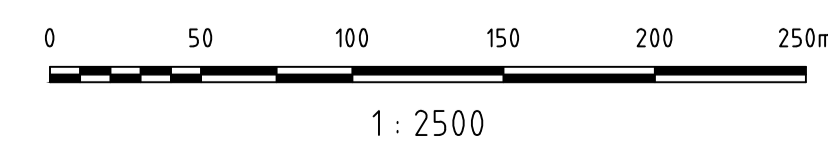
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
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P1.1	SO	17-06-2016	FIRST DRAFT	RMS	ML	ME

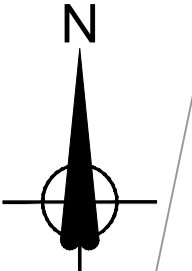
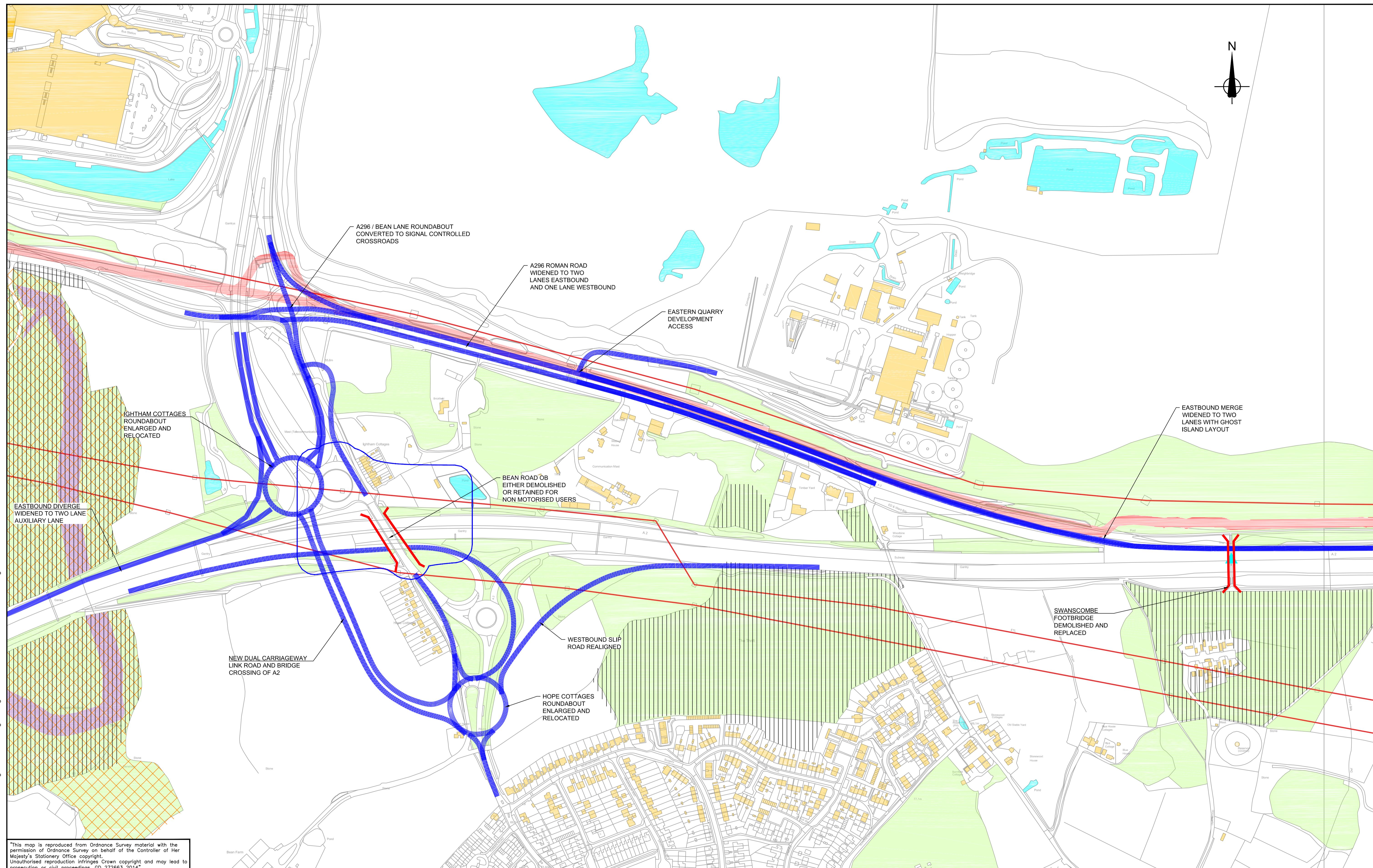
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[Pattern]	COUNTRY PARK
[Pattern]	RAILWAY LINE
[Pattern]	KENT WILDLIFE SITE AT BEACONS WOOD COUNTRY PARK AND AT EBSFLEET
[Symbol]	LISTED BUILDINGS
[Symbol]	SCHEDULED ANCIENT MONUMENT
[Symbol]	NATIONAL GRID UNDERGROUND TRANSMISSION NETWORK HATCH
[Symbol]	OVERHEAD POWER LINES
[Symbol]	SSSI
[Symbol]	STRUCTURES



Client **highways england**
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 Tel. +44(0)1793 812479

Project **A2 BEAN AND EBSFLEET JUNCTION IMPROVEMENTS**
 Drawing title **BEAN OPTION 1 CONCEPT GENERAL LAYOUT**

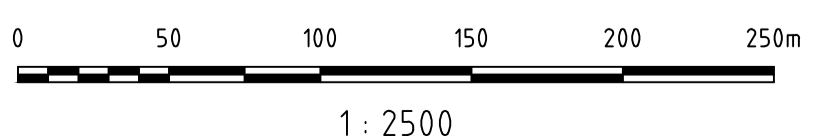
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Scale	1:2500	Date	22-07-2016
Drawn By	RAVITEJA M.S		
Checked By	M.LUDLAM		
Approved By	M.EMERY		
Project No.	HA PIN 543917	Originator	HHJV
Drawing number	HGN-XXXX-DR-D-0147		
Original Size	A1		



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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
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P1.1	S0	17-06-2016	FIRST DRAFT	RMS	ML	ME

KEY	DESCRIPTION
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[Symbol]	AQMA BOUNDARY
[Symbol]	WATERBODIES
[Symbol]	WOODLAND
[Symbol]	BUILDINGS
[Symbol]	COUNTRY PARK
[Symbol]	RAILWAY LINE
[Symbol]	KENT WILDLIFE SITE AT BEACONS WOOD COUNTRY PARK AND AT EBBSFLEET
[Symbol]	LISTED BUILDINGS
[Symbol]	SCHEDULED ANCIENT MONUMENT
[Symbol]	NATIONAL GRID UNDERGROUND TRANSMISSION NETWORK HATCH
[Symbol]	OVERHEAD POWER LINES
[Symbol]	SSSI
[Symbol]	STRUCTURES



Client

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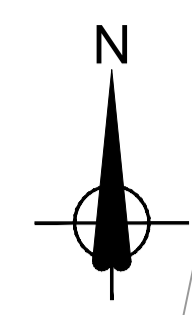
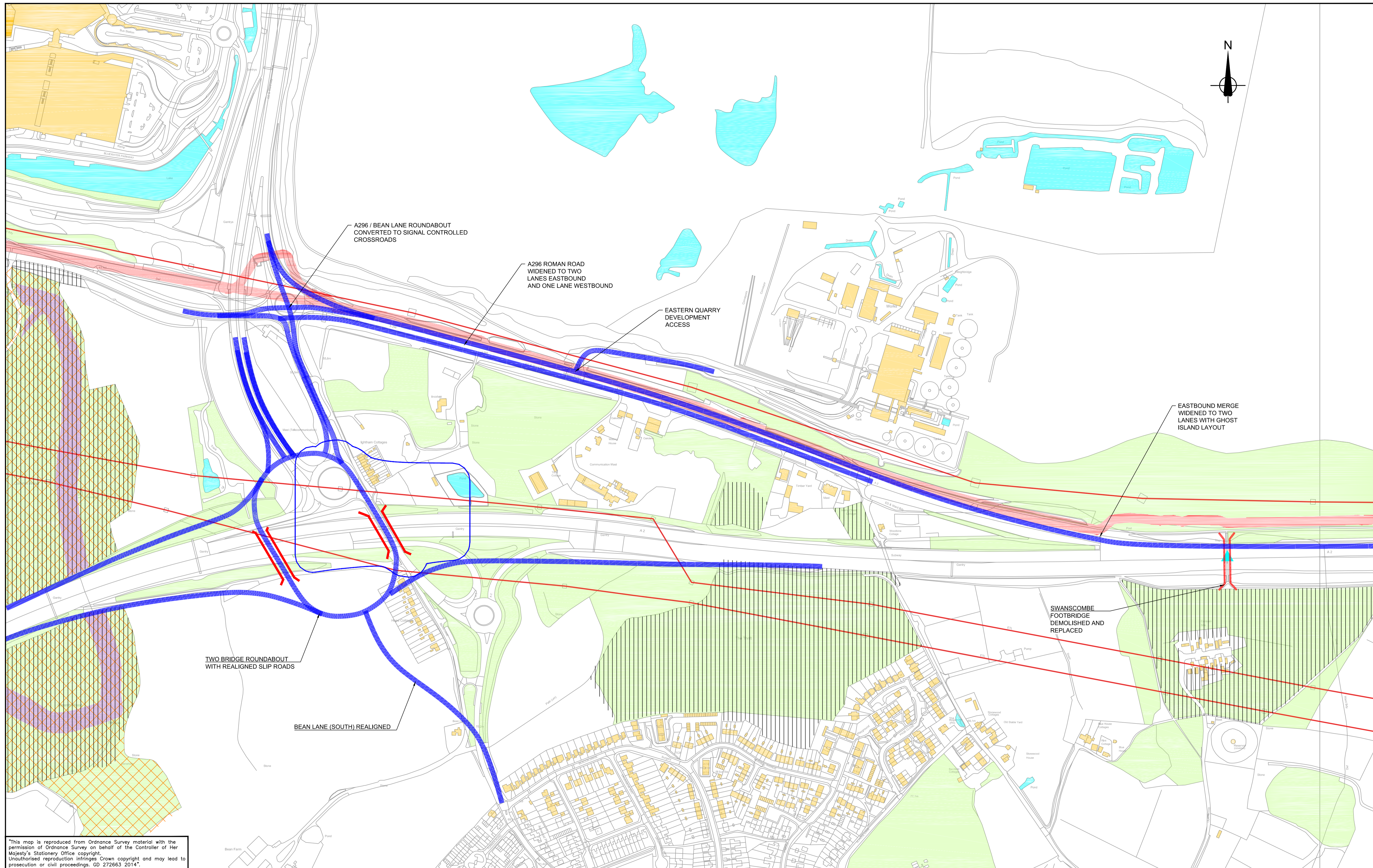
Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**

