

A47 Wansford to Sutton Dualling

Scheme Number: TR010039

Volume 6 **6.8 Environmental Masterplan**

APFP Regulation 5(2)(a)

Planning Act 2008

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

June 2022

Deadline 8

Infrastructure Planning

Planning Act 2008

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

**A47 Wansford to Sutton
Development Consent Order 202[x]**

6.8 ENVIRONMENTAL MASTERPLAN

Regulation Number	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference	TR010039
Application Document Reference	TR010039/APP/6.8
Author	A47 Wansford to Sutton Project Team, National Highways

Version	Date	Status of Version
Rev 0	July 2021	Application Issue
Rev 1	August 2021	Updated following PINS Advice
Rev 2	April 2022	Deadline 5
Rev 3	June 2022	Deadline 8

SCHEDULE OF PLANS INCLUDED IN THIS APPLICATION DOCUMENT

Drawing Title	Drawing number
Environmental Masterplan (DCO) – Key Plan	HE551494-GTY-ELS-000-DR-LE-33008
Environmental Masterplan (DCO) – Plant Schedule	HE551494-GTY-ELS-000-DR-LE-32009
Environmental Masterplan (DCO) – Sheet 1	HE551494-GTY-ELS-000-DR-LE-33001
Environmental Masterplan (DCO) – Sheet 2	HE551494-GTY-ELS-000-DR-LE-33002
Environmental Masterplan (DCO) – Sheet 3	HE551494-GTY-ELS-000-DR-LE-33003
Environmental Masterplan (DCO) – Sheet 4	HE551494-GTY-ELS-000-DR-LE-33004
Environmental Masterplan (DCO) – Sheet 5	HE551494-GTY-ELS-000-DR-LE-33005
Environmental Masterplan (DCO) – Sheet 6	HE551494-GTY-ELS-000-DR-LE-33006
Environmental Masterplan (DCO) – Sheet 7	HE551494-GTY-ELS-000-DR-LE-33007

NOTES

Purpose of use

FOR DCO SUBMISSION

Development Consent Order Number / Document

TR010039/APP/6.8

1. THESE PLANS SHOULD BE READ IN CONJUNCTION WITH OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER.
2. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.

KEY TO SYMBOLS

ORDER LIMITS

P01	04/08/21	FOR ISSUE	LS	PBlA	BJon
P02	08/06/22	DEADLINE 8	MHus	PBlA	RMea
REV	DATE	REVISION NOTE	ORG	CHK'D	APP'D

DESIGNER



CONTRACTOR



CLIENT



PROJECT TITLE

A47 WANSFORD TO SUTTON DUALLING

PROJECT STAGE

PCF STAGE 4

DRAWING TITLE

**ENVIRONMENTAL MASTERPLAN
KEY PLAN**

SUITABILITY

SUITABLE FOR STAGE APPROVAL

SHEET SIZE	SCALE	STATUS	REVISION
A1	N/A	S4	P02

DRAWING NUMBER

HE551494-GTY-ELS-000-DR-LE-33008





NOTES

Purpose of use
FOR DCO SUBMISSION

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TR010039/APP/2.13

SHEET PLAN
SHEETS 1 - 7 (INCLUDES INSET A).

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KEY TO SYMBOLS

ORDER LIMITS	LE6.2 BANKS AND DITCHES
EXISTING VEGETATION TO BE RETAINED	LE6.4 MARSH AND WET GRASSLAND
EXISTING POND TO BE RETAINED	PROPOSED ENVIRONMENTAL ELEMENTS
EXISTING FENCE TO BE RETAINED	E2.1 ATTENUATION/INFILTRATION BASINS
EXISTING PARAPET TO BE RETAINED	E3.2.1 ENVIRONMENTAL FENCING
EXISTING LIGHTING COLUMN TO BE RETAINED	E3.2.3 PROPOSED PERMANENT WATER IN WILDLIFE PONDS AND DITCH
PROPOSED LANDSCAPE ELEMENTS	PROPOSED ELEMENTS - OTHER
LE1.3 SPECIES RICH GRASSLAND	AGRICULTURAL LAND RESTORED
LE2.1 WOODLAND	HIGHWAYS FENCE (INDICATIVE)
LE2.5 SHRUBS WITH INTERMITTENT TREES	ANTIGLARE FENCE (INDICATIVE)
LE4.3 NATIVE SPECIES HEDGEROWS	PARAPET (INDICATIVE)
LE4.4 NATIVE HEDGEROWS WITH TREES	LIGHTING COLUMN (INDICATIVE)
LE5.1 INDIVIDUAL TREES	

