

A47 North Tuddenham to Easton Dualling

Scheme Number: TR010038

Volume 6

6.3 Environmental Statement Appendices

**Appendix 13.2 - Drainage Strategy Report,
Part 2 of 2**

APFP Regulation 5(2)(a)

Planning Act 2008

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

March 2021

Infrastructure Planning

Planning Act 2008

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

A47 North Tuddenham to Easton
Development Consent Order 202[x]

ENVIRONMENTAL STATEMENT APPENDICES

**Appendix 13.2 - Drainage Strategy Report,
Part 2 of 2**

Regulation Number:	5(2)(a)
Planning Inspectorate Scheme Reference	TR010038
Application Document Reference	TR010038/APP/6.3
BIM Document Reference	HE551489-GTY-HDG-000-RP-CD-30001
Author:	A47 North Tuddenham to Easton Dualling Project Team, Highways England

Version	Date	Status of Version
Rev 0	March 2021	Application Issue

APPENDIX C – Catchment plans

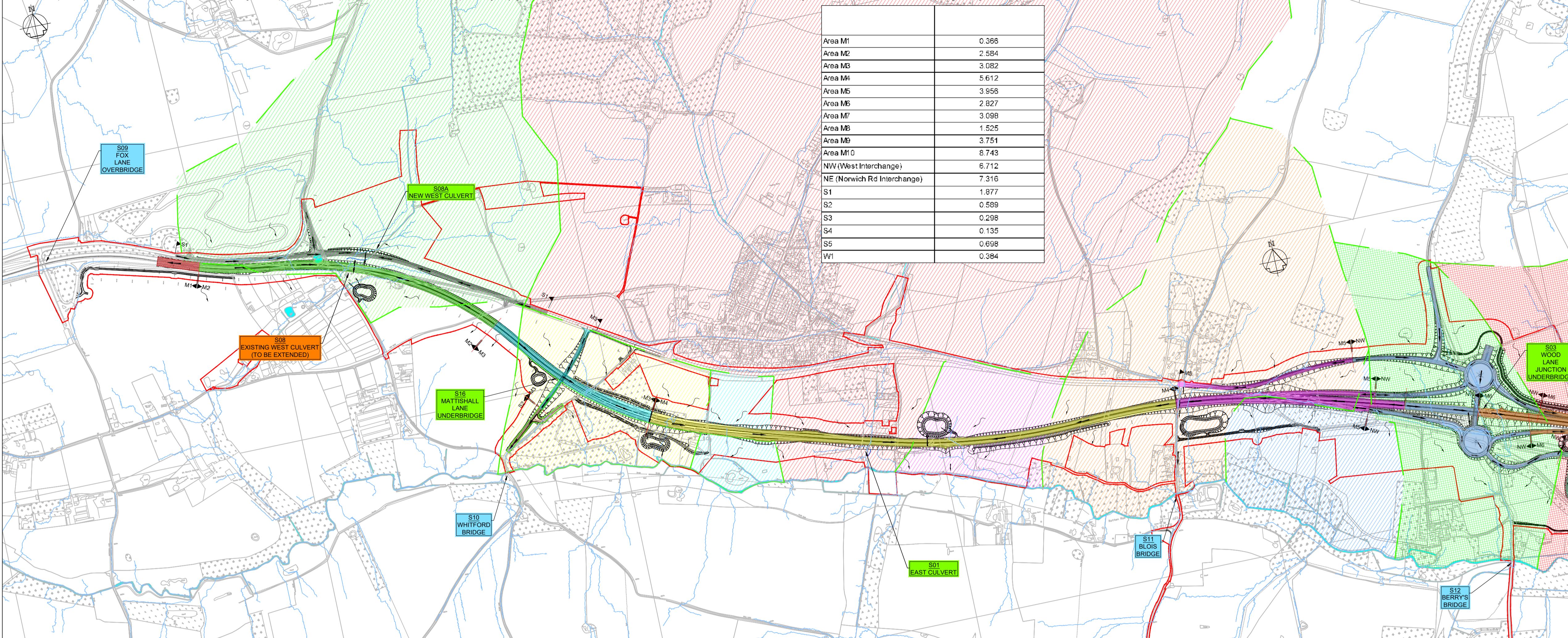
Existing Catchment Plan

[HE551489-GTY-HDG-000-DR-CD-30005-P01.pdf](#)