Drawing title **BEAN OPTION 2 CONCEPT GENERAL LAYOUT**

Status	S3	Revision	P1
Scale	1:2500	Date	22-07-2016
Drawn By	RAVITEJA M.S	Checked By	M.LUDLAM
Approved By	M.EMERY	Project No.	HA PIN 543917
Originator	HHJV	Original Size	A1
Drawing number HGN-XXXX-DR-D-0148			

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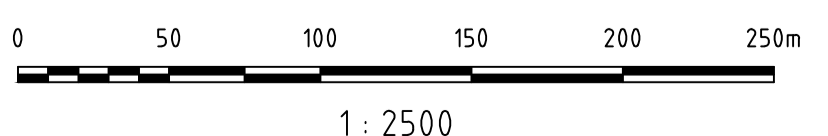
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
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P1.1	SO	17-06-2016	FIRST DRAFT	RMS	ML	ME

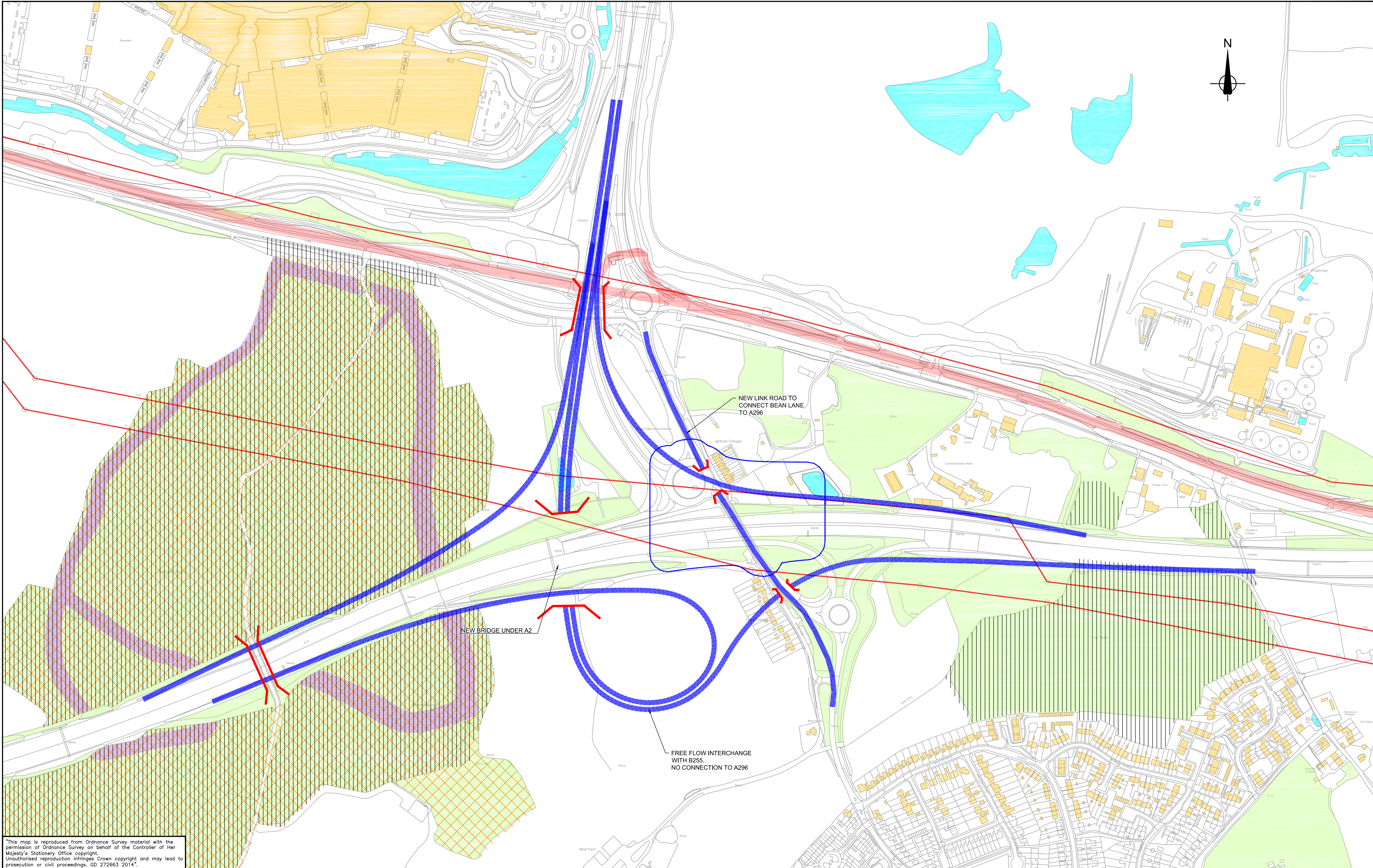
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---	--



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Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**
 Drawing title **BEAN OPTION 3 CONCEPT GENERAL LAYOUT**

Status	S3	Revision	P1
Scale	1:2500	Date	22-07-2016
Drawn By	RAVITEJA M.S		
Checked By	M.LUDLAM		
Approved By	M.EMERY		
Project No.	HA PIN 543917	Originator	HHJV
Drawing number	HGN-XXXX-DR-D-0149		
Original Size	A1		

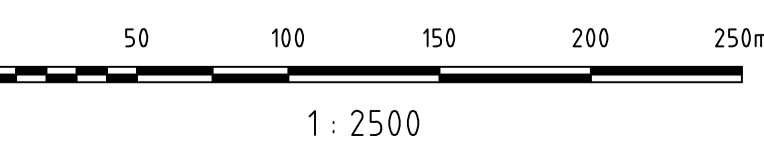


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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
P1	S3	22-07-2016	FOR REVIEW & COMMENTS	RMS	ML	ME
P1.1	SO	17-06-2016	FIRST DRAFT	RMS	ML	ME

KEY	
	ANCIENT WOODLAND
	AQMA BOUNDARY
	WATERBODIES
	WOODLAND
	BUILDINGS
	COUNTRY PARK
	RAILWAY LINE
	KENT WILDLIFE SITE AT BEACONS WOOD COUNTRY PARK AND AT EBBSFLEET

	LISTED BUILDINGS
	SCHEDULED ANCIENT MONUMENT
	NATIONAL GRID UNDERGROUND TRANSMISSION NETWORK HATCH OVERHEAD POWER LINES
	SSSI
	STRUCTURES



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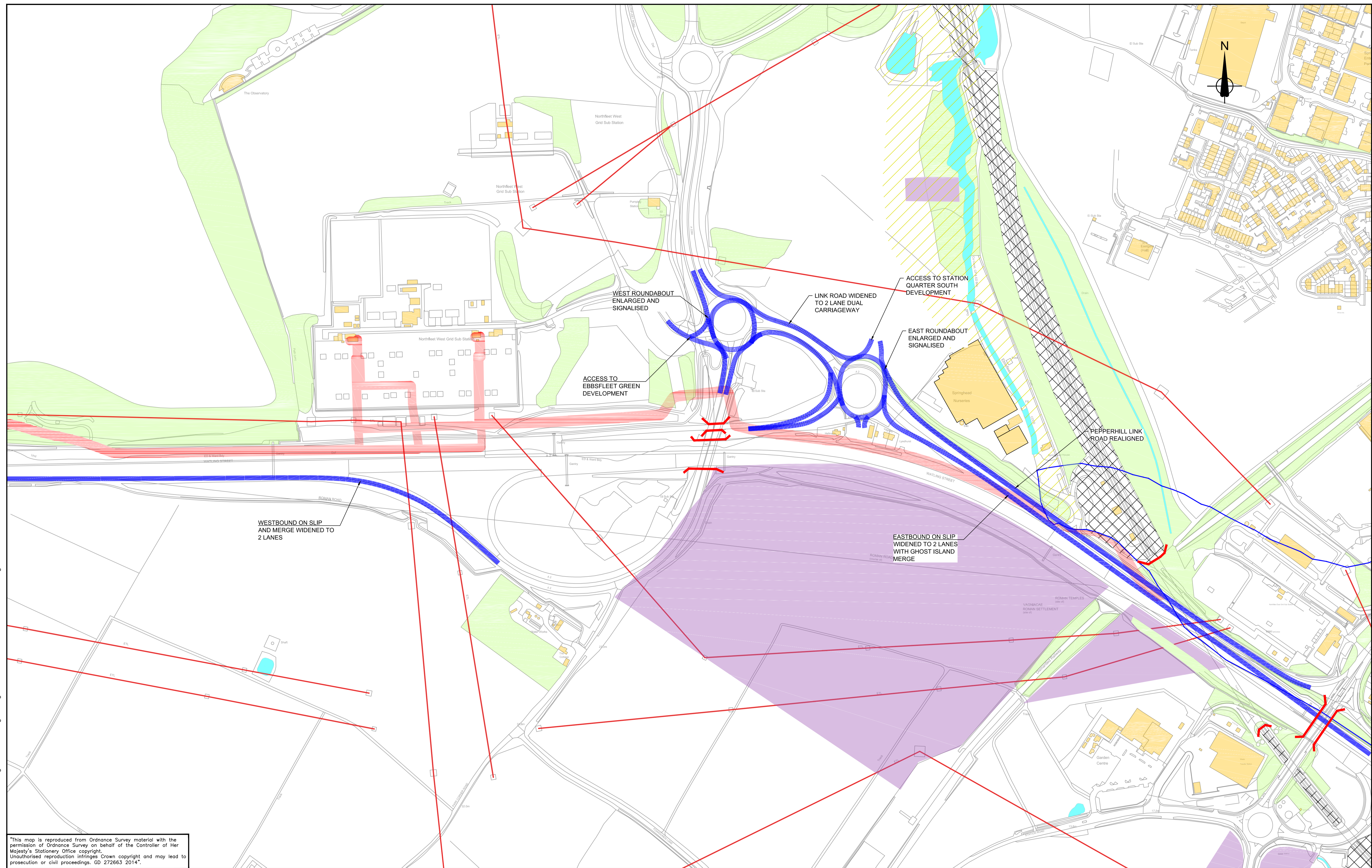
Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**

Drawing title **BEAN OPTION 4 CONCEPT GENERAL LAYOUT**

Status	S3	Revision	P1
Scale	1:2500	Date	22-07-2016
Drawn By	RAVITEJA M.S		
Checked By	M.LUDLAM		
Approved By	M.EMERY		
Project No.	HA PIN 543917	Originator	HHJV
Drawing number	HGN-XXXX-DR-D-0150		
Original Size	A1		