P01	04/08/21	FOR ISSUE	LS	PBla	BJon
REV	DATE	REVISION NOTE	ORG	CHKD	APPD

DESIGNER
SWECO

CONTRACTOR
GallifordTry

CLIENT
highways england

PROJECT TITLE
A47 WANSFORD TO SUTTON DUALLING

PROJECT STAGE
PCF STAGE 3

DRAWING TITLE
ENVIRONMENTAL MASTERPLAN SHEET 1 OF 7

SUITABILITY
SUITABLE FOR STAGE APPROVAL

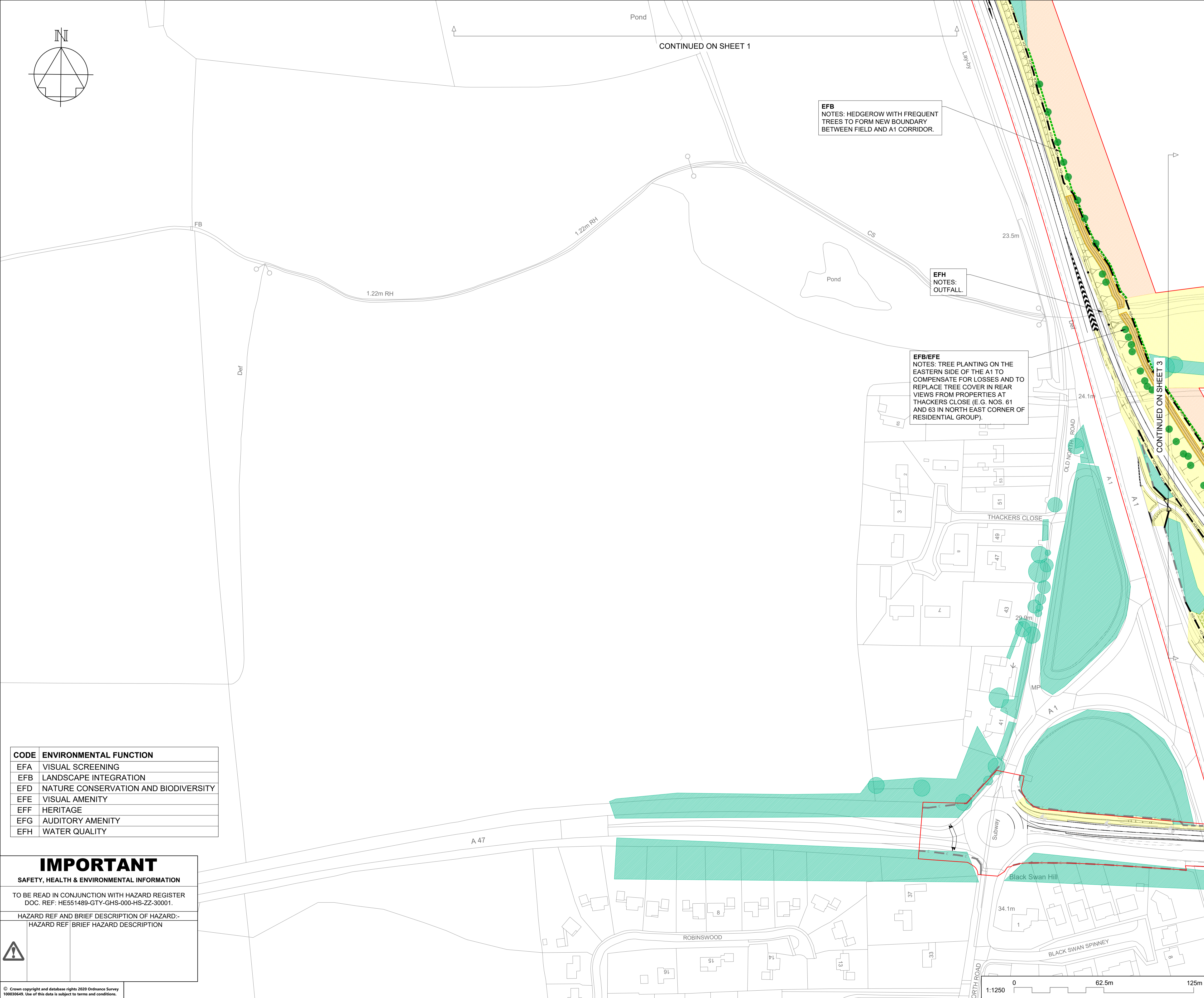
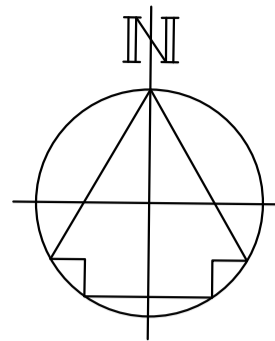
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DRAWING NUMBER
HE551494-GTY-ELS-000-DR-LE-33001

CODE	ENVIRONMENTAL FUNCTION
EFA	VISUAL SCREENING
EFB	LANDSCAPE INTEGRATION
efd	NATURE CONSERVATION AND BIODIVERSITY
EFE	VISUAL AMENITY
EFF	HERITAGE
EFG	AUDITORY AMENITY
EFH	WATER QUALITY

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

0 62.5m 125m
1:1250



NOTES

Purpose of use
FOR DCO SUBMISSION

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SHEET PLAN
SHEETS 1 - 7 (INCLUDES INSET A).