Proposed Drainage Catchment Plan

[HE551489-GTY-HDG-000-DR-CH-30016-P04.pdf](#)

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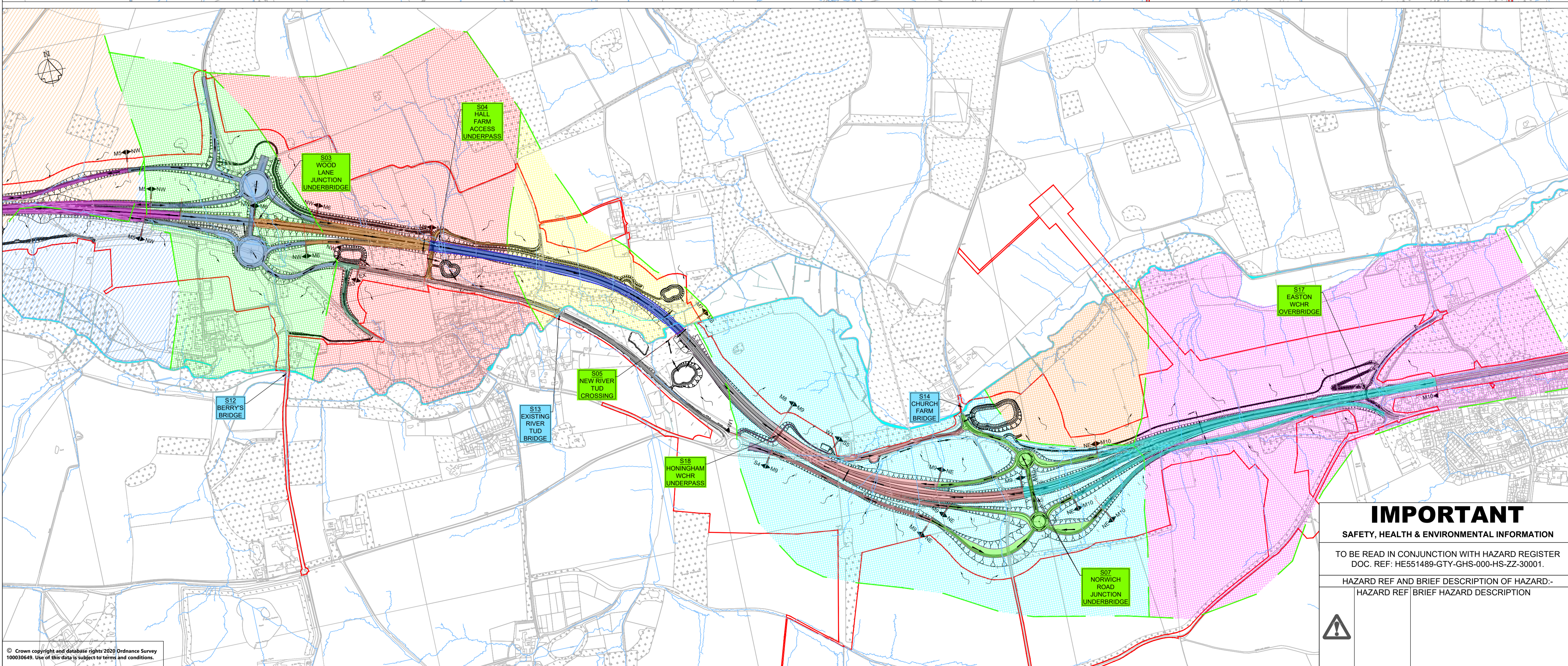