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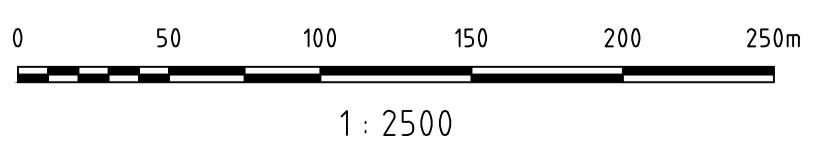
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
P1	S3	22-07-2016	FOR REVIEW & COMMENTS	RMS	ML	ME
P1.1	SO	17-06-2016	FIRST DRAFT	RMS	ML	ME

KEY	DESCRIPTION
[Green hatched box]	ANCIENT WOODLAND
[Blue line]	AQMA BOUNDARY
[Light blue area]	WATERBODIES
[Light green area]	WOODLAND
[Yellow area]	BUILDINGS
[Orange area]	COUNTRY PARK
[Black line]	RAILWAY LINE
[Yellow hatched box]	KENT WILDLIFE SITE AT BEACONS WOOD COUNTRY PARK AND AT EBBSFLEET
[Blue triangle]	LISTED BUILDINGS
[Purple shaded area]	SCHEDULED ANCIENT MONUMENT
[Red dashed line]	NATIONAL GRID UNDERGROUND TRANSMISSION NETWORK HATCH
[Red solid line]	OVERHEAD POWER LINES
[Orange hatched box]	SSSI
[Red double line]	STRUCTURES

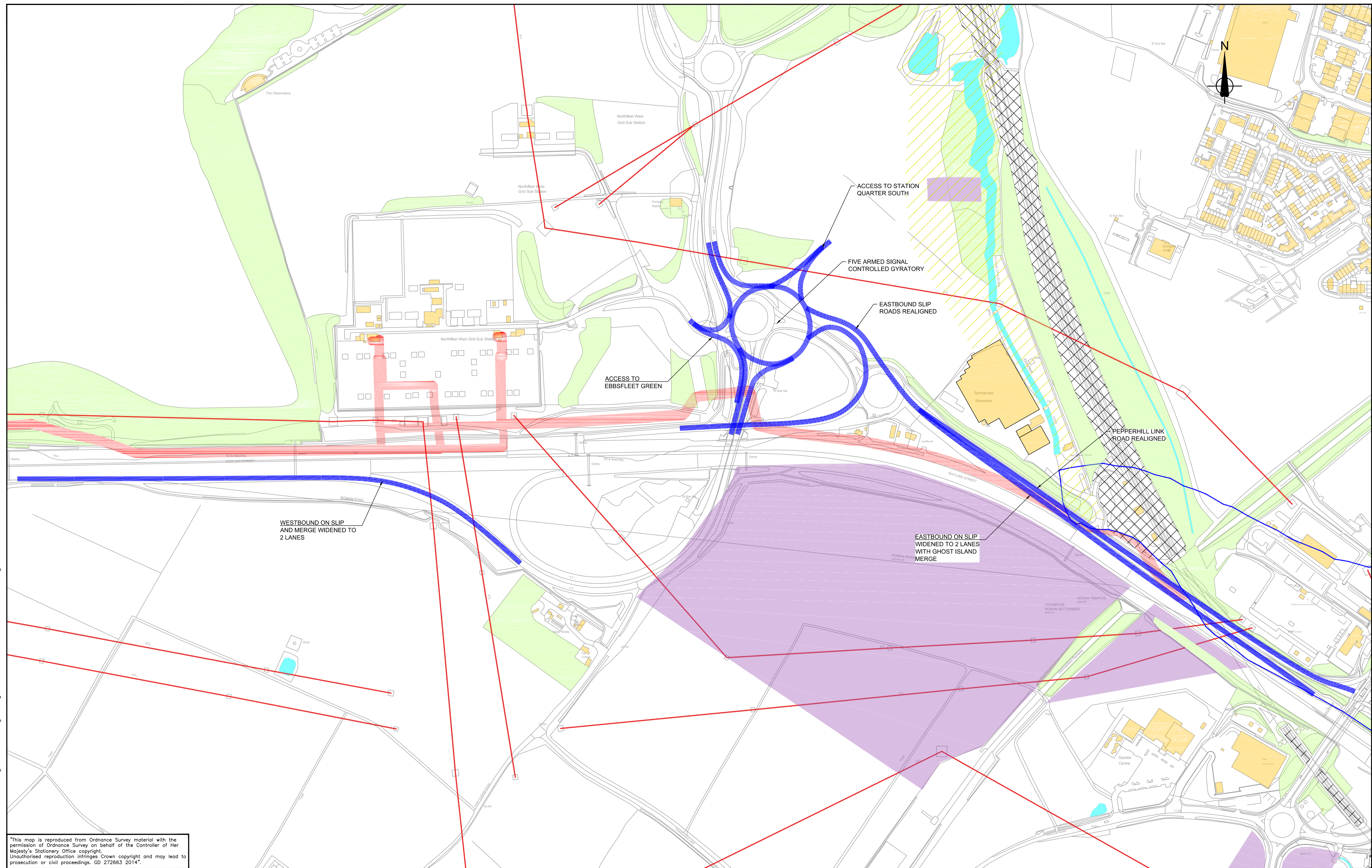


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Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**
 Drawing title **EBBSFLEET OPTION 1 CONCEPT GENERAL LAYOUT**

Status	S3	Revision	P1
Scale	1:2500	Date	22-07-2016
Drawn By	RAVITEJA M.S	Checked By	M.LUDLAM
Approved By	M.EMERY	Project No.	HA PIN 543917
Originator	HHJV	Original Size	A1
Drawing number HGN-XXXX-DR-D-0151			

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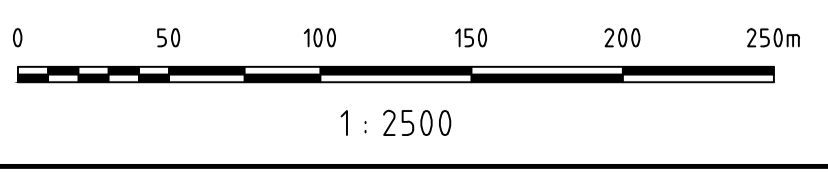


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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
P1	S3	22-07-2016	FOR REVIEW & COMMENTS	RMS	ML	ME
P1.1	S0	17-06-2016	FIRST DRAFT	RMS	ML	ME

KEY	
	ANCIENT WOODLAND
	AQMA BOUNDARY
	WATERBODIES
	WOODLAND
	BUILDINGS
	COUNTRY PARK
	RAILWAY LINE
	KENT WILDLIFE SITE AT BEACONS WOOD COUNTRY PARK AND AT EBBSFLEET

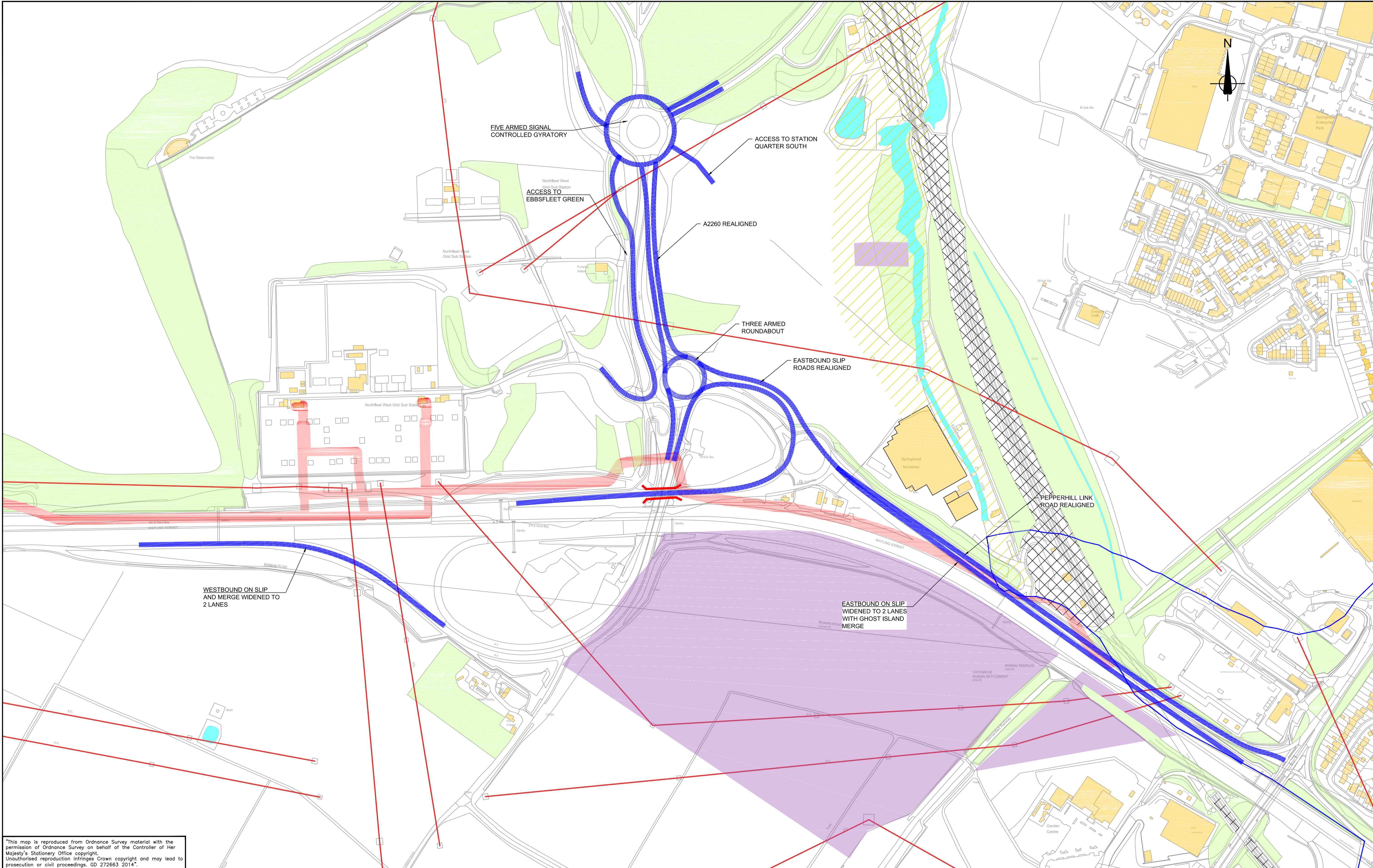
	LISTED BUILDINGS
	SCHEDULED ANCIENT MONUMENT
	NATIONAL GRID UNDERGROUND TRANSMISSION NETWORK HATCH
	OVERHEAD POWER LINES
	SSSI
	STRUCTURES