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KEY TO SYMBOLS

ORDER LIMITS	LE6.2 BANKS AND DITCHES
EXISTING VEGETATION TO BE RETAINED	LE6.4 MARSH AND WET GRASSLAND
EXISTING POND TO BE RETAINED	PROPOSED ENVIRONMENTAL ELEMENTS
EXISTING FENCE TO BE RETAINED	E2.1 ATTENUATION/INFILTRATION BASINS
EXISTING PARAPET TO BE RETAINED	E3.2.1 ENVIRONMENTAL FENCING
EXISTING LIGHTING COLUMN TO BE RETAINED	E3.2.3 PROPOSED PERMANENT WATER IN WILDLIFE PONDS AND DITCH
PROPOSED LANDSCAPE ELEMENTS	PROPOSED ELEMENTS - OTHER
LE1.3 SPECIES RICH GRASSLAND	AGRICULTURAL LAND RESTORED
LE2.1 WOODLAND	HIGHWAYS FENCE (INDICATIVE)
LE2.5 SHRUBS WITH INTERMITTENT TREES	ANTIGLARE FENCE (INDICATIVE)
LE4.3 NATIVE SPECIES HEDGEROWS	PARAPET (INDICATIVE)
LE4.4 NATIVE HEDGEROWS WITH TREES	LIGHTING COLUMN (INDICATIVE)
LE5.1 INDIVIDUAL TREES	

REV	DATE	REVISION NOTE	ORG	CHKD	APPD
P01	04/08/21	FOR ISSUE	LS	PBla	BJon

DESIGNER
SWECO

CONTRACTOR
GallifordTry

CLIENT
highways england

PROJECT TITLE
A47 WANSFORD TO SUTTON DUALLING

PROJECT STAGE
PCF STAGE 3

DRAWING TITLE
ENVIRONMENTAL MASTERPLAN SHEET 2 OF 7

SUITABILITY
SUITABLE FOR STAGE APPROVAL

SHEET SIZE	SCALE	STATUS	REVISION
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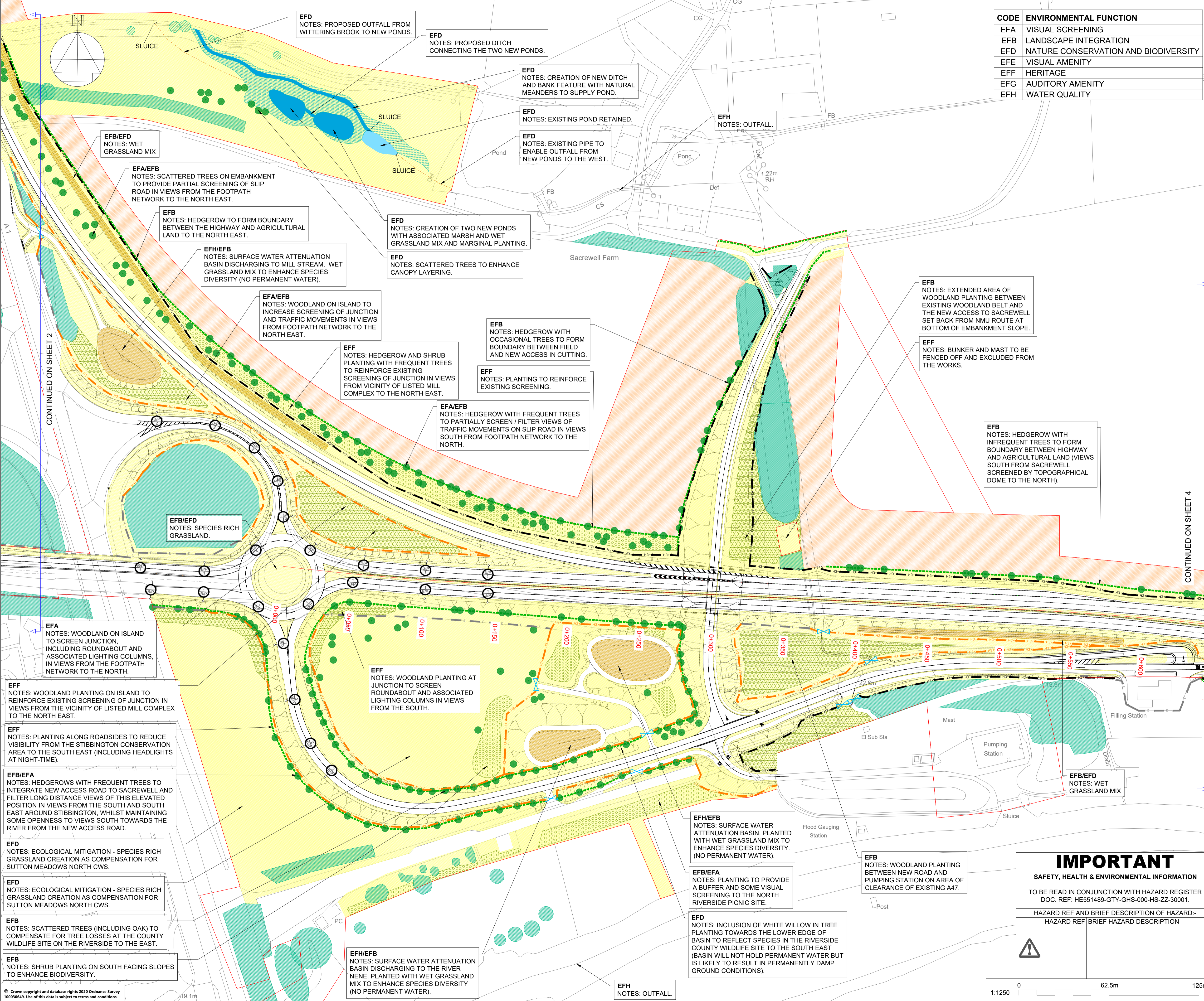
DRAWING NUMBER
HE551494-GTY-ELS-000-DR-LE-33002

CODE	ENVIRONMENTAL FUNCTION
EFA	VISUAL SCREENING
EFB	LANDSCAPE INTEGRATION
EFD	NATURE CONSERVATION AND BIODIVERSITY
EFE	VISUAL AMENITY
EFF	HERITAGE
EFG	AUDITORY AMENITY
EFH	WATER QUALITY

IMPORTANT
SAFETY, HEALTH & ENVIRONMENTAL INFORMATION

TO BE READ IN CONJUNCTION WITH HAZARD REGISTER
DOC. REF: HE551489-GTY-GHS-000-HS-ZZ-30001.

