

M25 junction 28 improvement scheme

TR010029

6.2 Environmental Statement

Chapters 1-4: Introductory chapters figures

APFP Regulation 5(2)(a)
Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009



Infrastructure Planning

Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

M25 junction 28 scheme Development Consent Order 202[x]

6.2 ENVIRONMENTAL STATEMENT CHAPTER 1-4: INTRODUCTORY CHAPTERS FIGURES

Regulation Number:	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference:	TR010029
Application Document Reference:	TR010029/APP/6.2
Author:	M25 junction 28 improvement scheme project team, Highways England

Version	Date	Status of Version
<u>2</u>	<u>April 2021</u>	<u>Deadline 5, incorporated changes 1-4</u>
1	May 2020	Application issue

Table of contents

Chapter	Pages
1. Schedule of figures included in this application document	4

1. Schedule of figures included in this application document

1.1.21.1.1 Sheets 1 and 3 of Figure 2.2 have been updated at Deadline 5.

Document title	Document number	Revision
Figure 1.1 Preliminary Order Limits	TR010029/APP/6.2	0
Figure 2.1 Environmental Constraints	TR010029/APP/6.2	0
Figure 2.2 Preliminary Environmental Design Key Sheet	TR010029/APP/6.2	10
Figure 2.2 Preliminary Environmental Design Sheet 1 of 4	TR010029/APP/6.2	10
Figure 2.2 Preliminary Environmental Design Sheet 2 of 4	TR010029/APP/6.2	0
Figure 2.2 Preliminary Environmental Design Sheet 3 of 4	TR010029/APP/6.2	10
Figure 2.2 Preliminary Environmental Design Sheet 4 of 4	TR010029/APP/6.2	0

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KEY :

GENERAL

DCO BOUNDARY

ENVIRONMENT

PROPOSED HIGHWAYS AMENITY SEED MIX

PROPOSED SPECIES RICH GRASSLAND

PROPOSED NATIVE WOODLAND PLANTING

GRASSLAND AND SCRUB MIX

PROPOSED AQUATIC PLANTING

RIPARIAN TREE MANAGEMENT (W06)

PROPOSED DRAINAGE DITCH GRASSLAND SEED MIX

PROPOSED RIVERBANK GRASS MIX

BACKWATERS

LAND TO BE RESTORED TO THE REASONABLE SATISFACTION OF LANDOWNER

TEMPORARY WORK AREAS TO BE REPLANTED WITH SPECIES RICH GRASSLAND

INDIVIDUAL TREE PLANTING

RETAINED WOODLAND

GOLF COURSE WORK AREA

PROPOSED ECOLOGICAL PONDS

EXISTING PONDS

PROPOSED OTTER FENCING

PROPOSED HIBERNACULA

EXISTING VETERAN TREE TO BE REMOVED

EXISTING VETERAN TREE TO BE RETAINED

STRUCTURES

EXISTING BRIDGE

PROPOSED BRIDGE

PROPOSED RETAINING WALL

PROPOSED CULVERT

PROPOSED REINFORCED EARTH WALL

DRAINAGE

PROPOSED UNLINED DITCH (W07)

RETAINED EXISTING WATERCOURSES

PROPOSED REALIGNMENT OF WATERCOURSES

PROPOSED FILLED WATERCOURSES

PROPOSED FLOODPLAIN COMPENSATION / RECONNECTION (WET MARSHY GRASSLAND)

PROPOSED FILLED DITCHES

UTILITIES

PROPOSED ROUTE OF GAS MAIN

TECHNOLOGY

EXISTING GANTRY (TO BE REMOVED)

EXISTING GANTRY (TO BE RETAINED)

NEW GANTRY / CANTILIVER

HIGHWAYS

PROPOSED EARTHWORK SLOPE

INDICATIVE CONSTRUCTION SITE COMPOUND

ENVIRONMENTAL BUND

	Description							Drawing Suitability		Status		Project Title					
	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date	DCO EXAMINATION		A4		M25 junction 28 improvement scheme					
	Description							SNC • LAVALIN ATKINS Member of the SNC-Lavalin Group Copyright © SNC Lavalin (2019) Amlin House Atkins 4th Floor 90-96 Victoria Road Chelmsford Essex CM1 1QU Tel: +44 (0)1245 245245 Fax: +44 (0)1245 345010 www.atkinsglobal.com		Drawing Title							
	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date			FIGURE 2.2 PRELIMINARY ENVIRONMENTAL DESIGN KEY							
	Description							Client Working on behalf of highways england		Drawing Number							
	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date			Project HE551519 - ATK - ELS - XX - DR - LL - 000001							
	Description							Location		Type		Role		Number			
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FOR CONTINUATION REFER TO SHEET 3