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Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**
 Drawing title **EBBSFLEET OPTION 2 CONCEPT GENERAL LAYOUT**

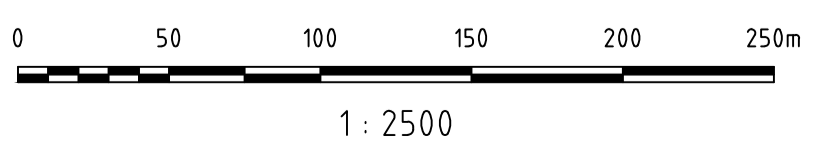
Status	S3	Revision	P1
Scale	1:2500	Date	22-07-2016
Drawn By	RAVITEJA M.S		
Checked By	M.LUDLAM		
Approved By	M.EMERY		
Project No.	HA PIN 543917	Originator	HHJV
Drawing number	HGN-XXXX-DR-D-0152		
Original Size	A1		



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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Appr'd
P1	S3	22-07-2016	FOR REVIEW & COMMENTS	RMS	ML	ME
P1.1	SO	17-06-2016	FIRST DRAFT	RMS	ML	ME

KEY	DESCRIPTION
[Pattern]	ANCIENT WOODLAND
[Pattern]	AQMA BOUNDARY
[Pattern]	WATERBODIES
[Pattern]	WOODLAND
[Pattern]	BUILDINGS
[Pattern]	COUNTRY PARK
[Pattern]	RAILWAY LINE
[Pattern]	KENT WILDLIFE SITE AT BEACONS WOOD COUNTRY PARK AND AT EBBSFLEET
[Symbol]	LISTED BUILDINGS
[Symbol]	SCHEDULED ANCIENT MONUMENT
[Symbol]	NATIONAL GRID UNDERGROUND TRANSMISSION NETWORK HATCH
[Symbol]	OVERHEAD POWER LINES
[Symbol]	SSSI
[Symbol]	STRUCTURES



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Halcrow **Hyder**

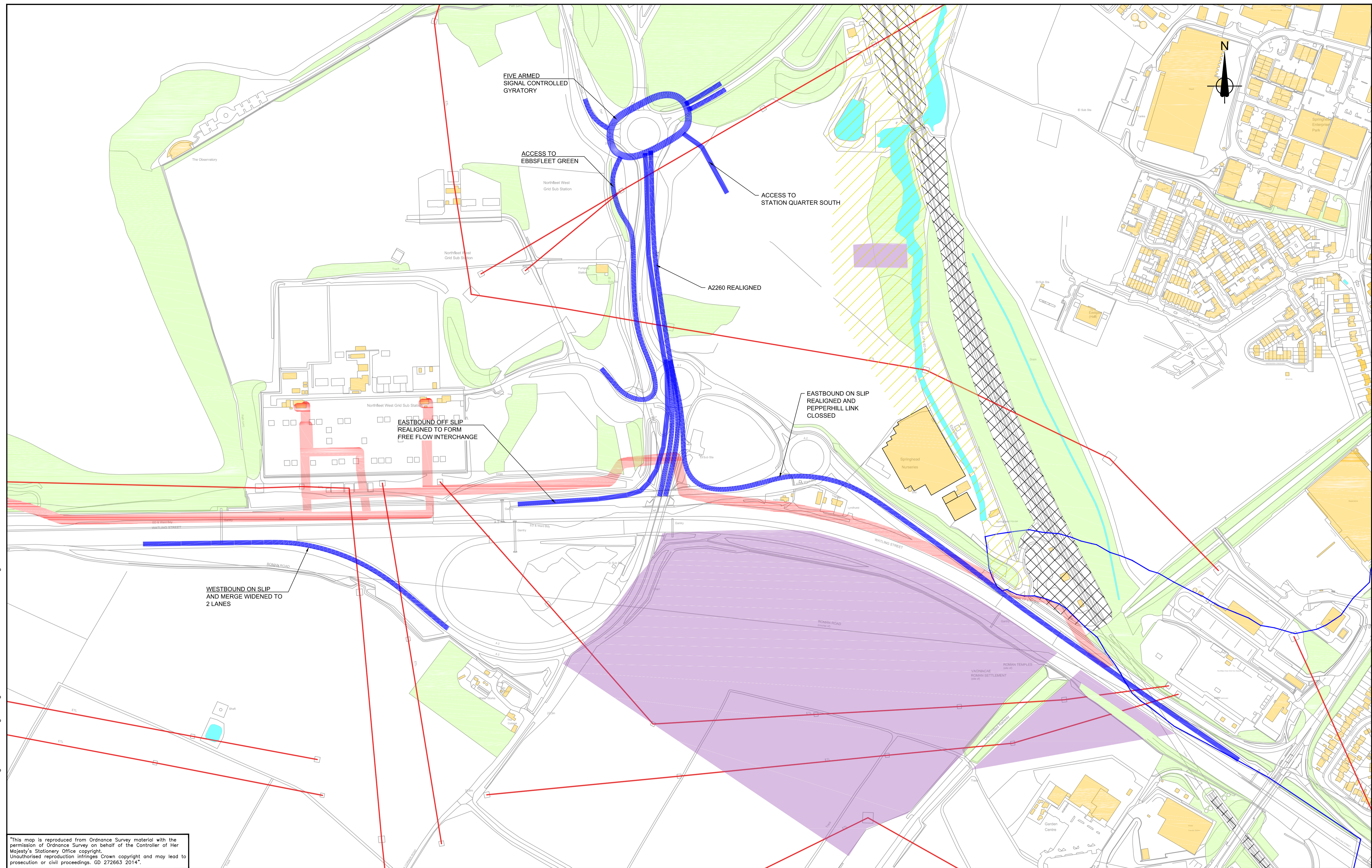
Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**

Drawing title **EBBSFLEET OPTION 3 CONCEPT GENERAL LAYOUT**

Status	S3	Revision	P1
Scale	1:2500	Date	22-07-2016
Drawn By	RAVITEJA M.S	Checked By	M.LUDLAM
Approved By	M.EMERY	Project No.	HA PIN 543917
Originator	HHJV	Original Size	A1
Drawing number HGN-XXXX-DR-D-0153			

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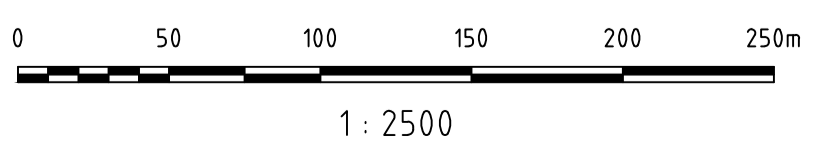
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Appr'd
P1	S3	22-07-2016	FOR REVIEW & COMMENTS	RMS	ML	ME
P1.1	SO	17-06-2016	FIRST DRAFT	RMS	ML	ME

KEY	DESCRIPTION
	ANCIENT WOODLAND
	AQMA BOUNDARY
	WATERBODIES
	WOODLAND
	BUILDINGS
	COUNTRY PARK
	RAILWAY LINE
	KENT WILDLIFE SITE AT BEACONS WOOD COUNTRY PARK AND AT EBBSFLEET
	LISTED BUILDINGS
	SCHEDULED ANCIENT MONUMENT
	NATIONAL GRID UNDERGROUND TRANSMISSION NETWORK HATCH OVERHEAD POWER LINES
	SSSI
	STRUCTURES



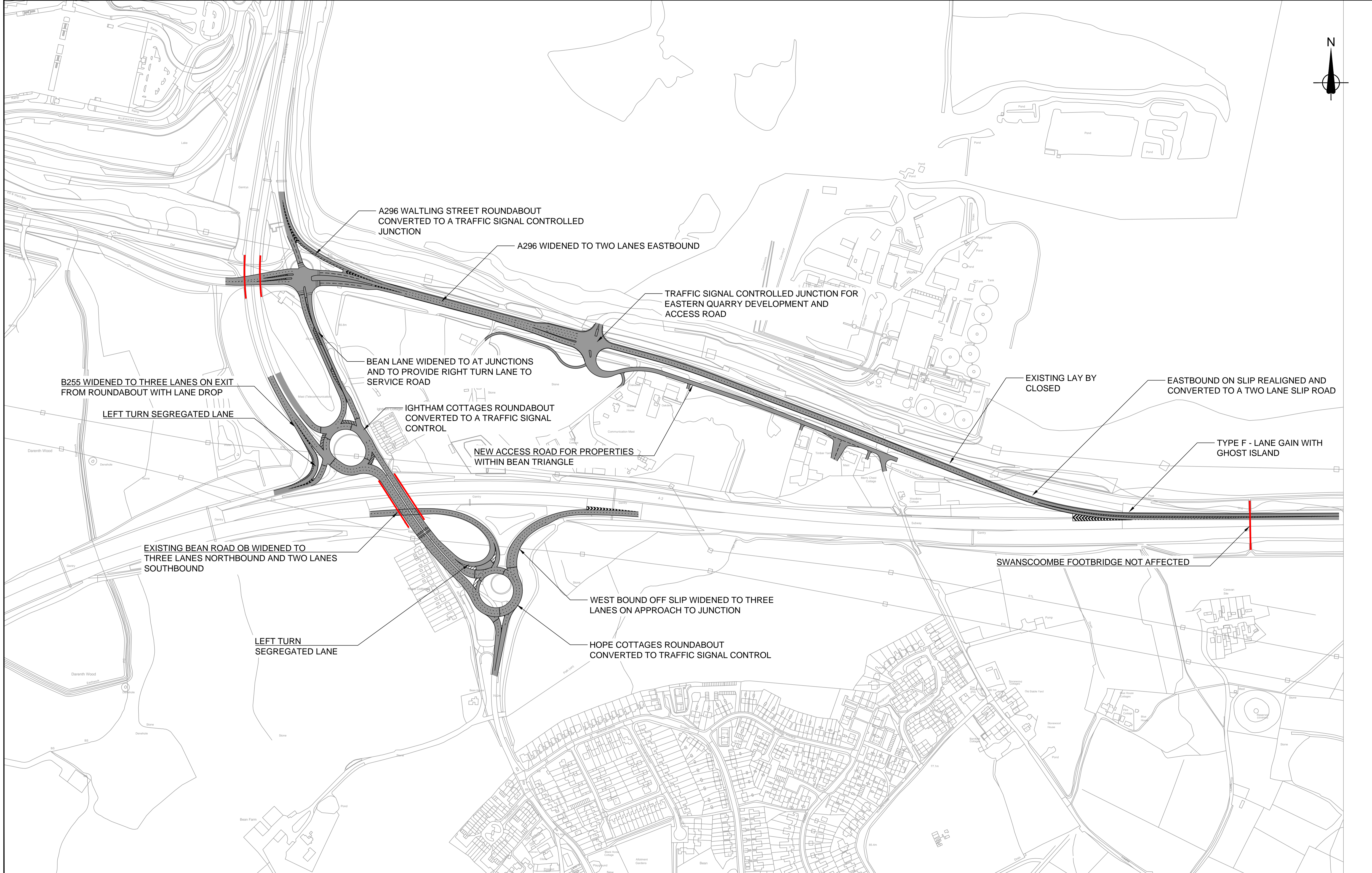
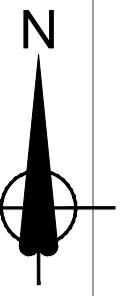
Client **highways england**