HAZARD REF	BRIEF DESCRIPTION OF HAZARD:-
HAZARD REF	BRIEF HAZARD DESCRIPTION



CODE	ENVIRONMENTAL FUNCTION
EFA	VISUAL SCREENING
EFB	LANDSCAPE INTEGRATION
EFD	NATURE CONSERVATION AND BIODIVERSITY
EFE	VISUAL AMENITY
EFF	HERITAGE
EFG	AUDITORY AMENITY
EFH	WATER QUALITY

NOTES

Purpose of use
FOR DCO SUBMISSION

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TR010039/APP/6.8

SHEET PLAN
SHEETS 1 - 7 (INCLUDES INSET A).

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KEY TO SYMBOLS

ORDER LIMITS	LE6.2 BANKS AND DITCHES
EXISTING VEGETATION TO BE RETAINED	LE6.4 MARSH AND WET GRASSLAND
EXISTING POND TO BE RETAINED	PROPOSED ENVIRONMENTAL ELEMENTS
EXISTING FENCE TO BE RETAINED	E2.1 ATTENUATION/INFILTRATION BASINS
EXISTING PARAPET TO BE RETAINED	E3.2.1 BADGER FENCING
EXISTING LIGHTING COLUMN TO BE RETAINED	E3.2.2 ENVIRONMENTAL FENCING
PROPOSED LANDSCAPE ELEMENTS	E3.2.3 PROPOSED PERMANENT WATER IN WILDLIFE PONDS AND DITCH
LE1.3 SPECIES RICH GRASSLAND	PROPOSED ELEMENTS - OTHER
LE2.1 WOODLAND	AGRICULTURAL LAND RESTORED
LE2.5 SHRUBS WITH INTERMITTENT TREES	HIGHWAYS FENCE (INDICATIVE)
LE4.3 NATIVE SPECIES HEDGEROWS	ANTIGLARE FENCE (INDICATIVE)
LE4.4 NATIVE HEDGEROWS WITH TREES	PARAPET (INDICATIVE)
LE5.1 INDIVIDUAL TREES	LIGHTING COLUMN (INDICATIVE)

REV	DATE	REVISION NOTE	ORG	CHK'D	APP'D
P01	04/08/21	FOR ISSUE		LS	PBlA BJon
P02	30/05/22	DEADLINE 8		MHus	PBlA RMea
P03	08/06/22	DEADLINE 8		MHus	PBlA RMea

