

M2 Junction 5 Improvements Environmental Statement Addendum Volume 3 - Figures January 2020

Status: A1 APPROVED - PUBLISHED

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Document control

The Project Manager is responsible for production of this document, based on the contributions made by his/her team existing at each Stage

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Author	CB
Owner	Camelia Lichtl
Distribution	
Document Status	A1

Revision History

Version	Date	Description	Originator	Checker	Reviewer	Authoriser
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Reviewer List

Name	Role
Environmental Support Centre	SES Environment Group

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1. Background

- 1.1.1 This document is an addendum to the Environmental Statement (ES) Volume 3 – Figures document which was published with the Orders for the M2 junction 5/A249 Stockbury roundabout improvements scheme under the Highways Act 1980 on 13 June 2019.
- 1.1.2 Since the publication of the ES and the Orders, comments were received from statutory and non-statutory organisations plus members of the public. In consideration of these comments some further assessments and changes to the design have been undertaken.
- 1.1.3 A summary of the design changes is outlined in the ES (Volume 1 – Main Text) Addendum. These changes have been reviewed and the following figures have been updated and are included in this addendum:
- Figure 2.2 Scheme Drawings
 - Figure 2.3 Preliminary Environmental Design
 - Figure 7.1 Mitigation Plan
 - Figures 9.47 – 9.50 Visual Effects Drawings (Year 1 / Year15)
- 1.1.4 No other figures require updates.
- 1.1.5 The following new figures have been produced following the winter and night-time landscape surveys in November 2019:
- Figures 9.60 – 9.92 Photo sheets (daytime views)
 - Figures 9.93 – 9.98 Photo sheets (night-time views)
 - Figures 9.99 – 9.107 Photomontages (Year 1 / Year 5 and Year 15)

2. Chapter 2 Project Description

Figure 2.2 Updated Scheme Drawings (6 Sheets)

Figure 2.3 Updated Preliminary Environmental Design (3 Sheets)

DO NOT SCALE






0 10 100
Millimetres

NOTES :







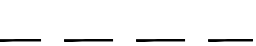
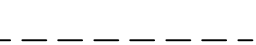









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HE551521-ATK-HGN-XX_ML-DR-CH-000102
HE551521-ATK-HGN-XX_ML-DR-CH-000103
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HE551521-ATK-HGN-XX_ML-DR-CH-000105 &
HE551521-ATK-HGN-XX_ML-DR-CH-000106
3. FOR LONGITUDINAL PROFILES REFER TO DWG NO .
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HE551521-ATK-HML-A249_LS_A-DR-CH-000002
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HE551521-ATK-HML-A249_LS-DR-CH-000004
HE551521-ATK-HML-R1_LS-DR-CH-000001
4. FOR EXISTING UTILITY DETAILS REFER DWG NO.
HE551521-ATK-VUT-XX_ML-DR-CH-000101
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HE551521-ATK-VUT-XX_ML-DR-CH-000104
HE551521-ATK-VUT-XX_ML-DR-CH-000105 &
HE551521-ATK-VUT-XX_ML-DR-CH-000106

KEY :




GENERAL

-  EXISTING BUILDINGS
-  FLOOD ZONE BOUNDARY
-  EXTENT OF MAIN WORKS
-  ACCESS FOR FIELDS
-  PROPOSED GATE




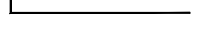




HIGHWAYS

-  EXISTING HIGHWAY BOUNDARY
-  SCHEME BOUNDARY
-  PROPOSED HIGHWAY FENCE LINE
-  PROPOSED INFILTRATION POND FENCE LINE
-  TEMPORARY FENCE LINE
-  PRIVATE FENCE LINE
-  PROPOSED LANE MARKINGS
-  PROPOSED VERGE
-  EXISTING FOOTPATH RETAINED
-  PROPOSED PUBLIC FOOTPATH
-  EXISTING FOOTPATH TO BE REMOVED
-  PROPOSED EARTHWORK SLOPE
-  PROPOSED ANTI-DAZZLE FENCE
-  CHAINAGE
-  A249 MAINLINE CHAINAGE
-  SEGREGATED LEFT TURN CHAINAGE
-  PROPOSED TRAFFIC SIGN AND SIGN POST


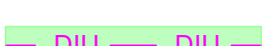




STRUCTURES

-  PROPOSED BRIDGE
-  EXISTING BRIDGE
-  PROPOSED RETAINING WALL

HAZARD WARNING TRIANGLE

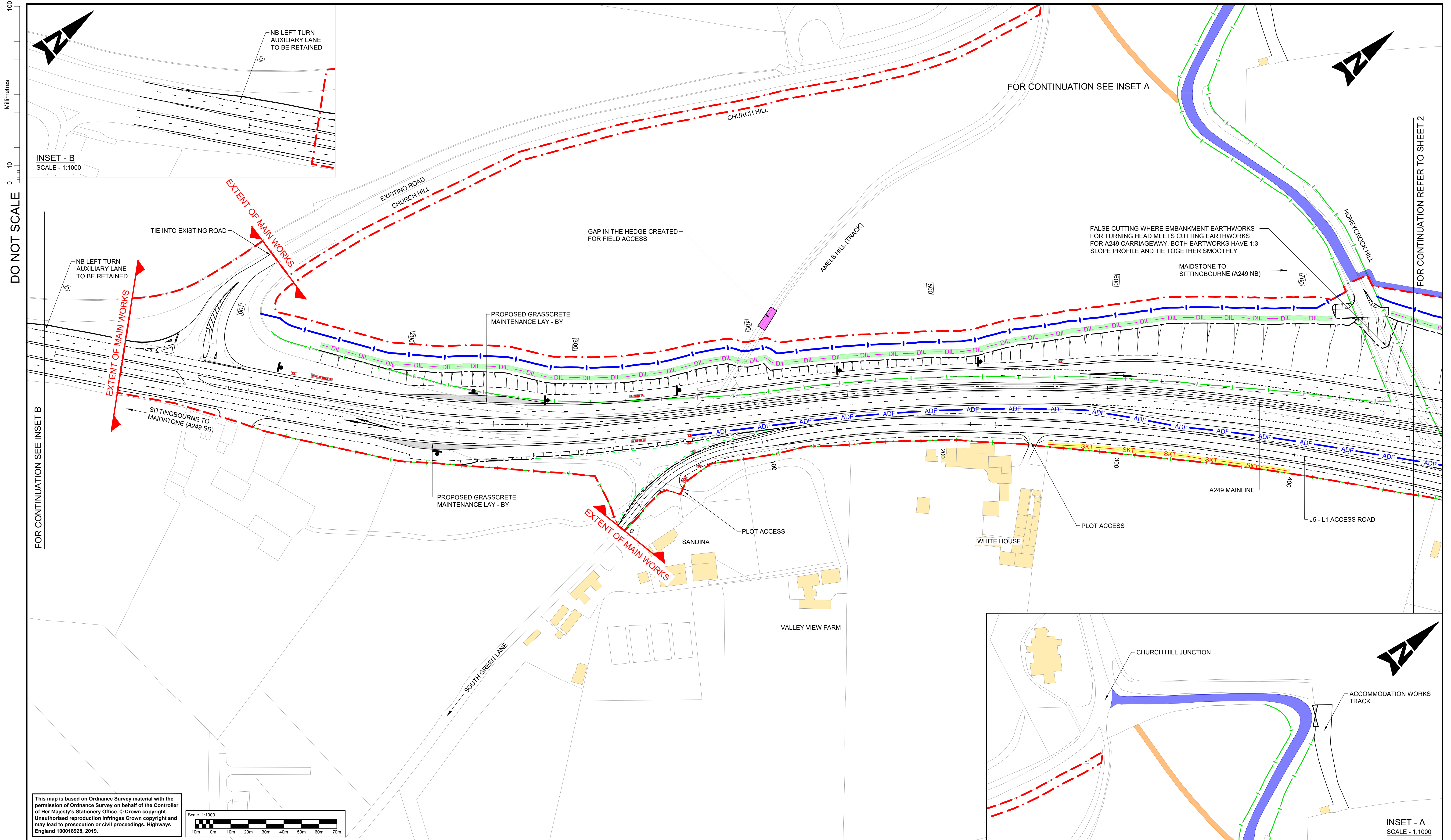
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-  UNIQUE ID
-  DISCIPLINE
-  UTILITY
-  HS/XXX/XX
-  UNIQUE ID
-  DISCIPLINE
-  HEALTH AND SAFETY