Area M1	0.366
Area M2	2.584
Area M3	3.082
Area M4	5.612
Area M5	3.956
Area M6	2.827
Area M7	3.098
Area M8	1.525
Area M9	3.751
Area M10	8.743
NW (West Interchange)	6.712
NE (Norwich Rd Interchange)	7.316
S1	1.877
S2	0.589
S3	0.298
S4	0.135
S5	0.698
W1	0.384

- NOTES**
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KEY TO SYMBOLS

M1	NATURAL CATCHMENT A & A1
M2	NATURAL CATCHMENT B
M3	NATURAL CATCHMENT C
M4	NATURAL CATCHMENT D
M5	NATURAL CATCHMENT E
M6	NATURAL CATCHMENT F
M7	NATURAL CATCHMENT G
M8	NATURAL CATCHMENT H
M9	NATURAL CATCHMENT I
M10	NATURAL CATCHMENT J
NW	NATURAL CATCHMENT K
NE	NATURAL CATCHMENT L
S1	NATURAL CATCHMENT M
S2	NATURAL CATCHMENT N
S3	NATURAL CATCHMENT O
S4	NATURAL CATCHMENT P
S5	NATURAL CATCHMENT Q
W1	NATURAL CATCHMENT R
DCO BOUNDARY	DIRECTION OF SURFACE WATER DRAINAGE FLOW
EXISTING WATERCOURSES / BODIES	DIRECTION OF OVERLAND FLOW
	NETWORK INDICATORS
	OVERLAND FLOW PATH



P01	15/06/20	FOR INFORMATION	MW	JM	JM
P02	30/11/20	DESIGN FIX C	SG	JMcC	BAI
P03	22/02/21	ISSUED FOR SGAR 3	SG	JMcC	JMcC
P04	22/02/21	ISSUED FOR SGAR 3	SG	JMcC	JMcC
C01	22/02/21	ISSUED FOR SGAR 3	SG	JMcC	JMcC
REV	DATE	REVISION NOTE	ORG	CHKD	APPD

DESIGNER
SWECO

CONTRACTOR
GallifordTry

CLIENT
highways england

PROJECT TITLE
A47 NORTH TUDDENHAM TO EASTON DUALLING

PROJECT STAGE
PCF STAGE 3

DRAWING TITLE
DRAINAGE CATCHMENT PLAN

IMPORTANT
SAFETY, HEALTH & ENVIRONMENTAL INFORMATION
TO BE READ IN CONJUNCTION WITH HAZARD REGISTER DOC. REF: HE551489-GTY-GHS-000-HS-ZZ-30001.
HAZARD REF AND BRIEF DESCRIPTION OF HAZARD:-
HAZARD REF: BRIEF HAZARD DESCRIPTION