DESIGNER

CONTRACTOR

CLIENT

SWECO

GallifordTry

highways england

PROJECT TITLE
A47 WANSFORD TO SUTTON DUALING

PROJECT STAGE
PCF STAGE 4

DRAWING TITLE
ENVIRONMENTAL MASTERPLAN SHEET 3 OF 7

SUITABILITY
SUITABLE FOR STAGE APPROVAL

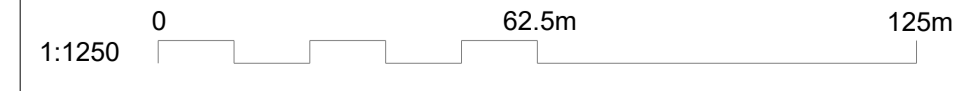
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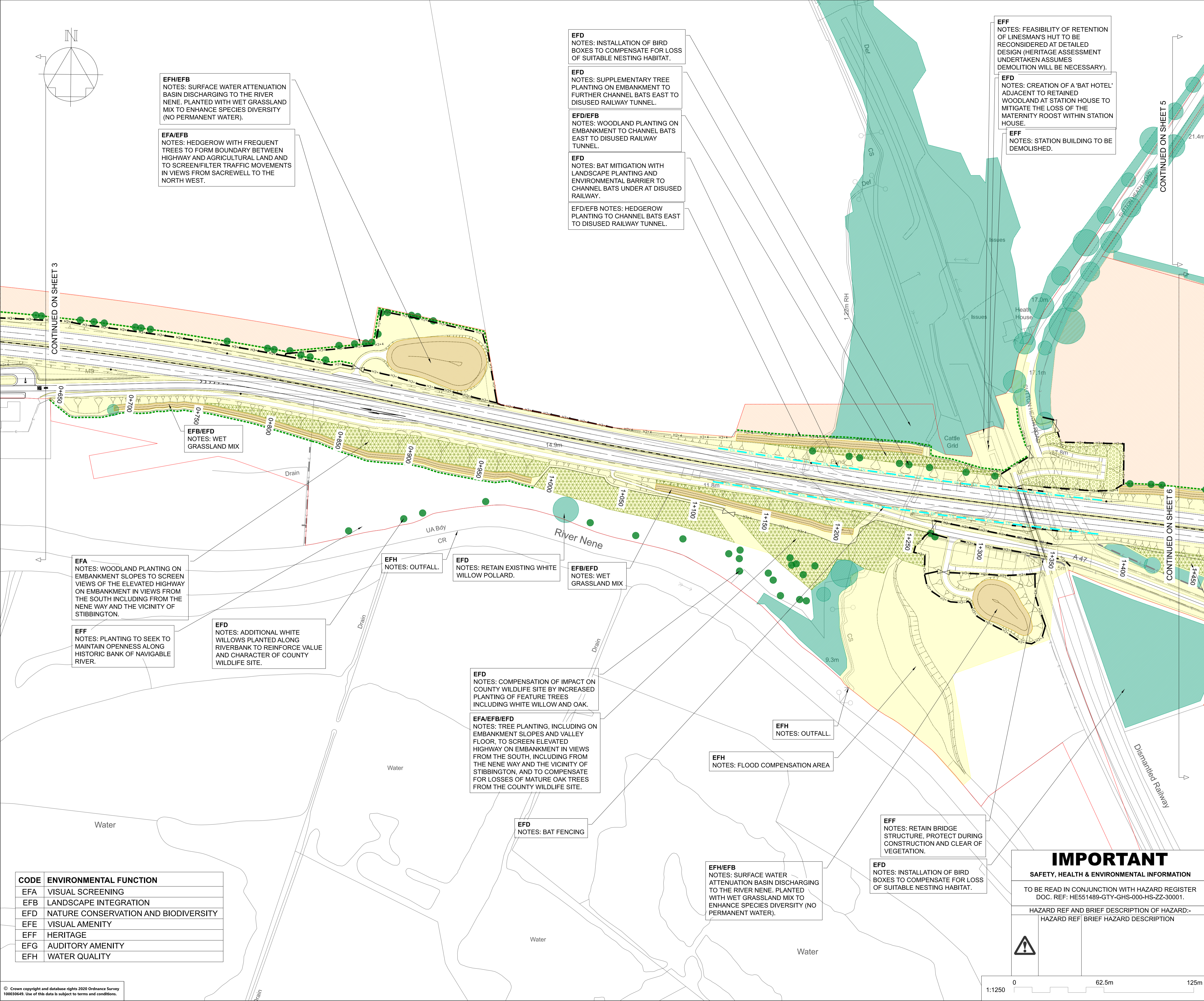
IMPORTANT
SAFETY, HEALTH & ENVIRONMENTAL INFORMATION

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



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EFH/EFB
NOTES: SURFACE WATER ATTENUATION BASIN DISCHARGING TO THE RIVER NENE. PLANTED WITH WET GRASSLAND MIX TO ENHANCE SPECIES DIVERSITY (NO PERMANENT WATER).

EFA/EFB
NOTES: HEDGEROW WITH FREQUENT TREES TO FORM BOUNDARY BETWEEN HIGHWAY AND AGRICULTURAL LAND AND TO SCREEN/FILTER TRAFFIC MOVEMENTS IN VIEWS FROM SACREWELL TO THE NORTH WEST.

EFD
NOTES: INSTALLATION OF BIRD BOXES TO COMPENSATE FOR LOSS OF SUITABLE NESTING HABITAT.

EFD
NOTES: SUPPLEMENTARY TREE PLANTING ON EMBANKMENT TO FURTHER CHANNEL BATS EAST TO DISUSED RAILWAY TUNNEL.

EFD/EFB
NOTES: WOODLAND PLANTING ON EMBANKMENT TO CHANNEL BATS EAST TO DISUSED RAILWAY TUNNEL.

EFD
NOTES: BAT MITIGATION WITH LANDSCAPE PLANTING AND ENVIRONMENTAL BARRIER TO CHANNEL BATS UNDER AT DISUSED RAILWAY.

EFD/EFB NOTES: HEDGEROW PLANTING TO CHANNEL BATS EAST TO DISUSED RAILWAY TUNNEL.

EFF
NOTES: FEASIBILITY OF RETENTION OF LINESMAN'S HUT TO BE RECONSIDERED AT DETAILED DESIGN (HERITAGE ASSESSMENT UNDERTAKEN ASSUMES DEMOLITION WILL BE NECESSARY).

EFD
NOTES: CREATION OF A 'BAT HOTEL' ADJACENT TO RETAINED WOODLAND AT STATION HOUSE TO MITIGATE THE LOSS OF THE MATERNITY ROOST WITHIN STATION HOUSE.

EFF
NOTES: STATION BUILDING TO BE DEMOLISHED.

EFB/EFD
NOTES: WET GRASSLAND MIX

EFA
NOTES: WOODLAND PLANTING ON EMBANKMENT SLOPES TO SCREEN VIEWS OF THE ELEVATED HIGHWAY ON EMBANKMENT IN VIEWS FROM THE SOUTH INCLUDING FROM THE NENE WAY AND THE VICINITY OF STIBBINGTON.

EFF
NOTES: PLANTING TO SEEK TO MAINTAIN OPENNESS ALONG HISTORIC BANK OF NAVIGABLE RIVER.

