

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
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

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	0
Figure 2.2 Preliminary Environmental Design Sheet 1 of 4	TR010029/APP/6.2	0
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	0
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 HEADWALLS

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

DEPOSIT OF SURPLUS CONSTRUCTION MATERIAL

PROPOSED CONSTRUCTION SITE COMPOUND

	Description						Drawing Suitability		Status		Project Title					
	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date		DCO APPLICATION		A4		M25 junction 28 improvement scheme			
	Description						<div>SNC•LAVALIN ATKINS</div> <div>Member of the SNC-Lavalin Group Copyright © SNC Lavalin (2019)</div> <div>Amlin House Atkins 4th Floor 90-96 Victoria Road Chelmsford Essex CM1 1QU Tel: +44 (0)1245 245245 Fax: +44 (0)1245 345010 www.atkinglobal.com</div>		Drawing Title		FIGURE 2.2 PRELIMINARY ENVIRONMENTAL DESIGN KEY					
	Status	Revision	Drawn	Checked	Reviewed	Authorised							Issue Date			
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							XX - DR - LL - 000001									
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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)

PROPOSED UNLINED
DRAINAGE DITCH (W07)

A12 EASTBOUND OFFSLIP

PROPOSED MAYLANDS BRIDGE

PROPOSED RIPARIAN TREE MANAGEMENT (W06)

PROPOSED GROVE BRIDGE
WIDESPAN BRIDGE STRUCTURE (W10)

M25 NORTHBOUND
ANTICLOCKWISE ONSLIP

PROPOSED WEALD BROOK
FLOODPLAIN LOWERING
DOWNSTREAM (WFD_W05)

PROPOSED WEALD BROOK
REALIGNMENT (W02)

PROPOSED INGREBOURNE
FLOODPLAIN LOWERING (W03)

PROPOSED INGREBOURNE
REALIGNMENT (W01)

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

MEASURES TO LINE BALANCING
POND IF REQUIRED (W16)

PROPOSED ALDER WOOD BRIDGE

SMALL SECTIONS OF HEDGEROW CLEARED
FOR ACCESS TO BE REINSTITATED

PROPOSED RIPARIAN TREE MANAGEMENT
(W06)

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

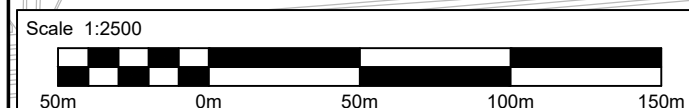
PROPOSED GROVE
CULVERT EXTENSION

A12 EASTBOUND
ONSLIP

FOR CONTINUATION REFER TO SHEET 4

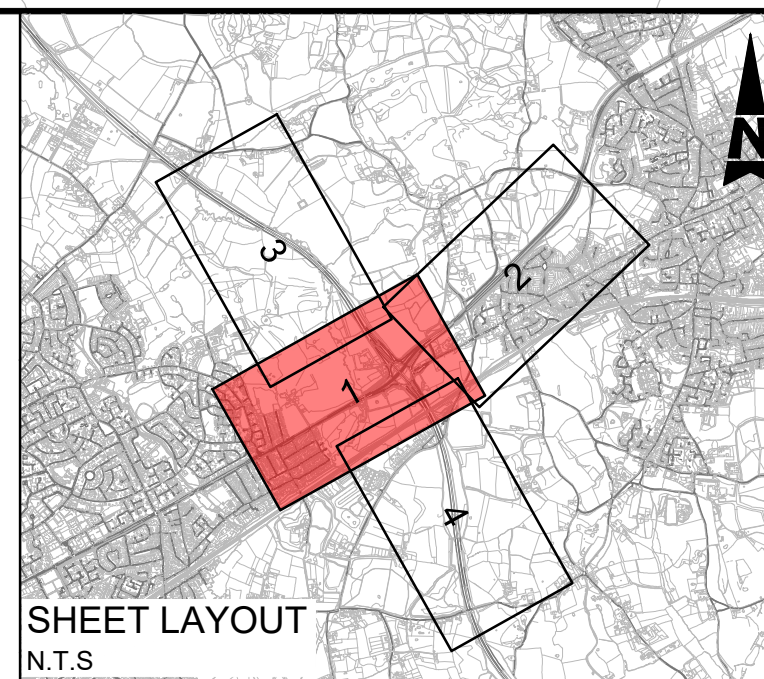
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 - THE FLOOD RISK ASSESSMENT (APPLICATION DOCUMENT TR010029/APP/6.6).
 - THE WATER FRAMEWORK DIRECTIVE ASSESSMENT (APPLICATION DOCUMENT TR010029/APP/6.7).