SUITABILITY
AUTHORISED AS STAGE 3 COMPLETED

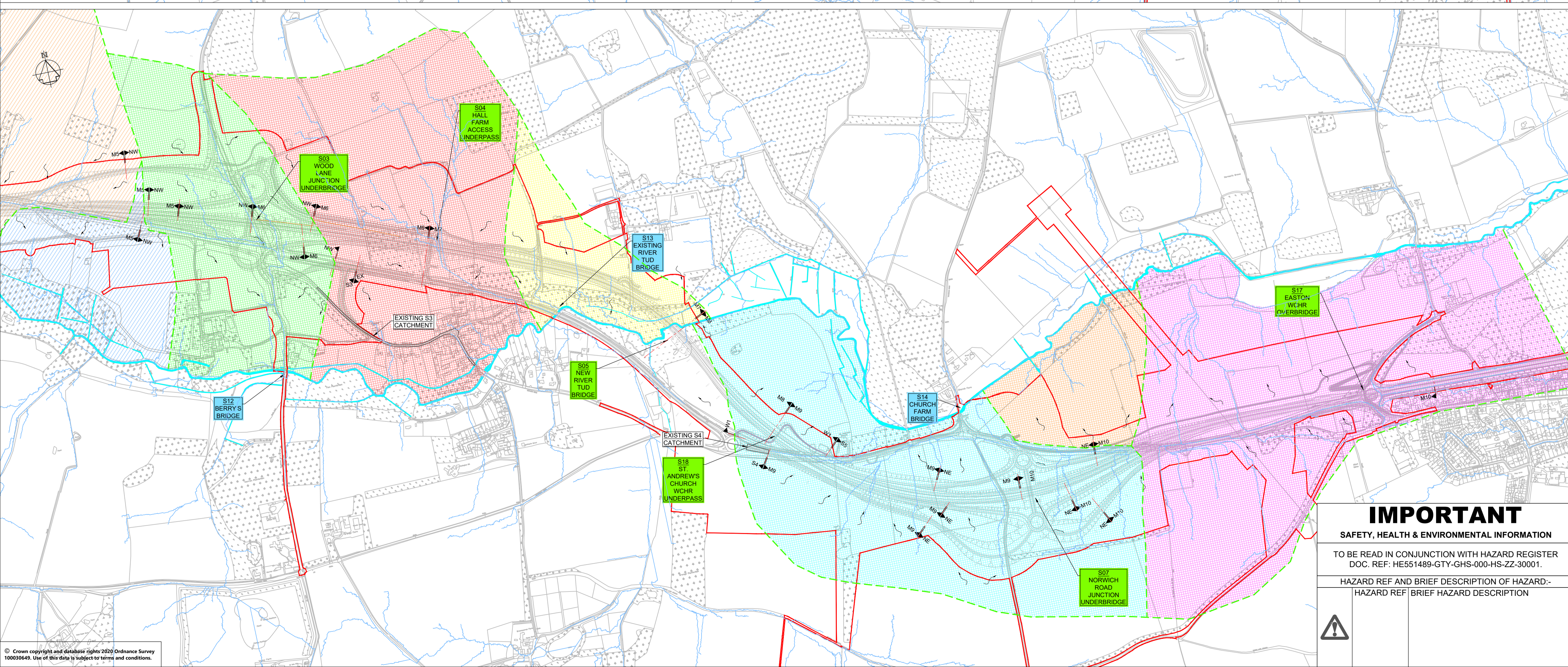
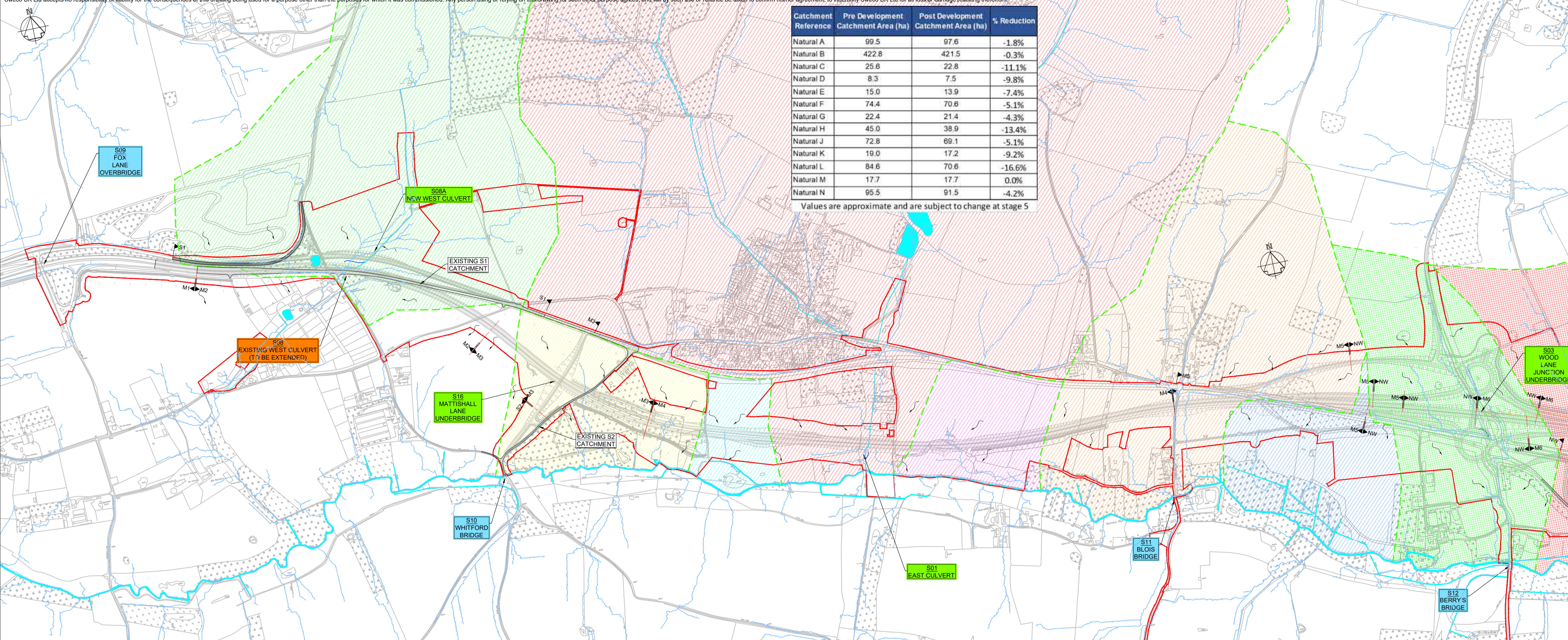
SHEET SIZE	SCALE	STATUS	REVISION
A1	1:7500	A3	C01