EFD
NOTES: ADDITIONAL WHITE WILLOWS PLANTED ALONG RIVERBANK TO REINFORCE VALUE AND CHARACTER OF COUNTY WILDLIFE SITE.

EFH
NOTES: OUTFALL.

EFD
NOTES: RETAIN EXISTING WHITE WILLOW POLLARD.

EFB/EFD
NOTES: WET GRASSLAND MIX

EFD
NOTES: COMPENSATION OF IMPACT ON COUNTY WILDLIFE SITE BY INCREASED PLANTING OF FEATURE TREES INCLUDING WHITE WILLOW AND OAK.

EFA/EFB/EFD
NOTES: TREE PLANTING, INCLUDING ON EMBANKMENT SLOPES AND VALLEY FLOOR, TO SCREEN ELEVATED HIGHWAY ON EMBANKMENT IN VIEWS FROM THE SOUTH, INCLUDING FROM THE NENE WAY AND THE VICINITY OF STIBBINGTON, AND TO COMPENSATE FOR LOSSES OF MATURE OAK TREES FROM THE COUNTY WILDLIFE SITE.

EFH
NOTES: OUTFALL.

EFH
NOTES: FLOOD COMPENSATION AREA

EFD
NOTES: BAT FENCING

EFH/EFB
NOTES: SURFACE WATER ATTENUATION BASIN DISCHARGING TO THE RIVER NENE. PLANTED WITH WET GRASSLAND MIX TO ENHANCE SPECIES DIVERSITY (NO PERMANENT WATER).

EFF
NOTES: RETAIN BRIDGE STRUCTURE. PROTECT DURING CONSTRUCTION AND CLEAR OF VEGETATION.

EFD
NOTES: INSTALLATION OF BIRD BOXES TO COMPENSATE FOR LOSS OF SUITABLE NESTING HABITAT.

CODE	ENVIRONMENTAL FUNCTION
EFA	VISUAL SCREENING
EFB	LANDSCAPE INTEGRATION
EFD	NATURE CONSERVATION AND BIODIVERSITY
EFE	VISUAL AMENITY
EFF	HERITAGE
EFG	AUDITORY AMENITY
EFH	WATER QUALITY

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NOTES
Purpose of use
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TR010039/APP/2.13

SHEET PLAN
SHEETS 1 - 7 (INCLUDES INSET A).

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KEY TO SYMBOLS

ORDER LIMITS	LE6.2 BANKS AND DITCHES
EXISTING VEGETATION TO BE RETAINED	PROPOSED ENVIRONMENTAL ELEMENTS
EXISTING POND TO BE RETAINED	E2.1 ATTENUATION/INFILTRATION BASINS
EXISTING FENCE TO BE RETAINED	E3.2.1 ENVIRONMENTAL FENCING
EXISTING PARAPET TO BE RETAINED	E3.2.3 PROPOSED PERMANENT WATER IN WILDLIFE PONDS AND DITCH
EXISTING LIGHTING COLUMN TO BE RETAINED	PROPOSED ELEMENTS - OTHER
PROPOSED LANDSCAPE ELEMENTS	AGRICULTURAL LAND RESTORED
LE1.3 SPECIES RICH GRASSLAND	HIGHWAYS FENCE (INDICATIVE)
LE2.1 WOODLAND	ANTIGLARE FENCE (INDICATIVE)
LE2.5 SHRUBS WITH INTERMITTENT TREES	PARAPET (INDICATIVE)
LE4.3 NATIVE SPECIES HEDGEROWS	LIGHTING COLUMN (INDICATIVE)
LE4.4 NATIVE HEDGEROWS WITH TREES	
LE5.1 INDIVIDUAL TREES	