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Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**

Drawing title **EBBSFLEET OPTION 4 CONCEPT GENERAL LAYOUT**

Status	S3	Revision	P1
Scale	1:2500	Date	22-07-2016
Drawn By	RAVITEJA M.S		
Checked By	M.LUDLAM		
Approved By	M.EMERY		
Project No.	HA PIN 543917	Originator	HHJV
Original Size	A1		
Drawing number HGN-XXXX-DR-D-0154			



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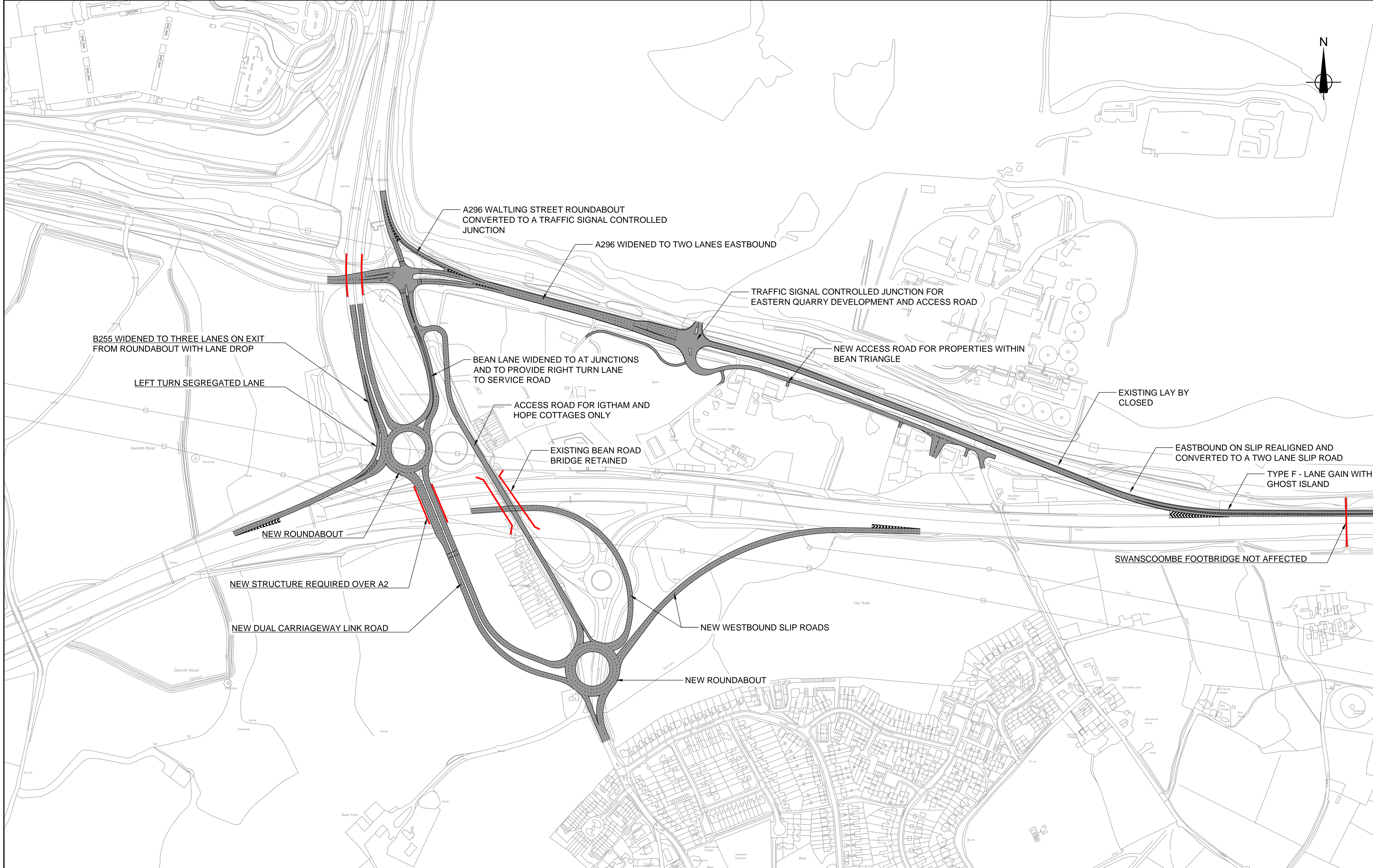
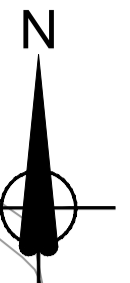
Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Appr'd
P1	S3	28-07-2016	FOR COMMENTS AND REVIEW	RMS	ML	ME
P1.2	S0	30-06-2016	NOTES AND SHADING ADDED	RMS	ML	ME
01	S0	11-01-2016	FOR INFORMATION	RMS	ML	ME

Client

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Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**
 Drawing title **BEAN JUNCTION OPTION 1c LAYOUT SHEET 1 OF 1**

Status	S3	Revision	P1
Scale	1:2500	Date	28-07-2016
Drawn By	RAVITEJA M.S		
Checked By	M.LUDLAM		
Approved By	M.EMERY		
Project No.	HA PIN 543917	Originator	HHJV
Drawing number	HGN-XXXX-DR-D-0009		
Original Size	A1		



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Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Apprv'd
P1	S3	28-07-2016	FOR COMMENTS AND REVIEW	RMS	ML	ME
P1.2	S0	30-06-2016	NOTES AND SHADING ADDED	RMS	ML	ME
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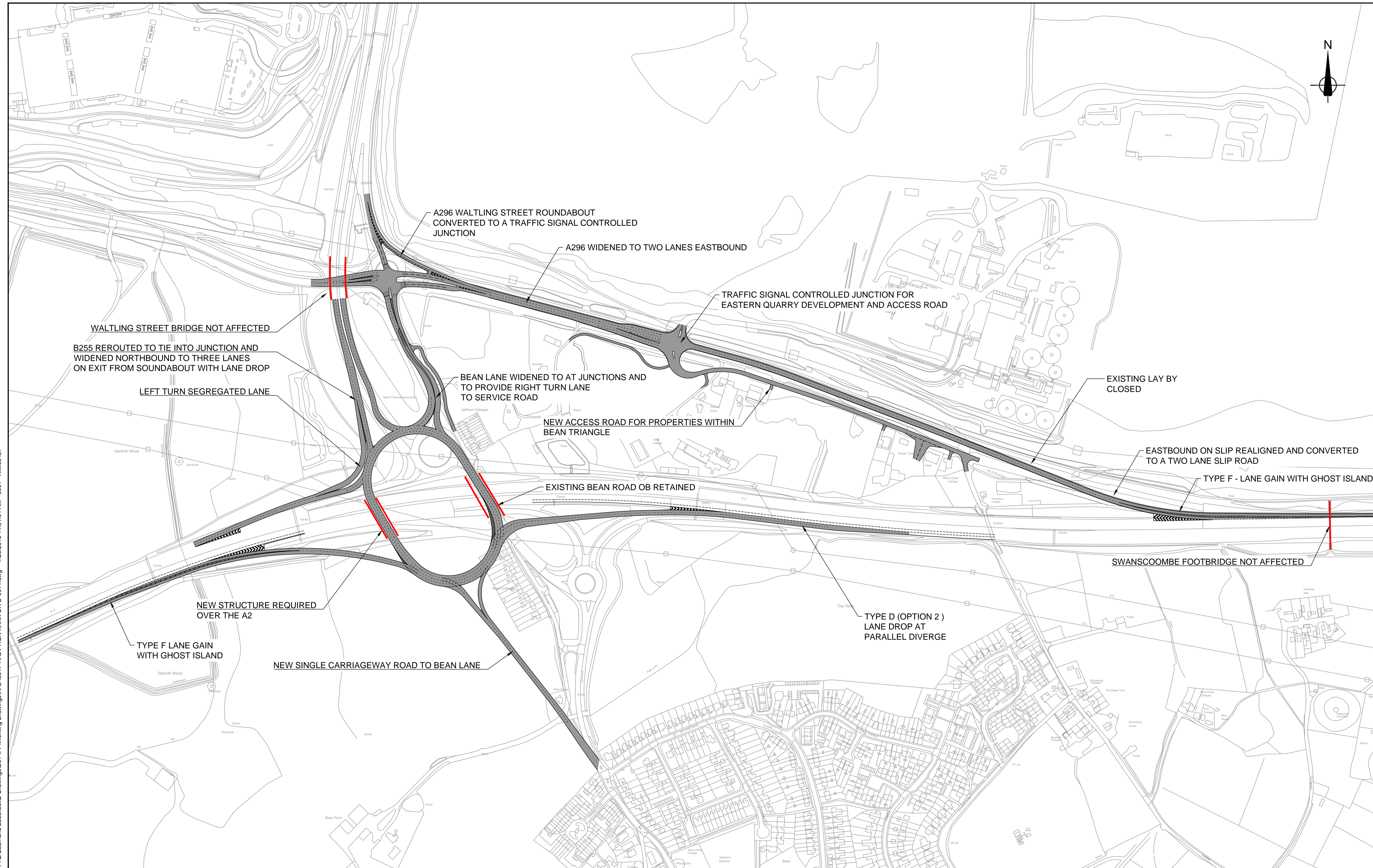
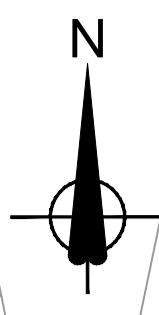
Client

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 Swindon, SN4 0QD
 Tel. +44(0)1793 812479

Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**

Drawing title **BEAN JUNCTION OPTION 2a LAYOUT SHEET 1 OF 1**

Status	S3	Revision	P1
Scale	1:2500	Date	28-07-2016
Drawn By	RAVITEJA M.S	Checked By	M.LUDLAM
Approved By	M.EMERY	Project No.	HA PIN 543917
Originator	HHJV	Original Size	A1
Drawing number	HGN-XXXX-DR-D-0010		



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Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Appr'd
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P1.2	S0	30-06-2016	NOTES AND SHADING ADDED	RMS	ML	ME
01	S0	11-01-2016	FOR INFORMATION	RMS	ML	ME