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Drawing Suitability		DCO APPLICATION		Status	A4	Project Title		M25 junction 28 improvement scheme	
		Amlin House Atkins 4th Floor 90-96 Victoria Road Chelmsford Essex CM1 1QU Tel: +44 (0)1245 245245 Fax: +44 (0)1245 345010 www.atkinglobal.com		Drawing Title		FIGURE 2.2 PRELIMINARY ENVIRONMENTAL DESIGN SHEET 1 OF 4		Drawing Number Project HE551519 - ATK - ELS - XX_ML - DR - LL - 000001	
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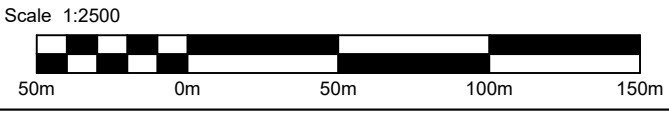
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FOR CONTINUATION REFER TO SHEET 1

WIGLEY BUSH LANE
BRIDGE

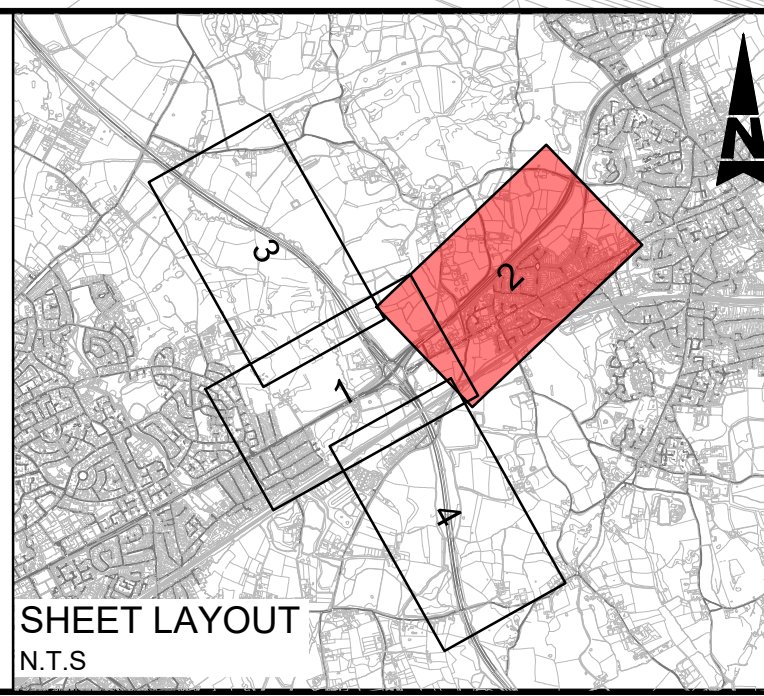
WEALD PARKWAY
BRIDGE

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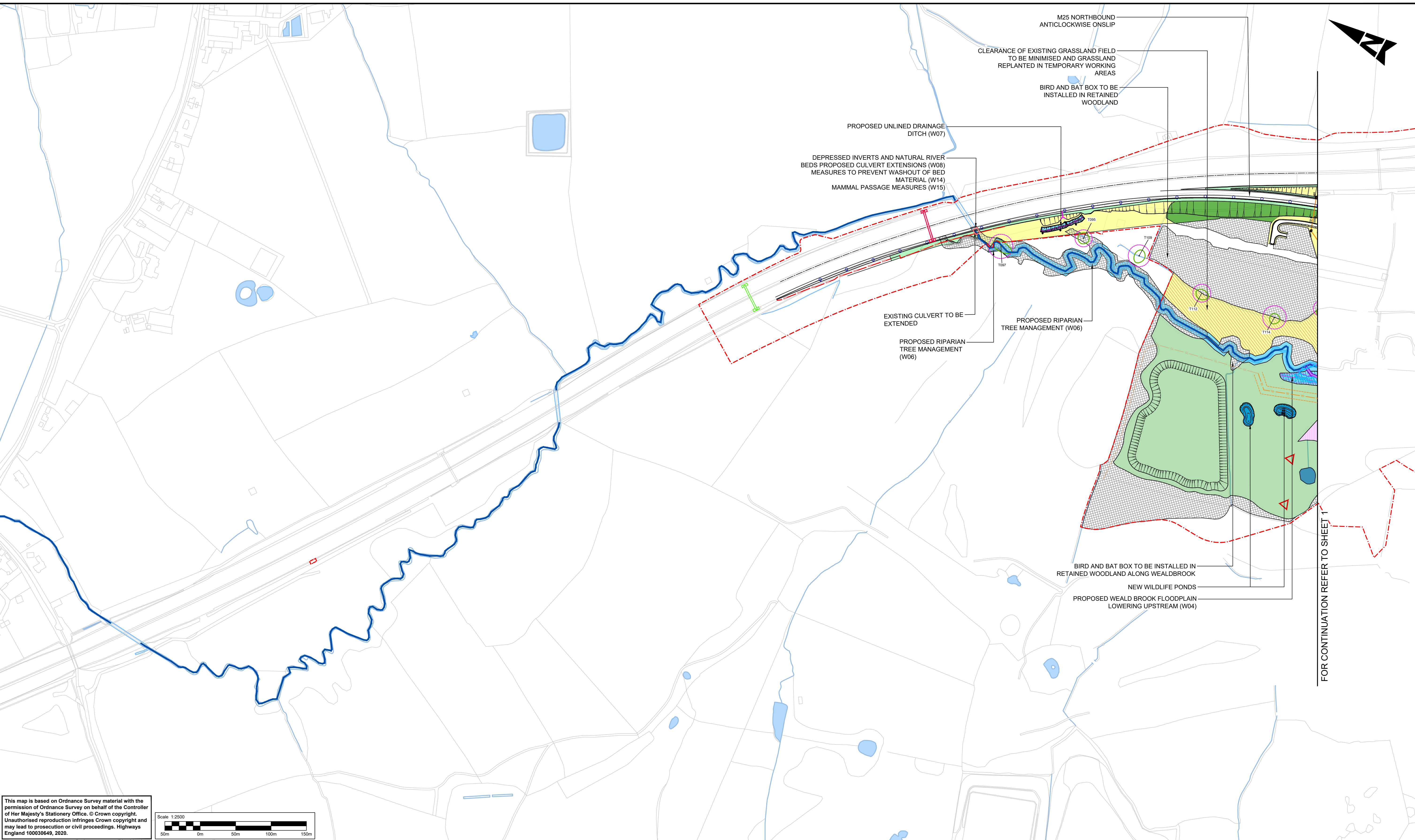
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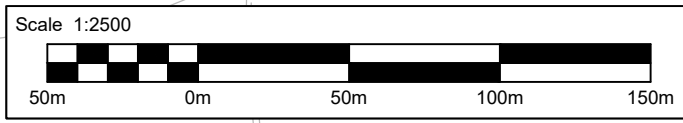
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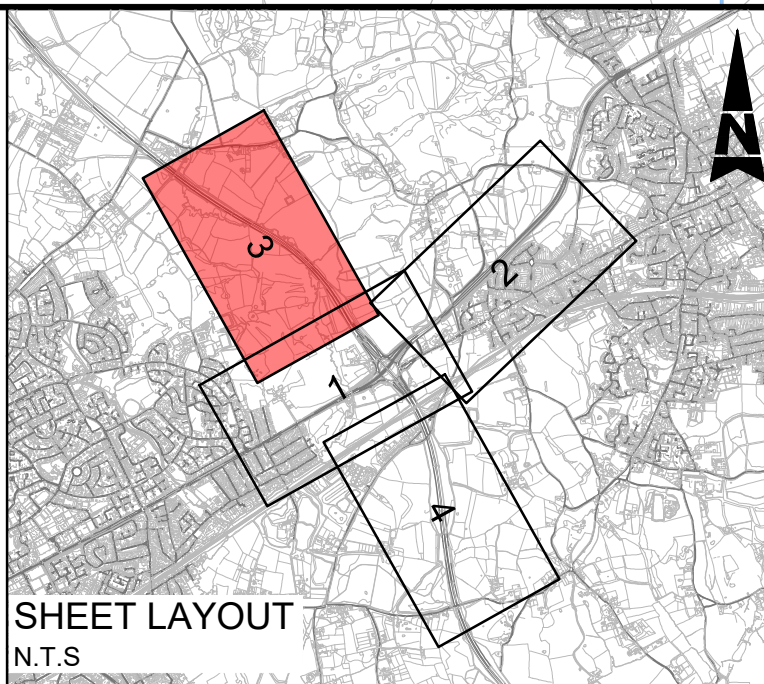