P01	04/08/21	FOR ISSUE	LS	PBla	BJon
P02	14/04/22	DEADLINE 5	MHus	PBla	MMur
REV	DATE	REVISION NOTE	ORG	CHKD	APPD

DESIGNER
SWECO

CONTRACTOR
GallifordTry

CLIENT
highways england

PROJECT TITLE
A47 WANSFORD TO SUTTON DUALLING

PROJECT STAGE
PCF STAGE 4

DRAWING TITLE
ENVIRONMENTAL MASTERPLAN SHEET 4 OF 7

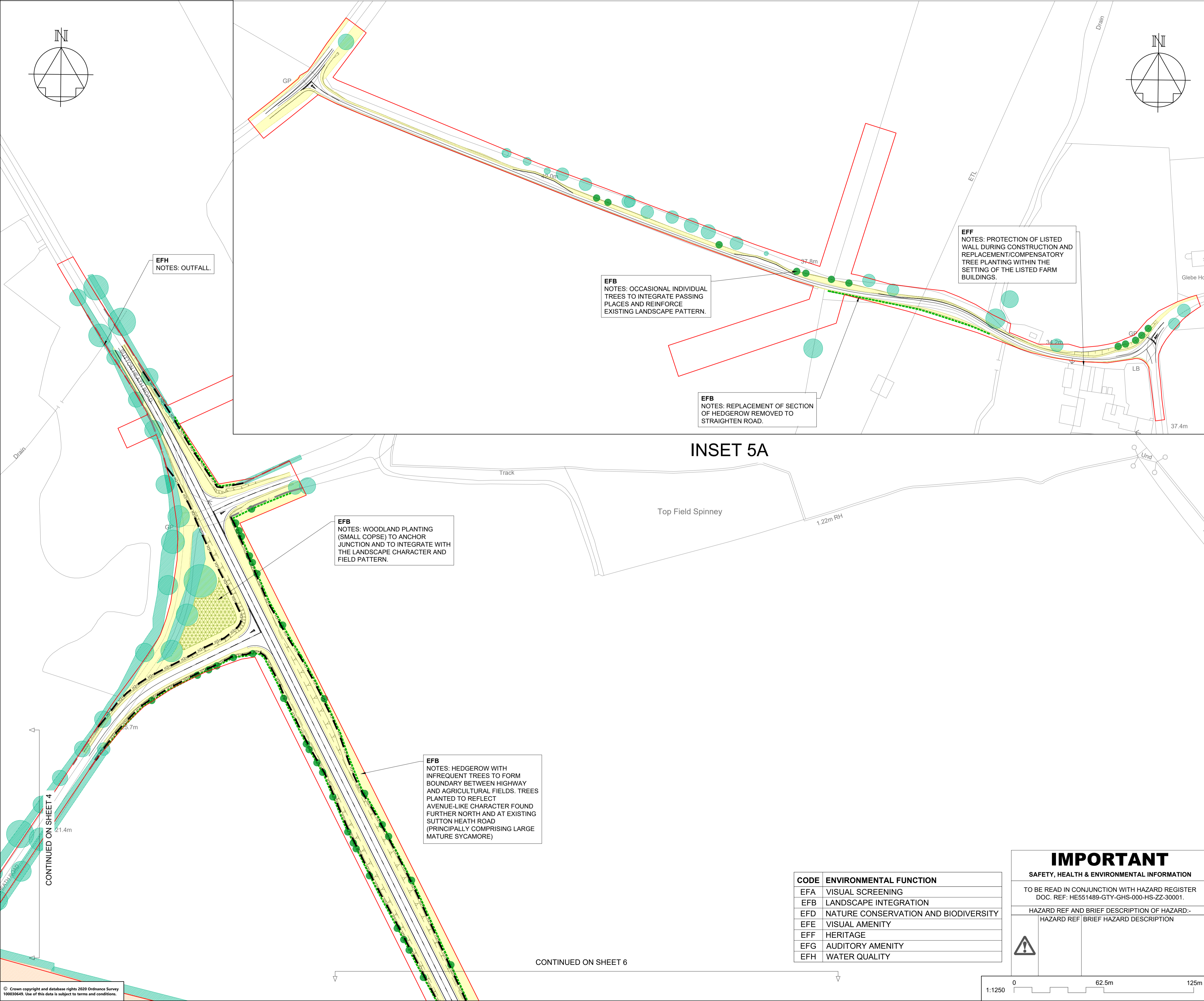
SUITABILITY
SUITABLE FOR STAGE APPROVAL

SHEET SIZE	SCALE	STATUS	REVISION
A1	1:1250	S4	P02

DRAWING NUMBER
HE551494-GTY-ELS-000-DR-LE-33004

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

0 62.5m 125m
1:1250



INSET 5A

NOTES
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FOR DCO SUBMISSION
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TR010039/APP/2.13
SHEET PLAN
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KEY TO SYMBOLS

ORDER LIMITS	LE6.2 BANKS AND DITCHES
EXISTING VEGETATION TO BE RETAINED	PROPOSED ENVIRONMENTAL ELEMENTS
EXISTING POND TO BE RETAINED	E2.1 ATTENUATION/INFILTRATION BASINS
EXISTING FENCE TO BE RETAINED	E3.2.1 ENVIRONMENTAL FENCING
EXISTING PARAPET TO BE RETAINED	E3.2.3 PROPOSED PERMANENT WATER IN WILDLIFE PONDS AND DITCH
EXISTING LIGHTING COLUMN TO BE RETAINED	PROPOSED ELEMENTS - OTHER
PROPOSED LANDSCAPE ELEMENTS	AGRICULTURAL LAND RESTORED
LE1.3 SPECIES RICH GRASSLAND	HIGHWAYS FENCE (INDICATIVE)
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LE4.3 NATIVE SPECIES HEDGEROWS	LIGHTING COLUMN (INDICATIVE)
LE4.3 NATIVE HEDGEROWS WITH TREES	
LE5.1 INDIVIDUAL TREES	