Client **highways england**

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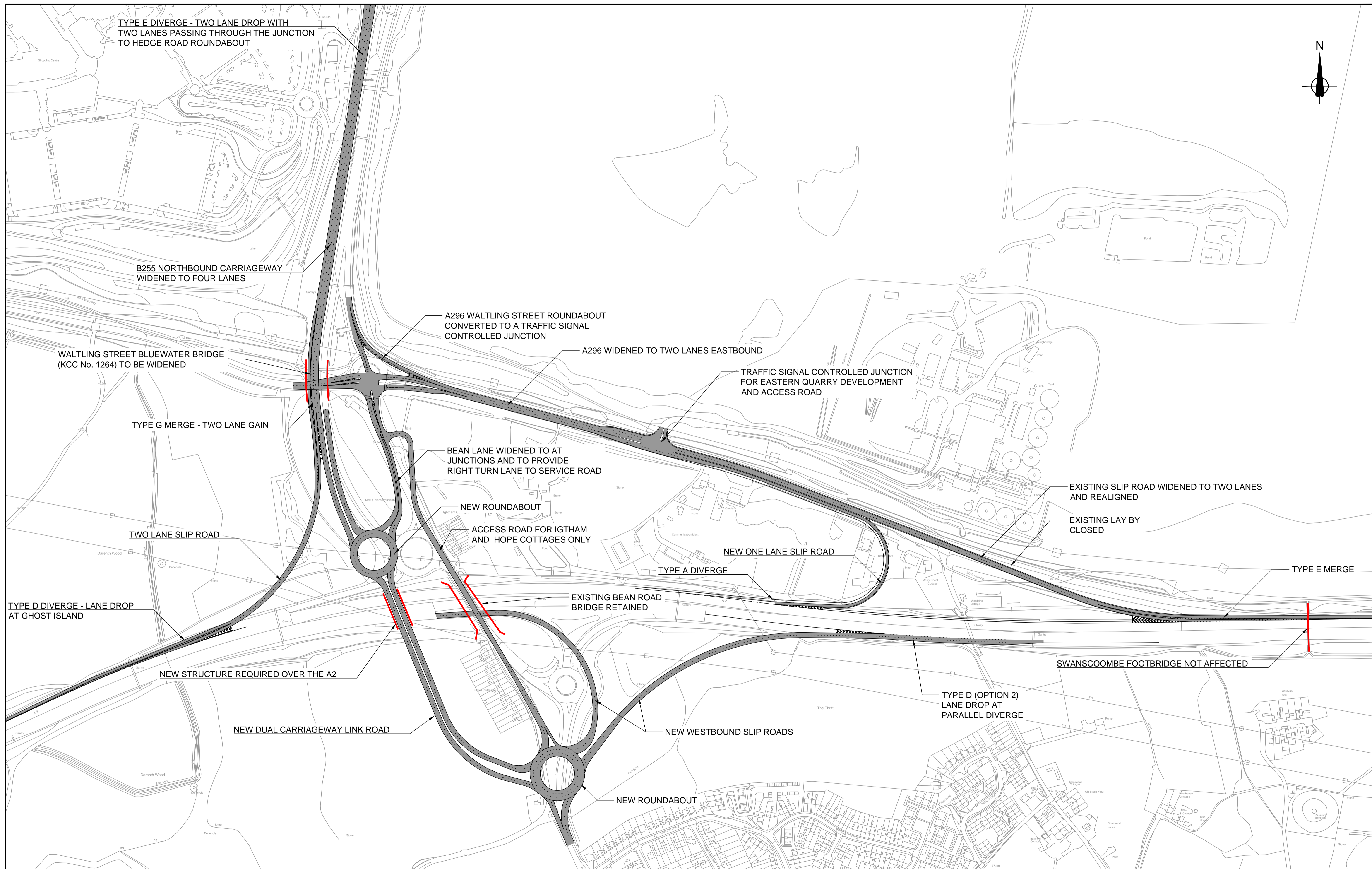
Halcrow **Hyder**

Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**

Drawing title **BEAN JUNCTION OPTION 3 LAYOUT SHEET 1 OF 1**

Status	S3	Revision	P1
Scale	1:2500	Date	28-07-2016
Drawn By	RAVITEJA M.S	Checked By	M.LUDLAM
Approved By	M.EMERY	Project No.	HA PIN 543917
Originator	HHJV	Original Size	A1
Drawing number HGN-XXXX-DR-D-0011			

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Apprv'd
P1	S3	28-07-2016	FOR COMMENTS AND REVIEW	RMS	ML	ME
P1.2	S0	30-06-2016	NOTES AND SHADING ADDED	RMS	ML	ME
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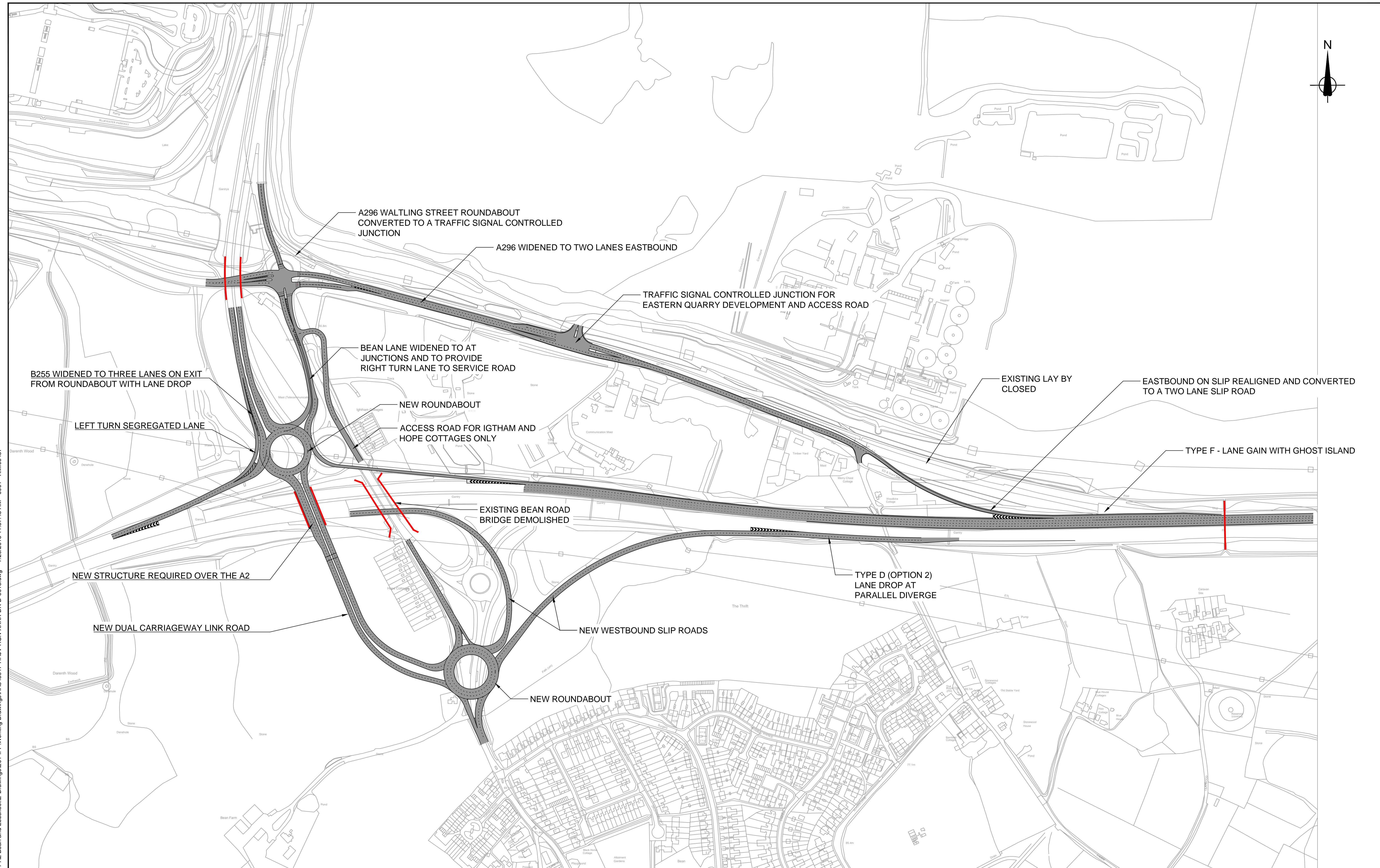
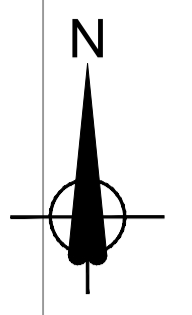
Client

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Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**

Drawing title **BEAN JUNCTION OPTION 4a LAYOUT SHEET 1 OF 1**

Status	S3	Revision	P1
Scale	1:2500	Date	28-07-2016
Drawn By	RAVITEJA M.S		
Checked By	M.LUDLAM		
Approved By	M.MERY		
Project No.	HA PIN 543917	Originator	HHJV
Original Size			A1
Drawing number	HGN-XXXX-DR-D-0012		



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Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Appr'd
P1	S3	28-07-2016	FOR COMMENTS AND REVIEW	RMS	ML	ME
P1.2	S0	30-06-2016	NOTES AND SHADING ADDED	RMS	ML	ME
01	S0	11-01-2016	FOR INFORMATION	RMS	ML	ME