DRAINAGE

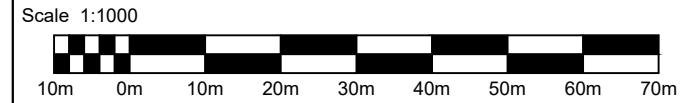
-  PROPOSED TRENCH SOAKAWAY
-  PROPOSED UNLINED DITCH
-  PROPOSED LINED DITCH
-  PROPOSED SWALE UNLINED DITCH
-  PROPOSED FILTER DRAIN
-  PROPOSED INFILTRATION BASIN

TECHNOLOGY

-  PROPOSED TECHNOLOGY SITE

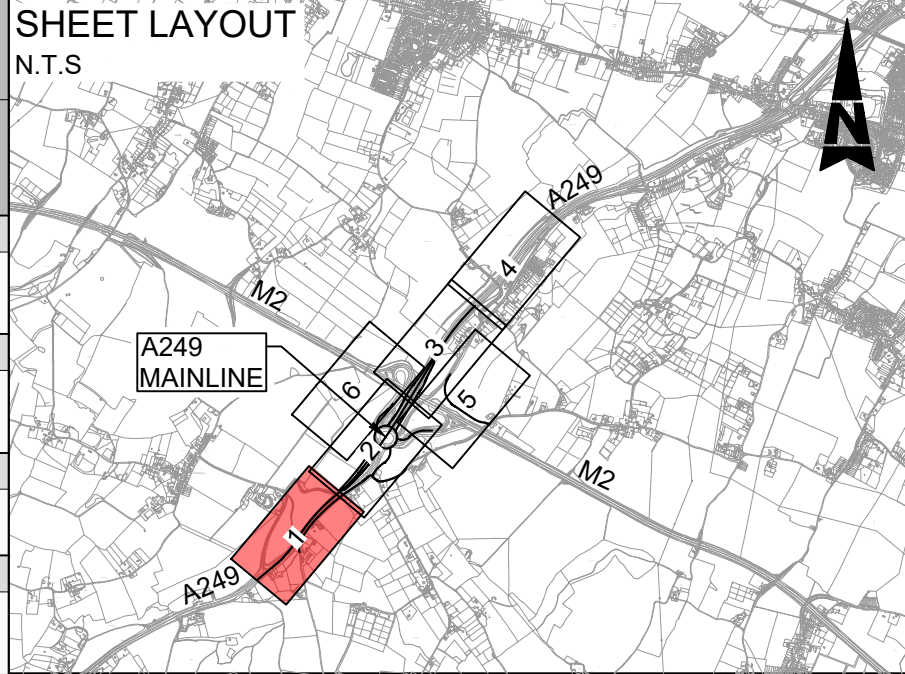


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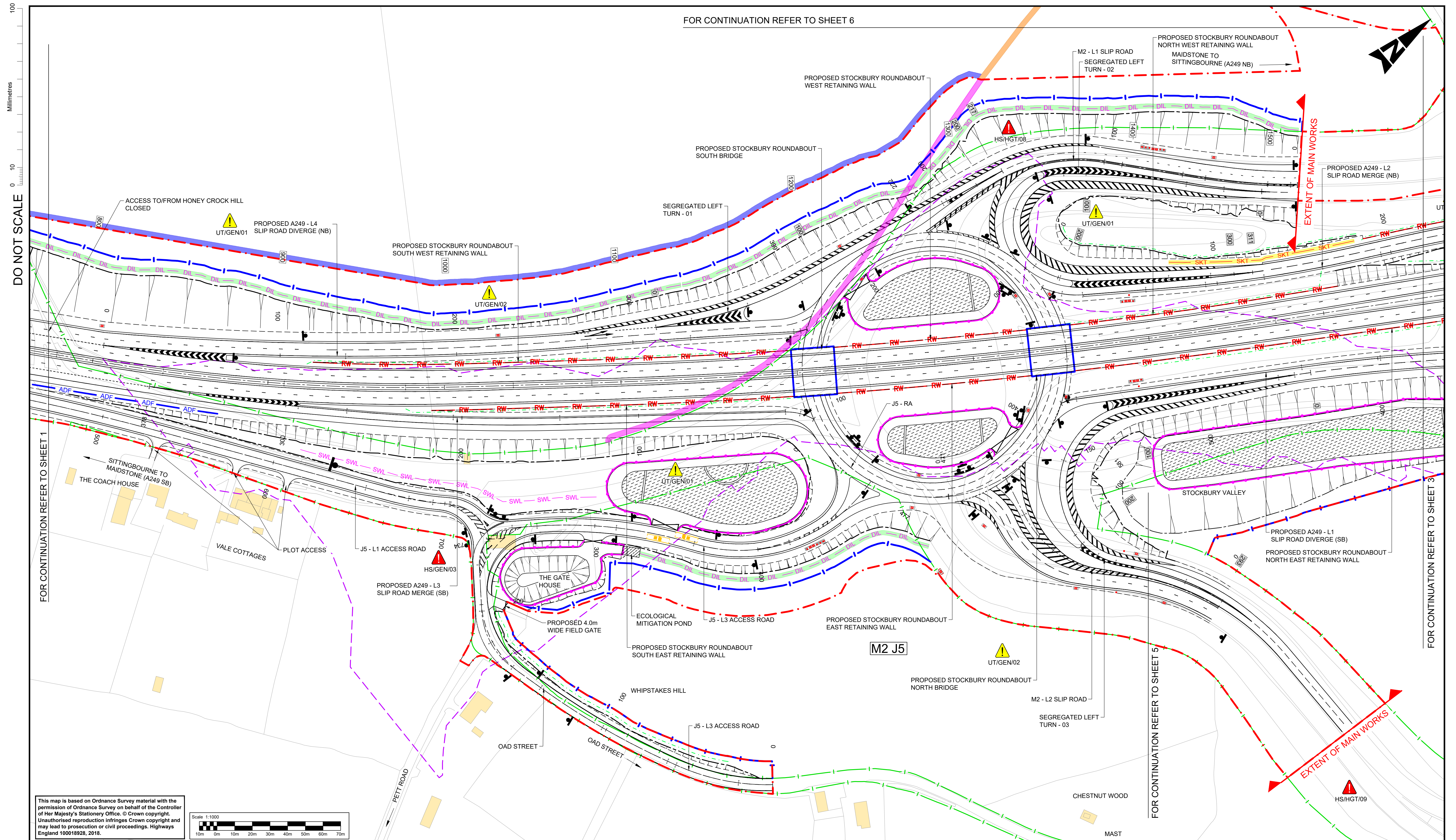
- NOTES :**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - FOR GENERAL NOTES AND KEY REFER TO DRG. No. HE551521-ATK-HGN-XX_ML-DR-CH-000100.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).	
Construction	None identified at this stage
Maintenance / Cleaning	None identified at this stage
Use	None identified at this stage
Decommissioning / Demolition	None identified at this stage



Description													
STAGE 3 DESIGN FIX 3													
Status	A1	Revision	C02	Drawn	AH	Checked	SM	Reviewed	CCR	Authorised	HC	Issue Date	11/01/19
Description													
STAGE 3 DESIGN FIX 3													
Status	A1	Revision	C03	Drawn	AH	Checked	AV	Reviewed	CCR	Authorised	HC	Issue Date	17/01/19
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STAGE 3 DESIGN FIX 3													
Status	S3	Revision	P05	Drawn	VW	Checked	CJ	Reviewed	CCR	Authorised	---	Issue Date	15/01/20
Description													
STAGE 3 DESIGN FIX 3													
Status	A1	Revision	C05	Drawn	AH	Checked	CJ	Reviewed	CCR	Authorised	HC	Issue Date	20/01/20

Drawing Suitability		APPROVED - PUBLISHED		Status	A1	Project Title		M2 Junction 5 Improvement	
SNC-LAVALIN		ATKINS		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL		Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title	
Copyright © Atkins Limited (2018)		Working on behalf of		highways england		Drawing Number		HE551521 - ATK - HGN -	
Client		Project		XX_ML		Location		Type	
Original Size: A1		Scale: 1:1000		Project Ref. No: 5158158		Sheet: 1 of 6		Rev: C05	



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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction
UT/GEN/01 : Works in close proximity of Southern water pipe line.
UT/GEN/02 : Works in close proximity of UK Power Network Cable.
HS/GEN/01 : Potential presence of asbestos.
HS/GEN/03 : Historical flooding.
HS/HGT/08 : Known defects on earthworks.
HS/HGT/09 : Historical evidence of dissolution features.