PROPOSED WEALD BROOK FLOODPLAIN
LOWERING UPSTREAM (W04)

MINIMISATION OF HARD BANK PROTECTION AT
PROPOSED RIVER CROSSINGS (W11)

PROPOSED DUCK WOOD BRIDGE

PROPOSED UNLINED DRAINAGE DITCH (W07)

TEMPORARY WORKING AREAS TO BE
REPLANTED WITH SPECIES RICH GRASSLAND

M25 J28 LOOP ROAD

PROPOSED WEALD BROOK
REALIGNMENT (W02)

PROPOSED WEALD BROOK FLOODPLAIN
LOWERING DOWNSTREAM (W05)

ENVIRONMENTAL BUND

PROPOSED UNLINED
DRAINAGE DITCH(W07)

A12 EASTBOUND OFFSLIP

PROPOSED MAYLANDS BRIDGE

PROPOSED RIPARIAN TREE MANAGEMENT(W06)

PROPOSED GROVE BRIDGE
WIDESPAN BRIDGE STRUCTURE (W10)

FOR CONTINUATION REFER TO SHEET 4

MEASURES TO LINE BALANCING
POND IF REQUIRED (W16)

PROPOSED ALDER WOOD BRIDGE

SMALL SECTIONS OF HEDGEROW CLEARED
FOR ACCESS TO BE REINSTATED

PROPOSED RIPARIAN TREE MANAGEMENT
(W06)