Client

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 Tel. +44(0)1793 812479

Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**

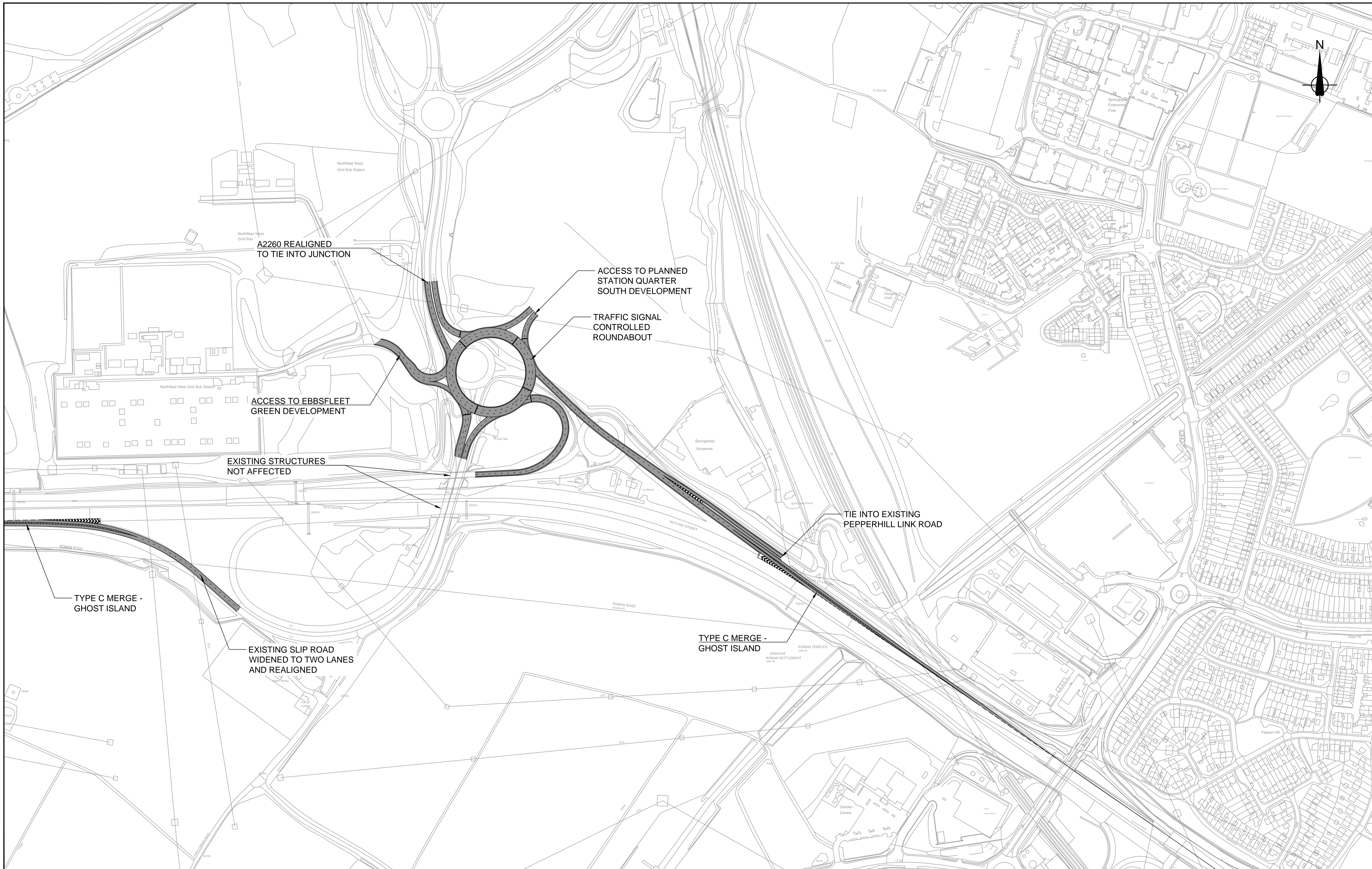
Drawing title **BEAN JUNCTION OPTION 4b LAYOUT SHEET 1 OF 1**

Status	Revision	Date
S3	P1	28-07-2016

Scale	1:2500
Drawn By	RAVITEJA M.S
Checked By	M.LUDLAM
Approved By	M.EMERY

Project No.	HA PIN 543917	Originator	HHJV	Original Size	A1
Drawing number HGN-XXXX-DR-D-0013					

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd
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P1.2	S0	30-06-2016	NOTES AND SHADING ADDED	RMS	ML
01	S0	11-01-2016	FOR INFORMATION	RMS	ML
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Client

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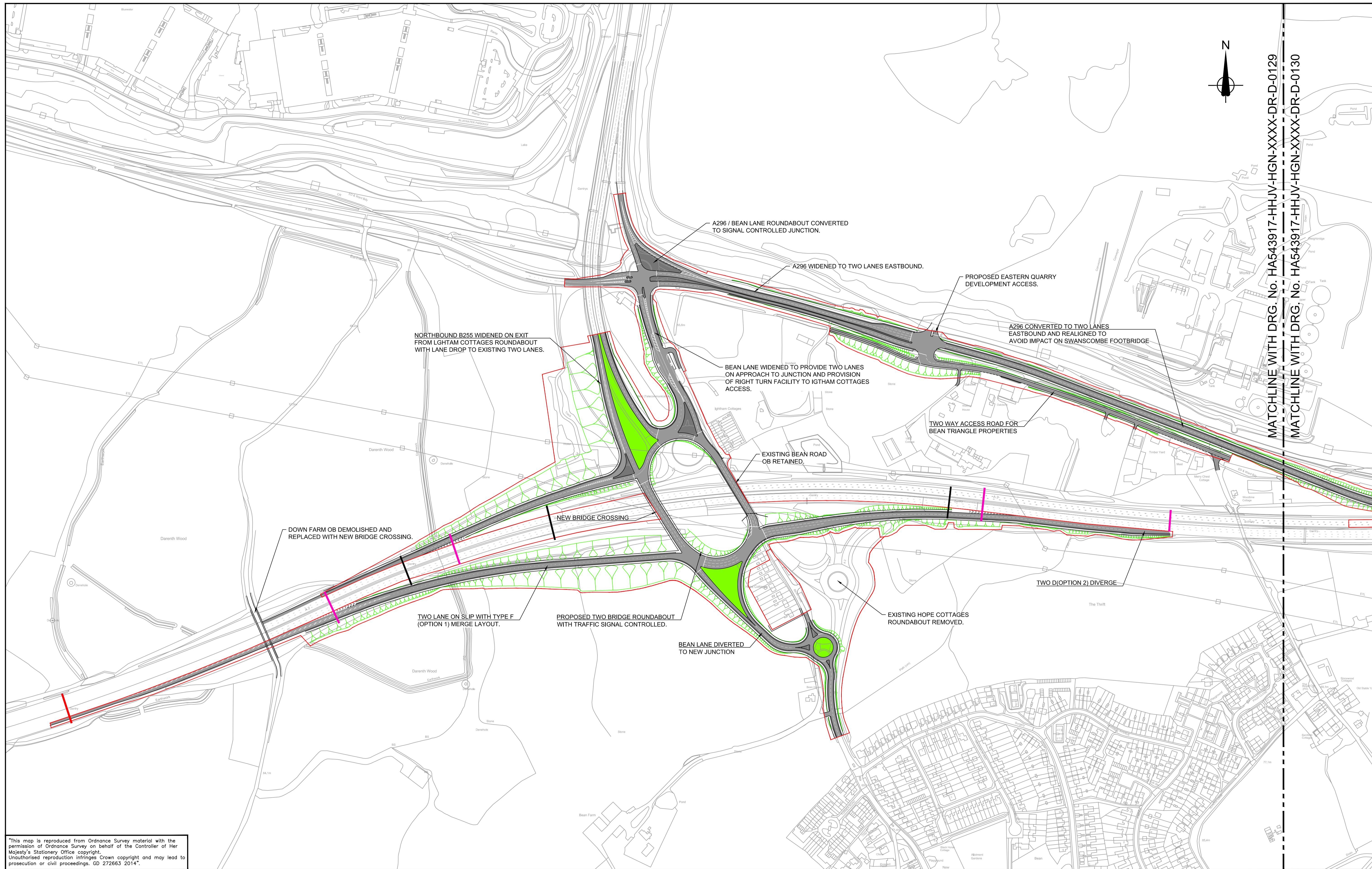
Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**

Drawing title **EBBSFLEET JUNCTION OPTION 2 LAYOUT SHEET 1 OF 1**

Status	S3	Revision	P1
Scale	1:2500	Date	28-07-2016
Drawn By	RAVITEJA M.S		
Checked By	M.LUDLAM		
Approved By	M.EMERY		
Project No.	HA PIN 543917	Originator	HHJV
Drawing number	HGN-XXXX-DR-D-0016		

Status	S3	Revision	P1
Scale	1:2500	Date	28-07-2016
Drawn By	RAVITEJA M.S		
Checked By	M.LUDLAM		
Approved By	M.EMERY		
Project No.	HA PIN 543917	Originator	HHJV
Drawing number	HGN-XXXX-DR-D-0016		
Original Size	A1		

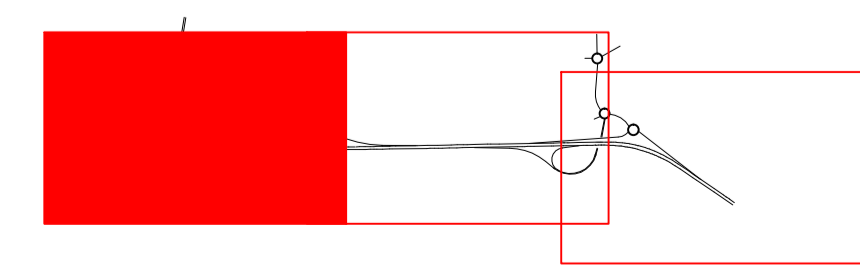
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MATCHLINE WITH DRG. No. HA543917-HHJV-HGN-XXXX-DR-D-0129
 MATCHLINE WITH DRG. No. HA543917-HHJV-HGN-XXXX-DR-D-0130

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
P4	S3	24-11-2016	MINOR AMENDMENTS	RMS	ML	ME
P1	S3	22-08-2016	FOR COMMENT AND REVIEW	RMS	ML	ME
P2.1	S0	27-06-2016	INTERIM DESIGN FIX C	RMS	ML	ME
P1	S2	14-06-2016	FOR INFORMATION	RMS	ML	ME
P1.1	S0	24-05-2016	FIRST DRAFT	RMS	ML	ME



- SCHEME BOUNDARY
- EXISTING SIGN AND SIGNAL GANTRY RETAINED
- NEW SIGN AND SIGNAL GANTRY
- EXISTING SIGN AND SIGNAL GANTRY REMOVED