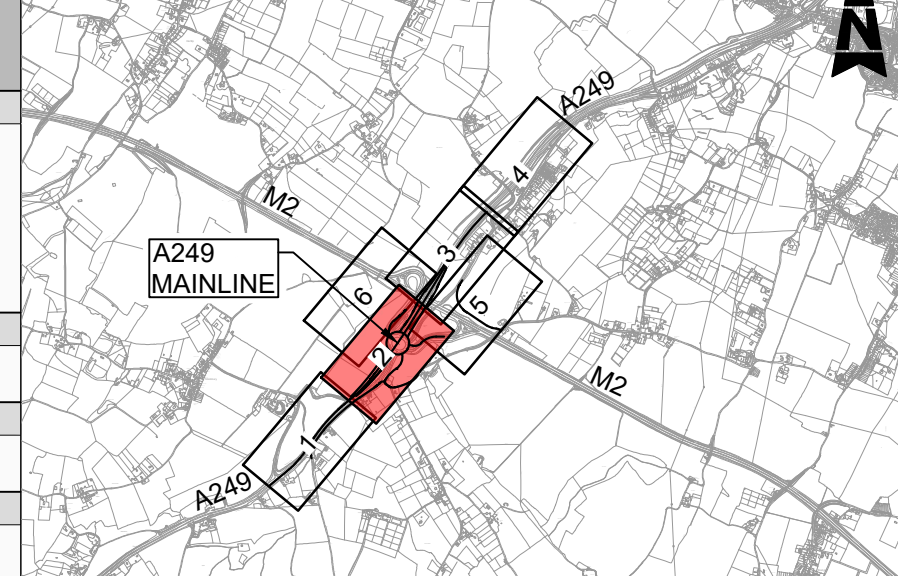
Maintenance / Cleaning
Convolutated winter maintenance route

Use
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Decommissioning / Demolition
None identified at this stage

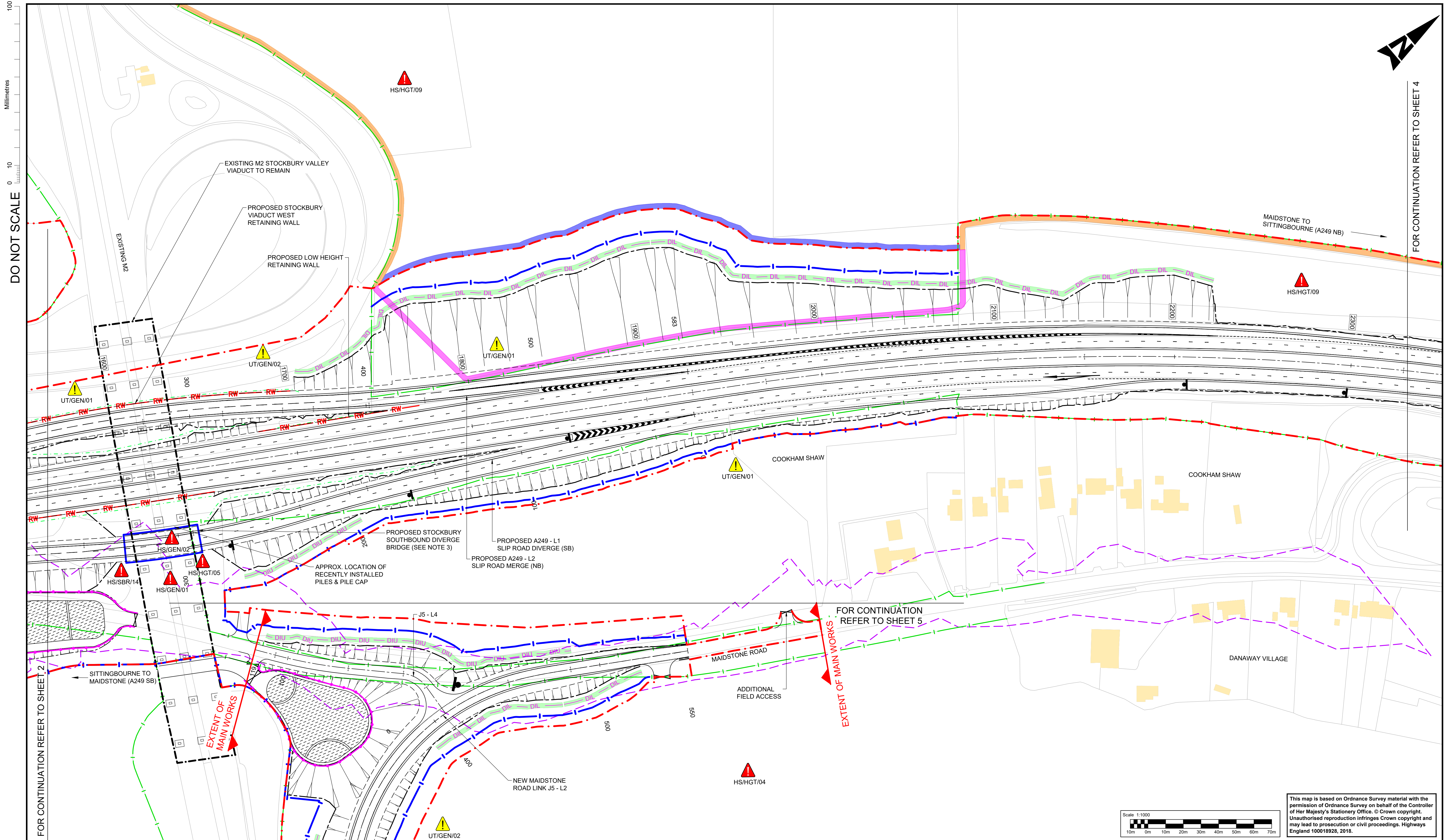
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N.T.S



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Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C03	AH	AV	CCR	HC	17/01/19
Description: STAGE 3 DESIGN FIX 3						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C04	AH	SM	CCR	HC	08/02/19
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Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
S3	P05	VW	CJ	CCR	---	15/01/20
Description: STAGE 3 DESIGN FIX 3						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C05	AH	CJ	CCR	HC	20/01/20

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SNC-LAVALIN		ATKINS		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL		Drawing Title		FIGURE 2.2 GENERAL ARRANGEMENT	
Copyright © Atkins Limited (2018)		Working on behalf of		highways england		Drawing Number		HE551521 - ATK - HGN -	
Client		Project		Location		Original Size		Scale: 1:1000	
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Project		XX_ML		Type		Role		Number	



NOTES :

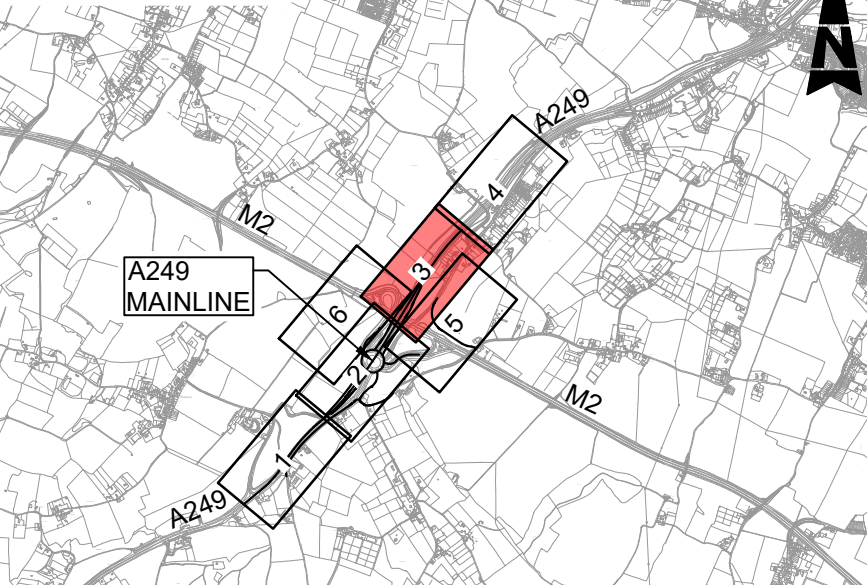
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- FOR GENERAL NOTES AND KEY REFER TO DRG. No. HE551521-ATK-HGN-XX_ML-DR-CH-000100.
- THE PROPOSED STOCKBURY SOUTHBOUND DIVERGE BRIDGE HAS BEEN ADDED TO THE SCHEME DESIGN LATE IN STAGE 3. THE STRUCTURAL ARRANGEMENT IS BEING CONSIDERED IN A SEPARATE STRUCTURES OPTIONS REPORT.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