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Client  Working on behalf of highways england		Drawing Number Project Originator Volume HE551519 - ATK - ELS - XX_ML - DR - LL - 000003 Location Type Role Number		
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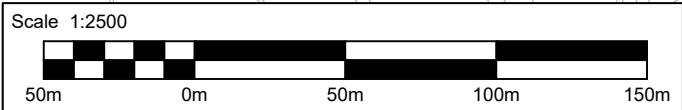
POPLARS RAILWAY
BRIDGE

NAGS HEAD LANE BRIDGE

BOYLES COURT BRIDGE

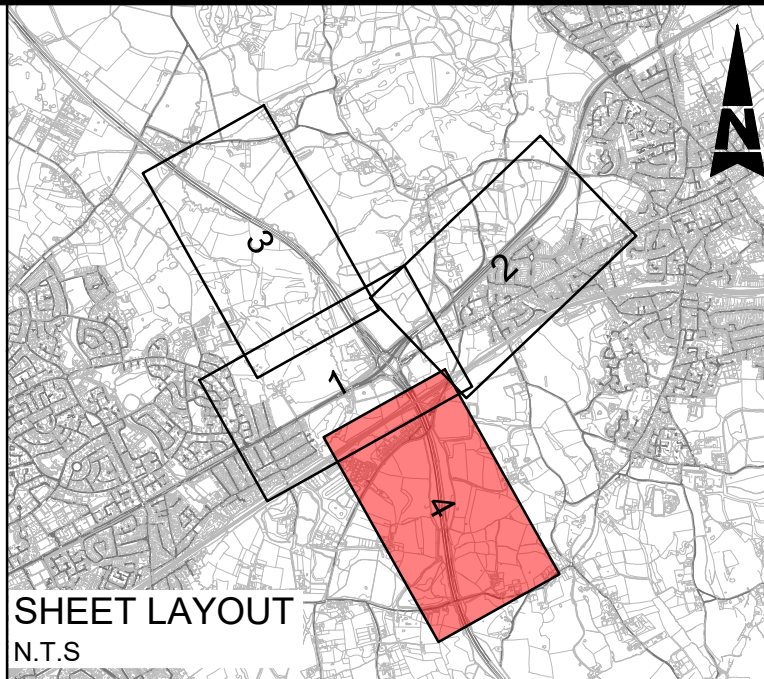
WARLEY ROAD BRIDGE

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Client		Working on behalf of 			Drawing Number Project HE551519 - ATK - ELS - XX_ML - DR - LL - 000004 Location Type Role Number Original Size: A1 Scale: 1:2500 Project Ref. No. 5158157 Sheet: 4 of 4 Rev: 0					

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Highways England Company Limited registered in England and Wales number 09346363