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Client

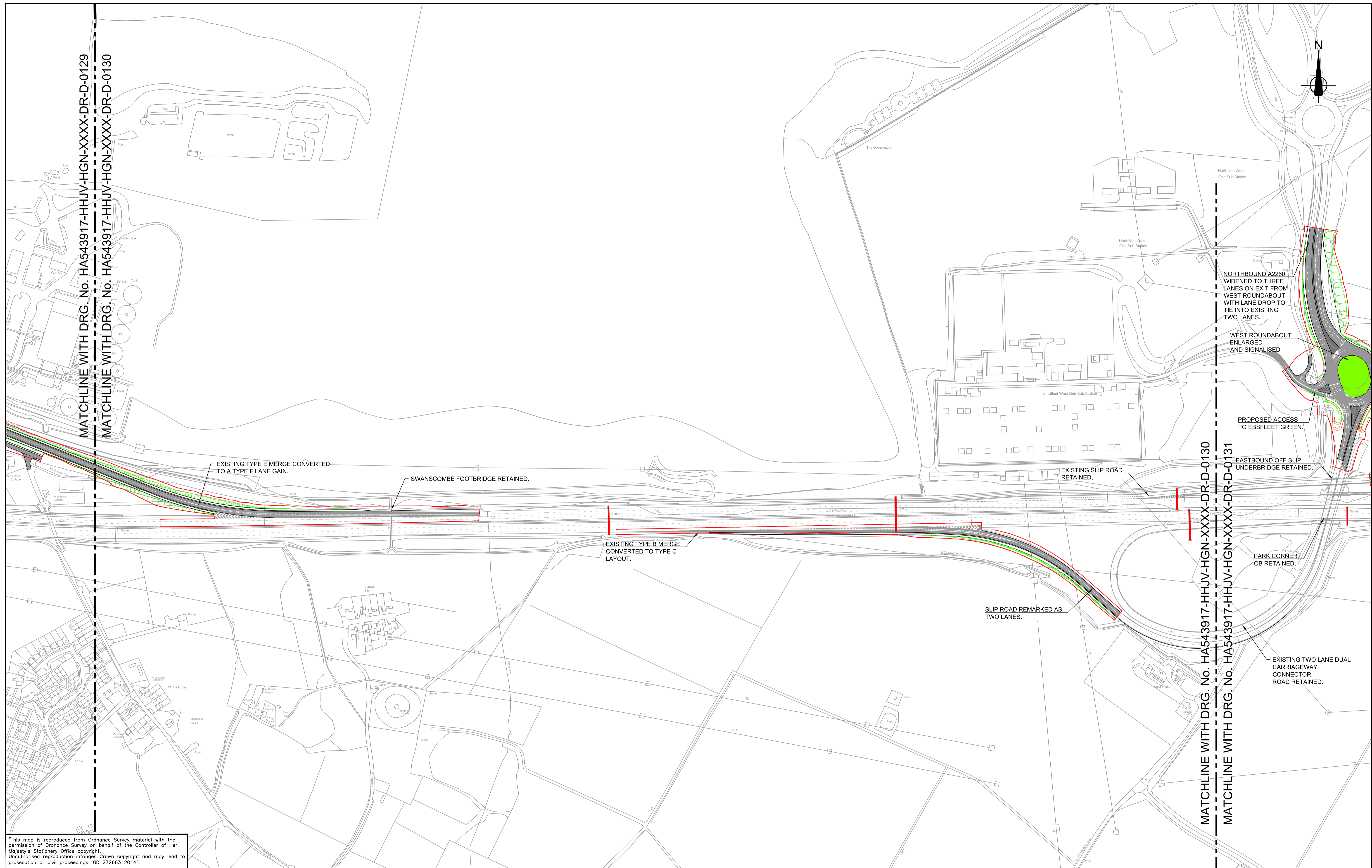
Halcrow Hyder Joint Venture
 Burderop Park
 Swindon, SN4 0QD
 Tel. +44(0)1793 812479

Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**

Drawing title **GENERAL LAYOUT BEAN OPTION 3 AND EBBSFLEET OPTION 1 SHEET 1 OF 3**

Status	S3	Revision	P4
Scale	1:2500	Date	24-11-2016
Drawn By	RAVITEJA M.S	Checked By	M.LUDLAM
Approved By	M.EMERY	HA PIN	543917
Originator	HHJV	Original Size	A1
Drawing number	HGN-XXXX-DR-D-0129		

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv'd
P4	S3	24-11-2016	MINOR AMENDMENTS	RMS	ML	ME
P1	S3	22-08-2016	FOR COMMENT AND REVIEW	RMS	ML	ME
P2.1	S0	27-06-2016	INTERIM DESIGN FIX C	RMS	ML	ME
P1	S2	14-06-2016	FOR INFORMATION	RMS	ML	ME
P1.1	S0	24-05-2016	FIRST DRAFT	RMS	ML	ME



——— SCHEME BOUNDARY
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 ——— NEW SIGN AND SIGNAL GANTRY
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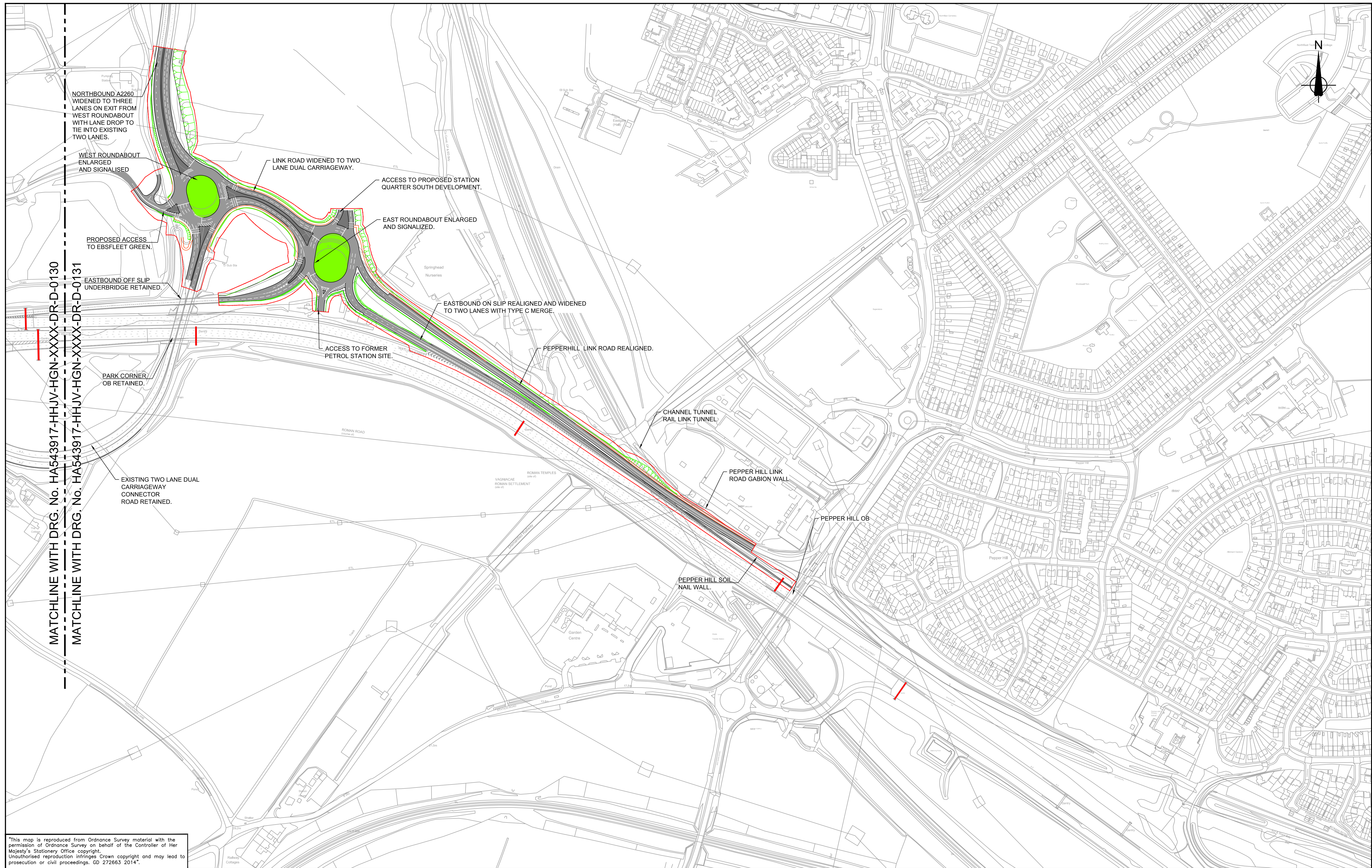
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Client **highways england**
Halcrow Hyder Joint Venture
 Burderop Park
 Swindon, SN4 0QD
 Tel. +44(0)1793 812479
Halcrow Hyder

Project **A2 BEAN AND EBSFLEET JUNCTION IMPROVEMENTS**
 Drawing title **GENERAL LAYOUT BEAN OPTION 3 AND EBSFLEET OPTION 1 SHEET 2 OF 3**

Status	S3	Revision	P4
Scale	1:2500	Date	24-11-2016
Drawn By	RAVITEJA M.S		
Checked By	M.LUDLAM		
Approved By	M.EMERY		
Project No.	HA PIN 543917	Originator	HHJV
Drawing number	HGN-XXXX-DR-D-0130		
Original Size	A1		

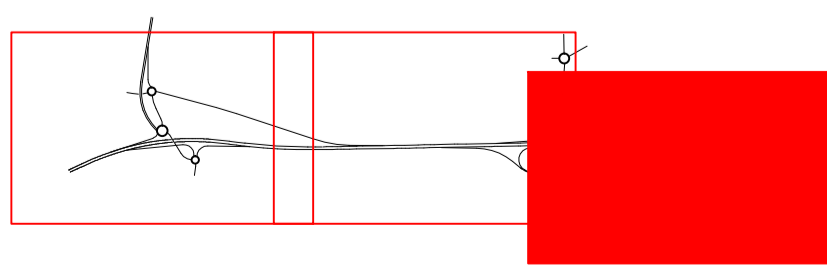
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MATCHLINE WITH DRG. No. HA543917-HHJV-HGN-XXXX-DR-D-0130
MATCHLINE WITH DRG. No. HA543917-HHJV-HGN-XXXX-DR-D-0131

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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chk'd	Appr'd
P4	S3	24-11-2016	MINOR AMENDMENTS	RMS	ML	ME
P1	S3	22-08-2016	FOR COMMENT AND REVIEW	RMS	ML	ME
P2.1	S0	27-06-2016	INTERIM DESIGN FIX C	RMS	ML	ME
P1	S2	14-06-2016	FOR INFORMATION	RMS	ML	ME
P1.1	S0	24-05-2016	FIRST DRAFT	RMS	ML	ME



- SCHEME BOUNDARY
- EXISTING SIGN AND SIGNAL GANTRY RETAINED
- NEW SIGN AND SIGNAL GANTRY
- EXISTING SIGN AND SIGNAL GANTRY REMOVED

0 50 100 150 200 250m

1 : 2500

Client

highways england

Halcrow Hyder Joint Venture
Burdorpe Park
Swindon, SN4 0QD
Tel. +44(0)1793 812479

Halcrow **Hyder**

Project **A2 BEAN AND EBBSFLEET JUNCTION IMPROVEMENTS**

Drawing title **GENERAL LAYOUT BEAN OPTION 3 AND EBBSFLEET OPTION 1 SHEET 3 OF 3**

Status	S3	Revision	P4
Scale	1:2500	Date	24-11-2016
Drawn By	RAVITEJA M.S	Checked By	M.LUDLAM
Approved By	M.EMERY	Project No.	HA PIN 543917
Originator	HHJV	Original Size	A1
Drawing number HGN-XXXX-DR-D-0131			