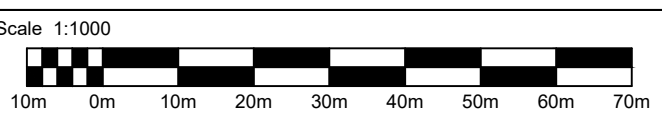
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction
UT/GEN/01 : Works in close proximity of Southern water pipe line.
UT/GEN/02 : Works in close proximity of UK Power Network Cable.
HS/GEN/01 : Potential Presence of asbestos.
HS/GEN/02 : Recently installed pile cap.
HS/HGT/04 : Source Protection Zone (SPZ).
HS/HGT/05 : Surface Flooding.
HS/HGT/09 : Historical evidence of dissolution features.
HS/SBR/14 : Piling Near Existing Viaduct Footings.
Maintenance / Cleaning
Convolutd winter maintenance route
Use
None identified at this stage
Decommissioning / Demolition
None identified at this stage



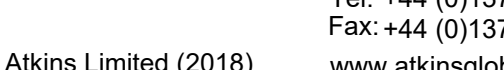
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Description STAGE 3 DESIGN FIX 3						
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Description STAGE 3 DESIGN FIX 3						
Status A1	Revision C05	Drawn AH	Checked CJ	Reviewed CCR	Authorised HC	Issue Date 20/01/20



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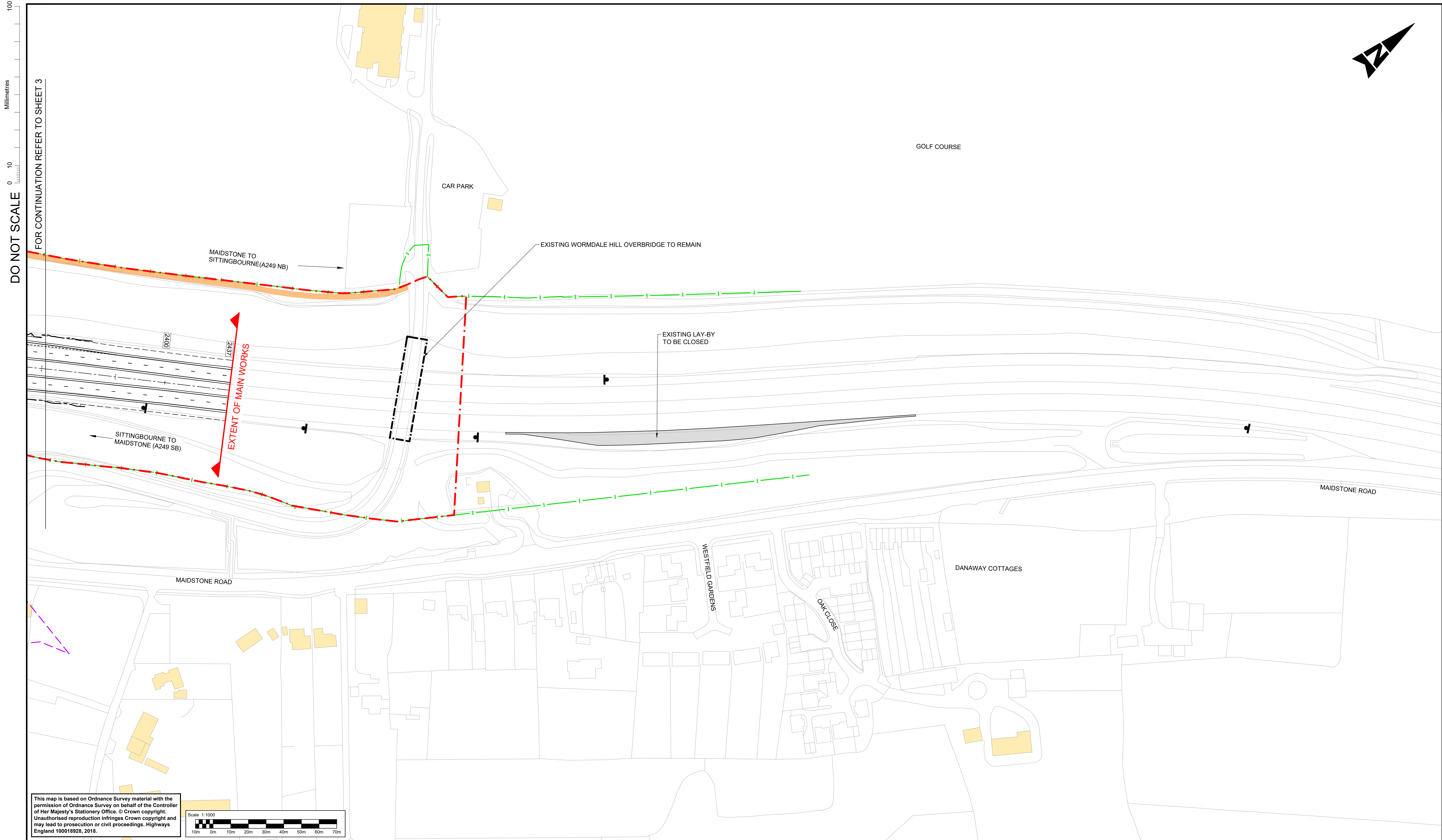
Drawing Suitability APPROVED - PUBLISHED		Status A1	Project Title M2 Junction 5 Improvement	
  <div>Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com</div>		Drawing Title FIGURE 2.2 GENERAL ARRANGEMENT		
Copyright © Atkins Limited (2018)				
Client  <div>Working on behalf of</div>		Drawing Number HE551521 - ATK - HGN - XX_ML - DR - CH - 000103		
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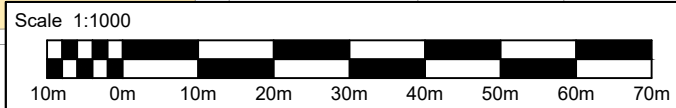
Millimetres

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FOR CONTINUATION REFER TO SHEET 3



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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