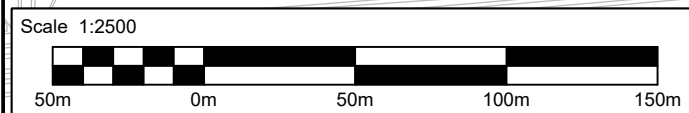
BIRD AND BAT BOXES TO BE INSTALLED IN
WOODLAND AT THE GROVE

PROPOSED GROVE
CULVERT EXTENSION

A12 EASTBOUND
ONSLIP

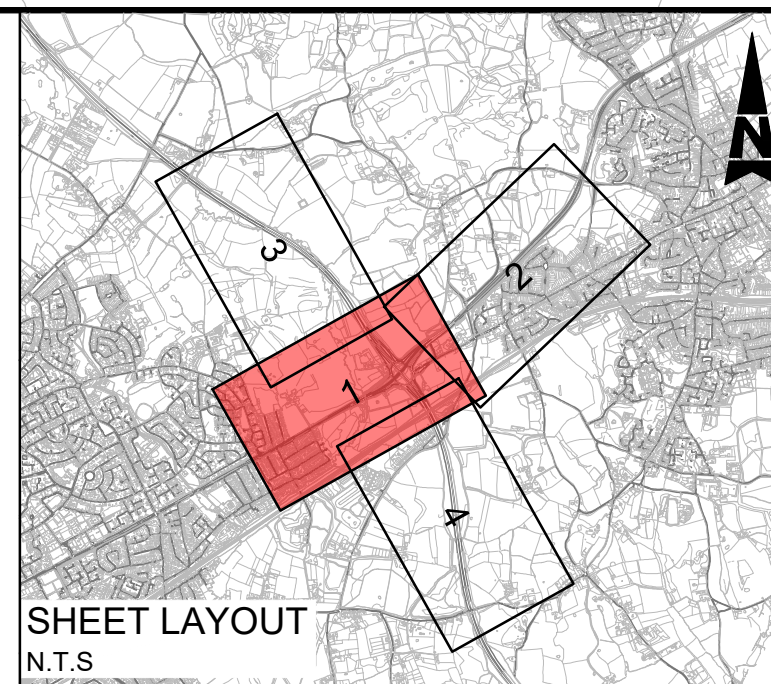
FOR CONTINUATION REFER TO SHEET 2

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 - CHAPTER 7 (BIODIVERSITY), CHAPTER 8 (ROAD DRAINAGE AND THE WATER ENVIRONMENT) AND CHAPTER 9 (LANDSCAPE AND VISUAL) OF THE ENVIRONMENTAL STATEMENT (APPLICATION DOCUMENT TR010029/APP/6.1) AND ASSOCIATED FIGURES (APPLICATION DOCUMENT TR010029/APP/6.2) AND APPENDICES (APPLICATION DOCUMENT TR010029/APP/6.3).
 - THE FLOOD RISK ASSESSMENT (APPLICATION DOCUMENT TR010029/APP/6.6).
 - THE WATER FRAMEWORK DIRECTIVE ASSESSMENT (APPLICATION DOCUMENT TR010029/APP/6.7).
 - THE WORKS PLANS (APPLICATION DOCUMENT TR010029/APP/2.3). FOR THE THREE PONDS SHOWN ON THESE PLANS, POND-1 RELATES TO WORK NO. 21B, POND-2 RELATES TO WORK NO. 20B AND POND-3 RELATED TO WORK NO. 19B.



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Drawing Suitability		DCO EXAMINATION		Status		A4		Project Title				M25 junction 28 improvement scheme							
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Client		Working on behalf of  highways england				Drawing Number Project HE551519 - ATK - ELS - XX_ML - DR - LL - 000001 Location Type Role Number													
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FOR CONTINUATION REFER TO SHEET 1

WIGLEY BUSH LANE
BRIDGE

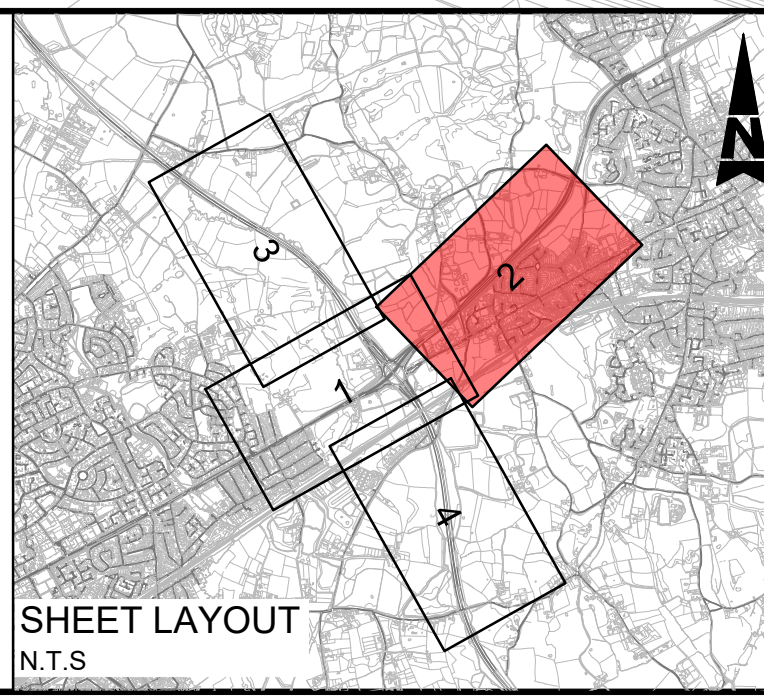
WEALD PARKWAY
BRIDGE

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 - III. THE WATER FRAMEWORK DIRECTIVE ASSESSMENT (APPLICATION DOCUMENT TR010029/APP/6.7).