DRAWING NUMBER
HE551489-GTY-HDG-000-DR-CH-30016

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Catchment Reference	Pre Development Catchment Area (ha)	Post Development Catchment Area (ha)	% Reduction
Natural A	99.5	97.6	-1.8%
Natural B	422.8	421.5	-0.3%
Natural C	25.6	22.8	-11.1%
Natural D	8.3	7.5	-9.8%
Natural E	15.0	13.9	-7.4%
Natural F	74.4	70.6	-5.1%
Natural G	22.4	21.4	-4.3%
Natural H	45.0	38.9	-13.4%
Natural J	72.8	69.1	-5.1%
Natural K	19.0	17.2	-9.2%
Natural L	84.6	70.6	-16.6%
Natural M	17.7	17.7	0.0%
Natural N	95.5	91.5	-4.2%

Values are approximate and are subject to change at stage 5



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KEY TO SYMBOLS

NATURAL CATCHMENT A		NATURAL CATCHMENT K	
NATURAL CATCHMENT B		NATURAL CATCHMENT L	
NATURAL CATCHMENT C		NATURAL CATCHMENT M	
NATURAL CATCHMENT D		NATURAL CATCHMENT N	
NATURAL CATCHMENT E		OVERLAND FLOW	
NATURAL CATCHMENT F		NETWORK INDICATORS	
NATURAL CATCHMENT G		DCO BOUNDARY	
NATURAL CATCHMENT H		OVERLAND FLOW PATHS	
NATURAL CATCHMENT J		EXISTING SIDE ROAD CATCHMENTS	

P01	22/02/21	ISSUED FOR SGAR 3	SG	JmC	JmC
REV	DATE	REVISION NOTE	ORG	CHKD	APPD

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PROJECT TITLE
A47 NORTH TUDDENHAM TO EASTON DUALLING

PROJECT STAGE
PCF STAGE 3

DRAWING TITLE
EXISTING CATCHMENT PLAN

SUITABILITY
SUITABLE FOR STAGE APPROVAL

SHEET SIZE	SCALE	STATUS	REVISION
A1	1:7500	S4	P01
DRAWING NUMBER HE551489-GTY-HDG-000-DR-CD-30005			

IMPORTANT
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DOC. REF: HE551489-GTY-GHS-000-HS-ZZ-30001.
HAZARD REF AND BRIEF DESCRIPTION OF HAZARD:
HAZARD REF | BRIEF HAZARD DESCRIPTION

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