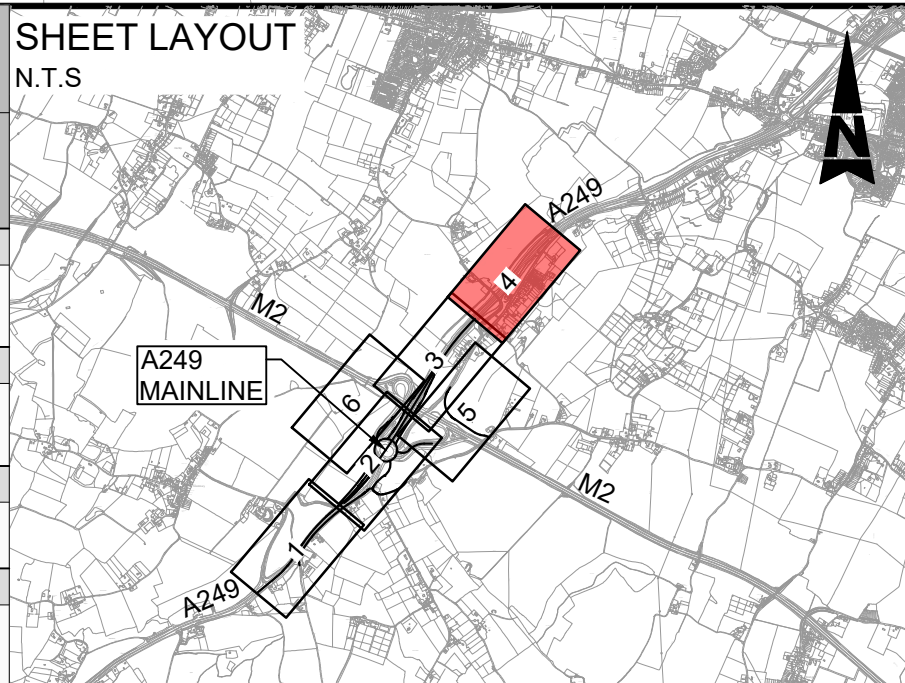
Construction
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Maintenance / Cleaning
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Use
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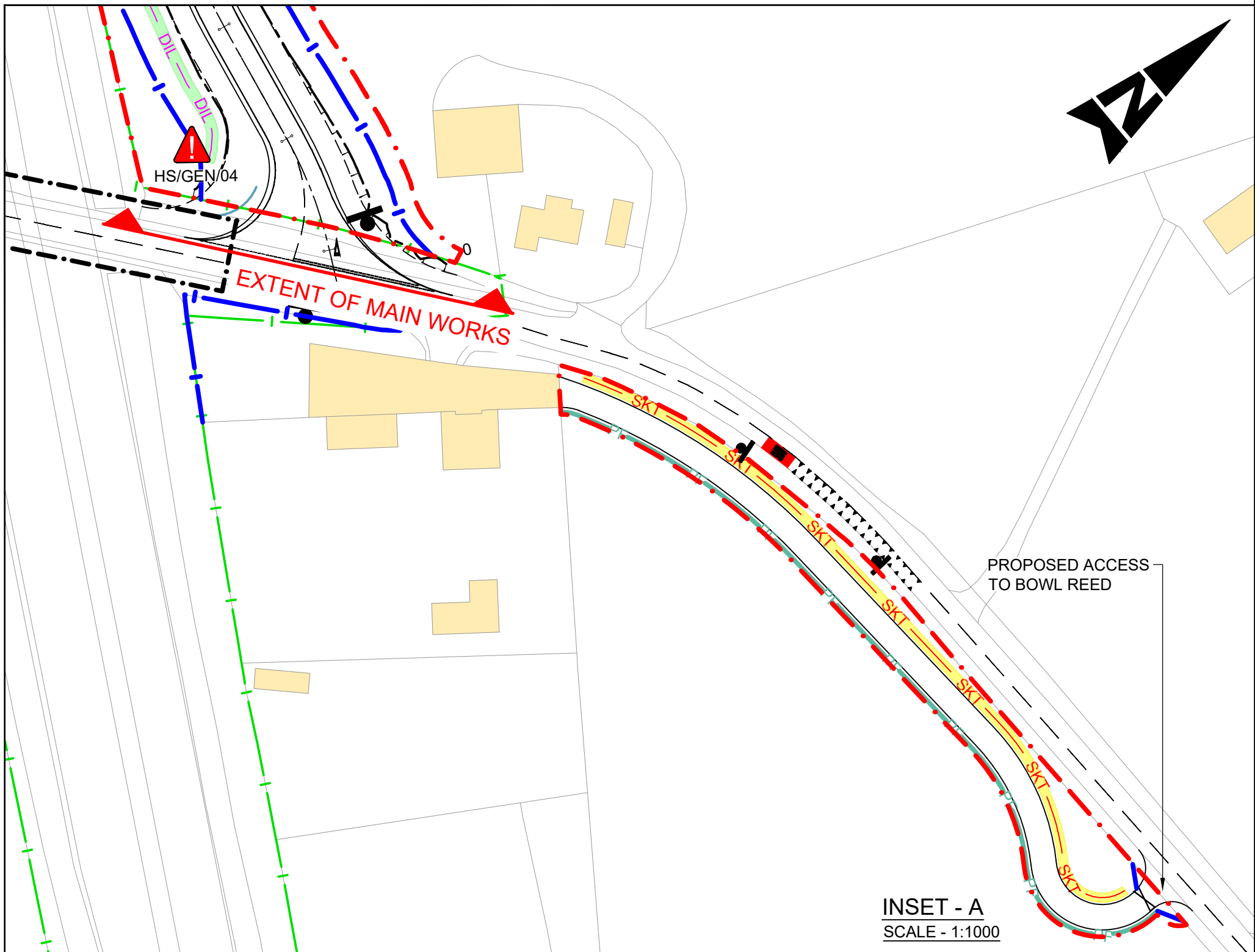
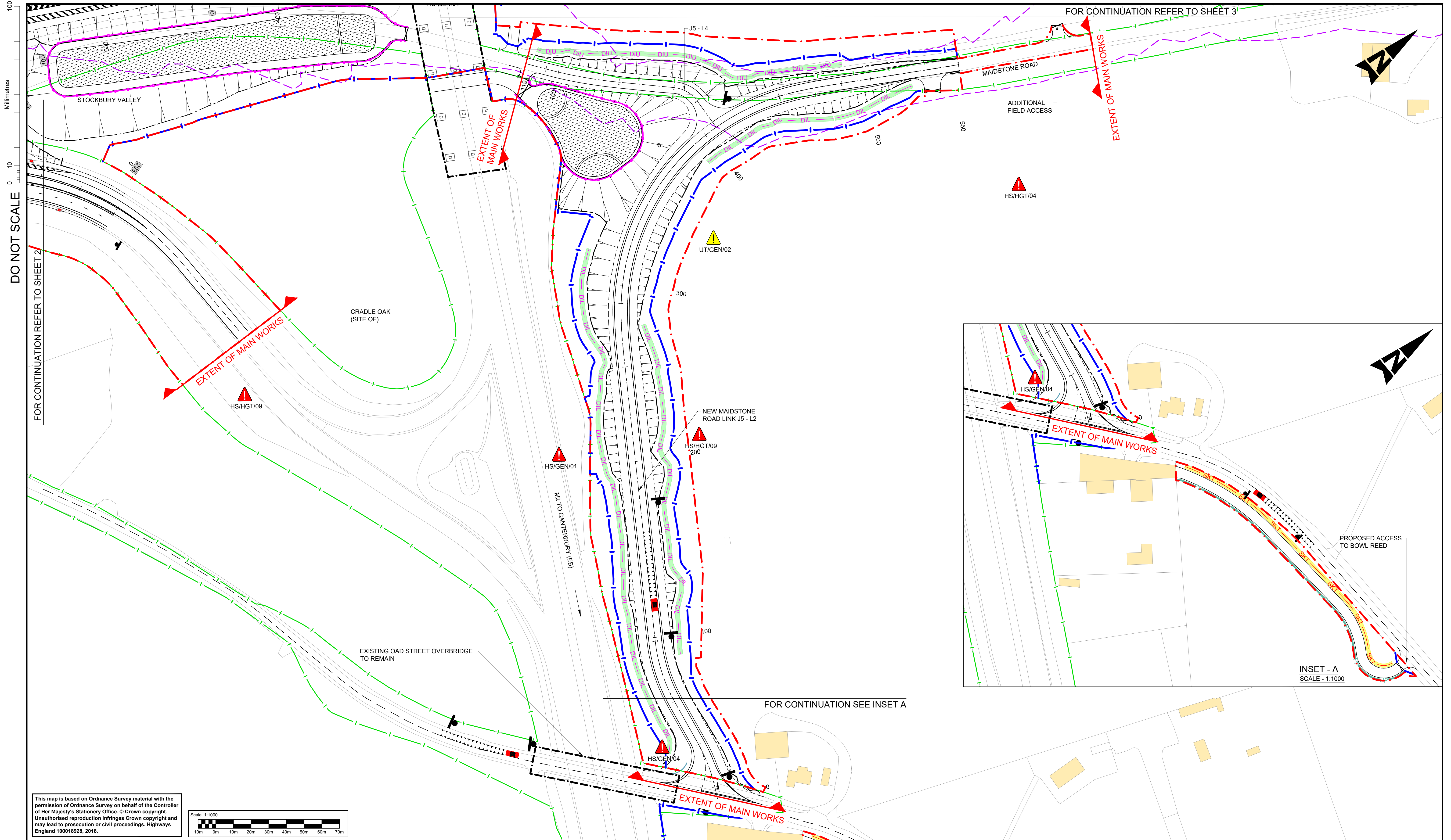
Decommissioning / Demolition
None identified at this stage