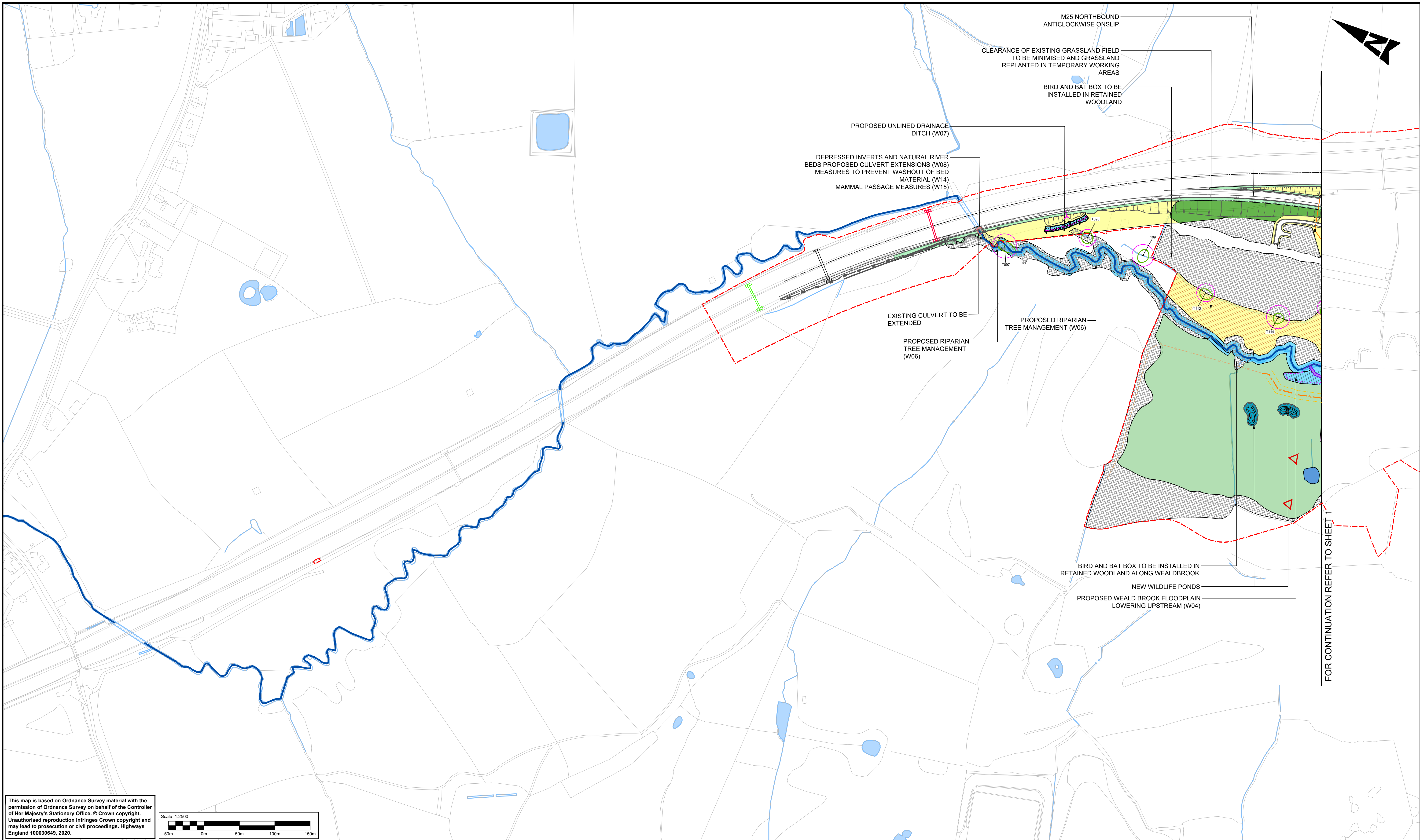


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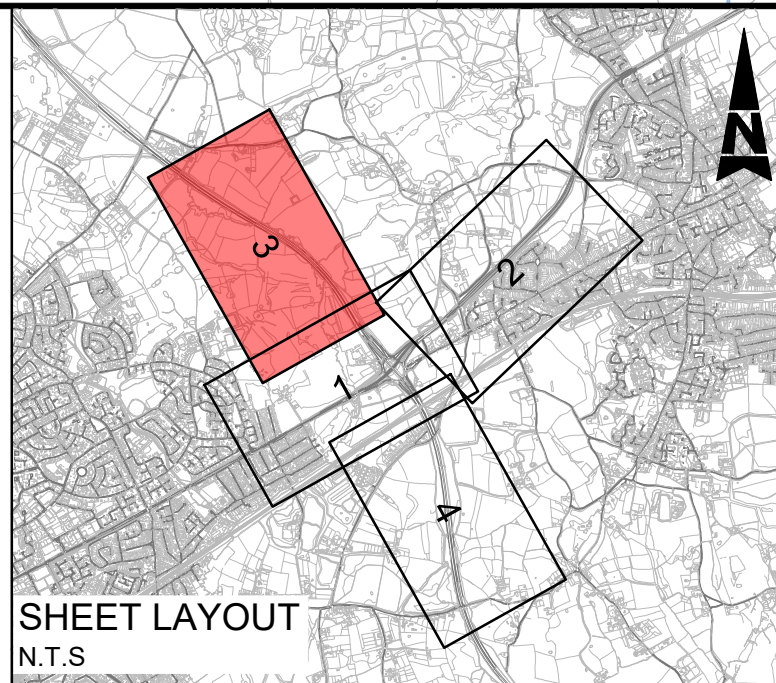


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