SHEET LAYOUT
N.T.S

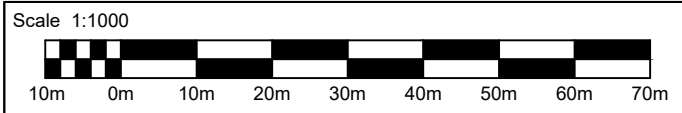


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Description STAGE 3 DESIGN FIX 3						
Status A1	Revision C05	Drawn AH	Checked CJ	Reviewed CCR	Authorised HC	Issue Date 20/01/20

Drawing Suitability APPROVED - PUBLISHED		Status A1	Project Title M2 Junction 5 Improvement	
  <div>Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com</div>		Drawing Title FIGURE 2.2 GENERAL ARRANGEMENT		
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Client 		Drawing Number Project HE551521 - ATK - HGN - XX_ML - DR - CH - 000104		
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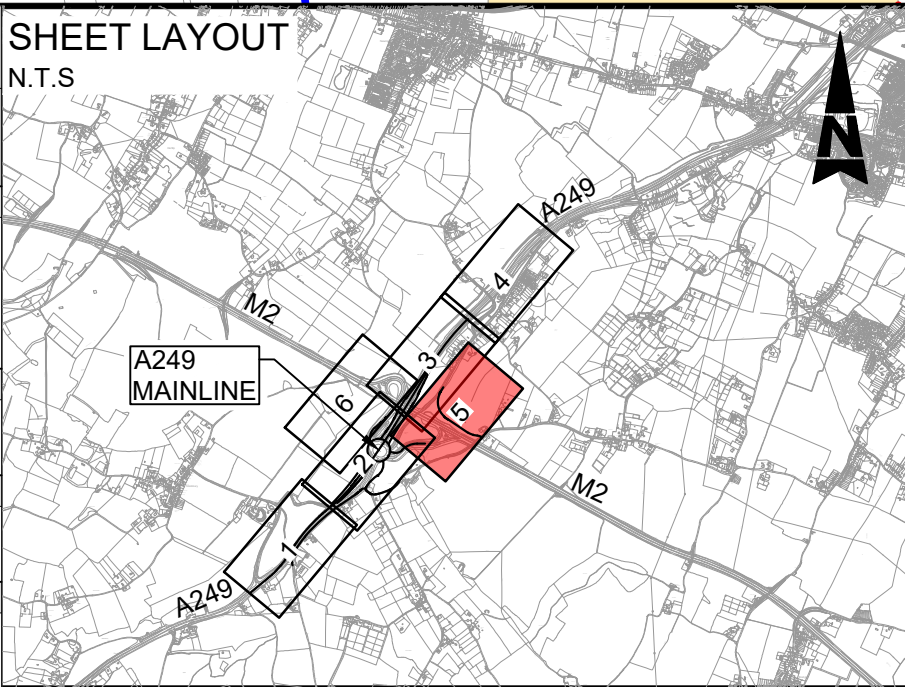


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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
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Construction	UT/GEN/02 : Works in close proximity of UK Power Network Cable.
	HS/GEN/01 : Potential Presence of asbestos.
	HS/GEN/04 : Safety barrier length issue.
	HS/HGT/04 : Source Protection Zone (SPZ).
	HS/HGT/09 : Historical evidence of dissolution features.
Maintenance / Cleaning	Convolved winter maintenance route
Use	None identified at this stage
Decommissioning / Demolition	None identified at this stage

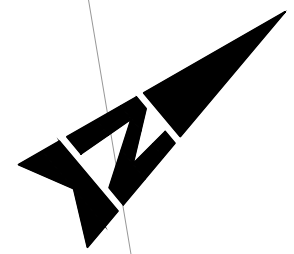


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Issue Date	11/01/19						
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						Reviewed	CCR
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Issue Date	17/01/19						
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						Reviewed	CCR
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Issue Date	08/02/19						
Description STAGE 3 DESIGN FIX 3							
Status	S3	Revision	P05	Drawn	VW	Checked	CJ
						Reviewed	CCR
						Authorised	---
Issue Date	15/01/20						
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Status	A1	Revision	C05	Drawn	AH	Checked	CJ
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						Authorised	HC
Issue Date	20/01/20						

Drawing Suitability		APPROVED - PUBLISHED		Status	A1		Project Title		M2 Junction 5 Improvement		
				Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title		FIGURE 2.2 GENERAL ARRANGEMENT			
Copyright © Atkins Limited (2018)											
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				XX_ML		- DR		- CH		- 000105	
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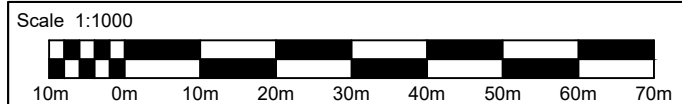
DO NOT SCALE

0 10 100
Millimetres



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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction
UT/GEN/01 : Works in close proximity of Southern water pipe line.
UT/GEN/02 : Works in close proximity of UK Power Network Cable.
HS/HGT/08 : Known defects on earthworks.
HS/HGT/09 : Historical evidence of dissolution features.

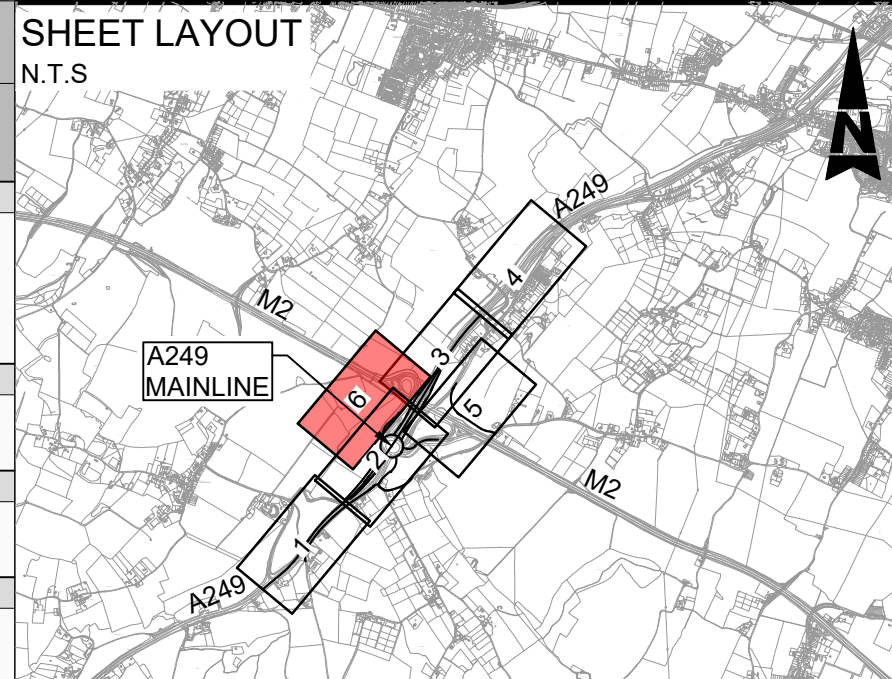
Maintenance / Cleaning
Convolutel winter maintenance route

Use
None identified at this stage

Decommissioning / Demolition
None identified at this stage

SHEET LAYOUT

N.T.S



STAGE 3 DESIGN FIX 3

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C02	AH	SM	CCR	HC	11/01/19

STAGE 3 DESIGN FIX 3

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C03	AH	AV	CCR	HC	17/01/19

STAGE 3 DESIGN FIX 3

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C04	AH	SM	CCR	HC	08/02/19

STAGE 3 DESIGN FIX 3

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
S3	P05	VW	CJ	CCR	---	15/01/20

STAGE 3 DESIGN FIX 3

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C05	AH	CJ	CCR	HC	20/01/20

Drawing Suitability APPROVED - PUBLISHED	Status A1	Project Title M2 Junction 5 Improvement
 ATKINS Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com	Client Working on behalf of 	Drawing Title FIGURE 2.2 GENERAL ARRANGEMENT
Copyright © Atkins Limited (2018)	Project HE551521 - ATK - HGN - XX_ML - DR - CH - 000106	Drawing Number HE551521 - ATK - HGN - XX_ML - DR - CH - 000106
Original Size: A1	Scale: 1:1000	Project Ref. No: 5158158
Sheet: 6 of 6	Rev: C05	

DO NOT SCALE

Millimetres

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KEY

GENERAL

PROPOSED SCHEME BOUNDARY

PROPOSED ENVIRONMENTAL KEY

- LE 1.1 AMENITY GRASSLAND (EFE)
- LE 1.2 GRASSLAND WITH BULBS (EFE)
- LE 1.3.1 SPECIES-RICH GRASSLAND - CHALK MIXTURE (EFD)
- LE 1.3.2 SPECIES-RICH GRASSLAND- HEDGEROW WILDFLOWERS (EFD)
- LE 2.1 WOODLAND (EFA / EFB / EFD)
- LE 2.1.1 WOODLAND AND LE 1.3.3 SPECIES RICH GRASSLAND - WOODLAND UNDERSTOREY (EFA / EFB / EFD)
- LE 2.6 SHRUBS AND LE 1.3.4 SPECIES RICH GRASSLAND - MARGINALS (EFB / EFE)
- LE 2.8 SCRUB AND LE 1.3.5 CHALK MEADOW GRASS MIX (EFB / EFD)
- LE 4.2 NATIVE SPECIES HEDGEROW (EFB)
- LE 4.3 NATIVE SPECIES HEDGEROW (EFA / EFD)
- LE 4.3.1 NATIVE SPECIES HEDGE - BUND (EFA / EFF)
- LE 4.4 NATIVE HEDGEROW WITH TREES (EFA / EFB / EFD)
- LE 5.1 INDIVIDUAL TREES (EFA / EFD)
- LE 6.1 WATERBODIES AND ASSOCIATED PLANTS (EFD / EFE)
- LE 6.2 BANKS AND DITCHES (EFD / EFE)
- TRANSLOCATED HEDGEROW

- ARCHEOLOGICAL CONSTRAINTS - 20M BUFFER
- FOOTPATH
- BYWAY OPEN TO ALL TRAFFIC(BOAT)
- BRIDLEWAY
- FLOOD ZONE BOUNDARY

- KNOWN ASBESTOS IN SOIL
- PROPOSED TREE

VETERAN TREE SURVEY

- CATAGORY A TREE / GROUP
- CATAGORY B TREE / GROUP
- CATAGORY C TREE / GROUP
- CATAGORY U TREE / GROUP
- ROOT PROTECTION AREA

HIGHWAYS

- EXISTING HIGHWAY BOUNDARY
- PROPOSED HIGHWAY FENCE LINE
- PROPOSED INFILTRATION POND FENCE LINE
- TEMPORARY FENCE LINE
- PROPOSED RETAINING WALL
- EXISTING BUILDINGS
- PROPOSED EARTHWORK SLOPE

NMU

- PUBLIC RIGHT OF WAY
- RE-ROUTED PUBLIC RIGHT OF WAY
- EXTERNAL PATHWAYS

STRUCTURES

- PROPOSED BRIDGE
- EXISTING BRIDGE

DRAINAGE




- PROPOSED TRENCH SOAKAWAY
- PROPOSED UNLINED DITCH
- PROPOSED SWALE UNLINED DITCH
- PROPOSED FILTER DRAIN
- PROPOSED INFILTRATION POND
- ECOLOGICAL POND

EXISTING ENVIRONMENTAL KEY

- EXISTING VEGETATION
- GRADE I LISTED BUILDING
- GRADE II LISTED BUILDING
- NOISE IMPORTANT AREAS
- SCHEDULED MONUMENTS
- KENT DOWNS AREA OF OUTSTANDING NATURAL BEAUTY

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Description FOR HE REVIEW						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
S3	P01	AC	SS	LS	---	08/02/19
Description FOR HE REVIEW						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C01	AN	SS	PR	HC	11/02/19
Description FOR HE REVIEW						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C02	AN	SS	LS	HC	12/05/19
Description FOR PUBLICATION						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C03	AN	GO	LS	HC	18/05/19
Description FOR PUBLICATION - ES ADDENDUM						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C04	AC	GO	LS	HC	22/01/20

Drawing Suitability APPROVED - PUBLISHED		Status A1	Project Title M2 Junction 5 Improvement	
<div><div><div></div><div></div><div>Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com</div></div><div>Copyright © Atkins Limited (2018)</div></div>		Drawing Title FIGURE 2.3 PRELIMINARY ENVIRONMENTAL DESIGN KEY		
Client <div><div><div></div><div>Working on behalf of highways england</div></div></div>		Drawing Number Project HE551521 - ATK - ELS - XX - DR - LL - 000001 Location A1 Original Size: A1 Scale: NTS Project Ref. No: 5158158 Sheet: 1 of 1 Rev: C04		

DO NOT SCALE

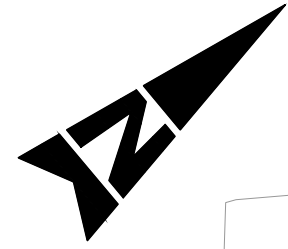
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GENERAL NOTES:

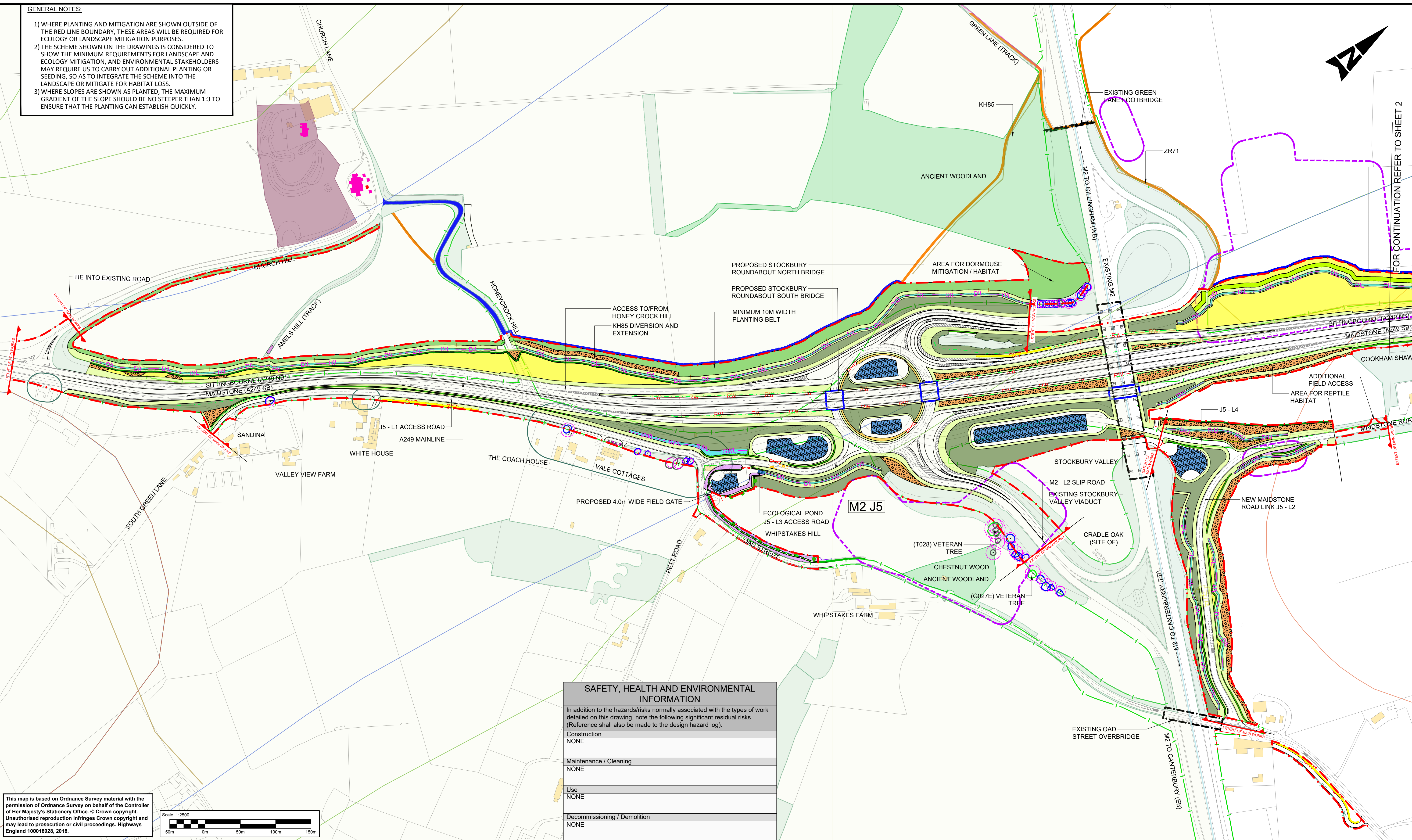
1) WHERE PLANTING AND MITIGATION ARE SHOWN OUTSIDE OF THE RED LINE BOUNDARY, THESE AREAS WILL BE REQUIRED FOR ECOLOGY OR LANDSCAPE MITIGATION PURPOSES.

2) THE SCHEME SHOWN ON THE DRAWINGS IS CONSIDERED TO SHOW THE MINIMUM REQUIREMENTS FOR LANDSCAPE AND ECOLOGY MITIGATION, AND ENVIRONMENTAL STAKEHOLDERS MAY REQUIRE US TO CARRY OUT ADDITIONAL PLANTING OR SEEDING, SO AS TO INTEGRATE THE SCHEME INTO THE LANDSCAPE OR MITIGATE FOR HABITAT LOSS.

3) WHERE SLOPES ARE SHOWN AS PLANTED, THE MAXIMUM GRADIENT OF THE SLOPE SHOULD BE NO STEEPER THAN 1:3 TO ENSURE THAT THE PLANTING CAN ESTABLISH QUICKLY.



FOR CONTINUATION REFER TO SHEET 2



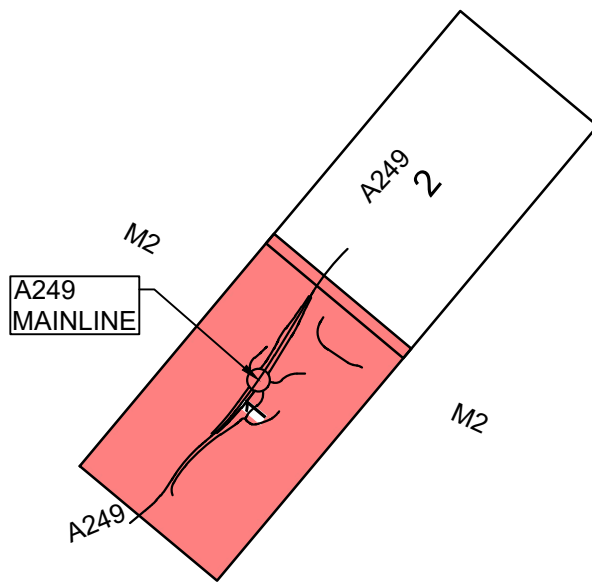
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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).	
Construction	NONE
Maintenance / Cleaning	NONE
Use	NONE
Decommissioning / Demolition	NONE

SHEET LAYOUT
N.T.S



Description FOR HE REVIEW						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
S3	P01	AC	SS	LS	---	09/02/19
Description FOR HE REVIEW						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C01	AN	SS	PR	HC	11/02/19
Description FOR HE REVIEW						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C02	AN	SS	LS	HC	12/03/19
Description FOR PUBLICATION						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C03	AN	GO	LS	HC	19/05/19
Description FOR PUBLICATION - ES ADDENDUM						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C04	AC	GO	LS	HC	22/01/20

Drawing Suitability		APPROVED - PUBLISHED		Status	A1	Project Title	
SNC-LAVALIN		ATKINS		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		M2 Junction 5 Improvement	
Client		Working on behalf of		highways england		Drawing Title	
Project		HE551521 - ATK		Volume - ELS -		FIGURE 2.3 PRELIMINARY ENVIRONMENTAL DESIGN	
Location		XX		- DR - LL - 000002		Drawing Number	
Original Size: A1		Scale: 1:2500		Project Ref. No: 5158158		Sheet: 1 of 2	
						Rev: C04	

DO NOT SCALE

Millimetres

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FOR CONTINUATION REFER TO SHEET 1

GENERAL NOTES:
1) WHERE PLANTING AND MITIGATION ARE SHOWN OUTSIDE OF THE RED LINE BOUNDARY, THESE AREAS WILL BE REQUIRED FOR ECOLOGY OR LANDSCAPE MITIGATION PURPOSES.
2) THE SCHEME SHOWN ON THE DRAWINGS IS CONSIDERED TO SHOW THE MINIMUM REQUIREMENTS FOR LANDSCAPE AND ECOLOGY MITIGATION, AND ENVIRONMENTAL STAKEHOLDERS MAY REQUIRE US TO CARRY OUT ADDITIONAL PLANTING OR SEEDING, SO AS TO INTEGRATE THE SCHEME INTO THE LANDSCAPE OR MITIGATE FOR HABITAT LOSS.
3) WHERE SLOPES ARE SHOWN AS PLANTED, THE MAXIMUM GRADIENT OF THE SLOPE SHOULD BE NO STEEPER THAN 1:3 TO ENSURE THAT THE PLANTING CAN ESTABLISH QUICKLY.

SITTING BOURNE AND MILTON REGIS GOLF CLUB

WORMDALE HILL

GOLF COURSE

CAR PARK

EXISTING WORMDALE HILL OVERBRIDGE TO REMAIN

ZR71

NE (A249 NB)

NE (A249 SB)

MAIDSTONE (A249 SB)

COOKHAM SHAW

COOKHAM SHAW

DANAWAY VILLAGE

MAIDSTONE ROAD

WESTFIELD GARDENS

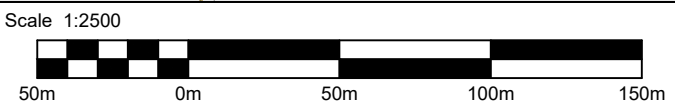
ORCHARD

DANAWAY COTTAGES

MAIDSTONE ROAD

WOODGATE LANE

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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction
NONE

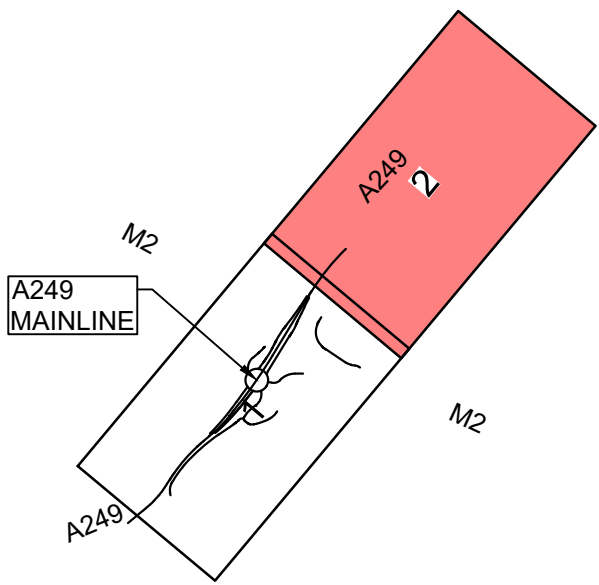
Maintenance / Cleaning
NONE

Use
NONE

Decommissioning / Demolition
NONE

SHEET LAYOUT

N.T.S



Description FOR HE REVIEW							
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	
S3	P01	AC	SS	LS	---	08/02/19	
Description FOR HE REVIEW							
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	
A1	C01	AN	SS	PR	HC	11/02/19	
Description FOR HE REVIEW							
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	
A1	C02	AN	SS	LS	HC	12/05/19	
Description FOR PUBLICATION							
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	
A1	C03	AN	GO	LS	HC	18/05/19	
Description FOR PUBLICATION - ES ADDENDUM							
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	
A1	C04	AC	GO	LS	HC	22/01/20	

Drawing Suitability		APPROVED - PUBLISHED		Status	A1	Project Title		M2 Junction 5 Improvement	
SNC-LAVALIN		ATKINS		Epsom Gateway Ashley Avenue Epsom Surrey KT18 5AL Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com		Drawing Title		FIGURE 2.3 PRELIMINARY ENVIRONMENTAL DESIGN	
Client		Working on behalf of		highways england		Drawing Number		HE551521	
						Project		XX	
						Location		Type	
						Original Size		A1	
						Scale		1:2500	
						Project Ref. No.		5158158	
						Sheet		2 of 2	
						Rev		C04	