P01	04/08/21	FOR ISSUE	LS	Pbla	BJon
REV	DATE	REVISION NOTE	ORG	CHKD	APPD

DESIGNER
SWECO

CONTRACTOR
GallifordTry

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highways england

PROJECT TITLE
A47 WANSFORD TO SUTTON DUALLING

PROJECT STAGE
PCF STAGE 3

DRAWING TITLE
ENVIRONMENTAL MASTERPLAN SHEET 5 OF 7

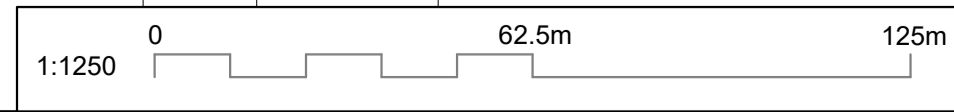
SUITABILITY
SUITABLE FOR STAGE APPROVAL

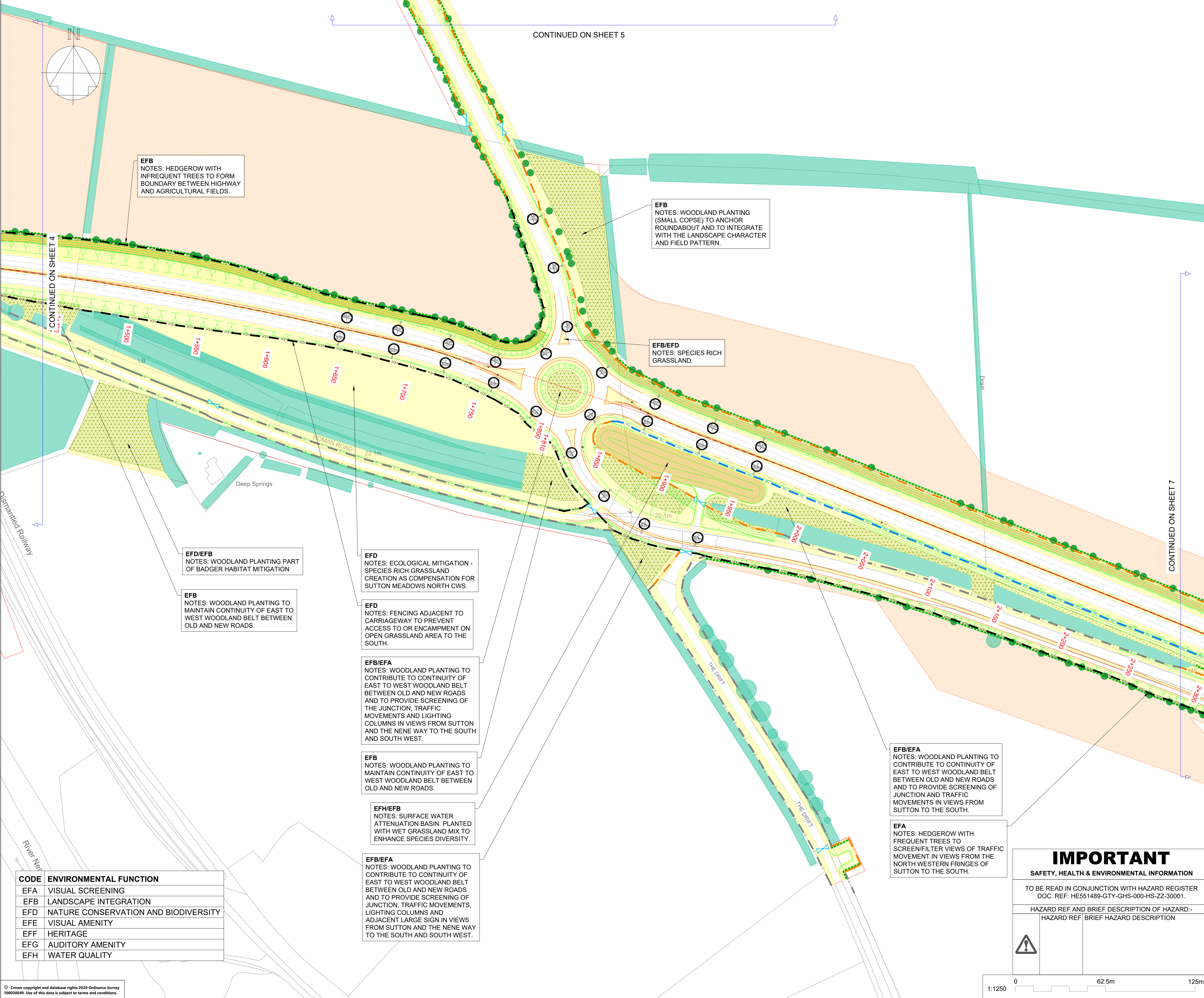
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DRAWING NUMBER
HE551494-GTY-ELS-000-DR-LE-33005

CODE	ENVIRONMENTAL FUNCTION
EFA	VISUAL SCREENING
EFB	LANDSCAPE INTEGRATION
EFD	NATURE CONSERVATION AND BIODIVERSITY
EFE	VISUAL AMENITY
EFF	HERITAGE
EFG	AUDITORY AMENITY
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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





CONTINUED ON SHEET 5

CONTINUED ON SHEET 4

CONTINUED ON SHEET 7

EFB
NOTES: HEDGEROW WITH INFREQUENT TREES TO FORM BOUNDARY BETWEEN HIGHWAY AND AGRICULTURAL FIELDS.

EFB
NOTES: WOODLAND PLANTING (SMALL COPSE) TO ANCHOR ROUNDABOUT AND TO INTEGRATE WITH THE LANDSCAPE CHARACTER AND FIELD PATTERN.

EFB/efd
NOTES: SPECIES RICH GRASSLAND.

efd/EFB
NOTES: WOODLAND PLANTING PART OF BADGER HABITAT MITIGATION

EFB
NOTES: WOODLAND PLANTING TO MAINTAIN CONTINUITY OF EAST TO WEST WOODLAND BELT BETWEEN OLD AND NEW ROADS.

efd
NOTES: ECOLOGICAL MITIGATION - SPECIES RICH GRASSLAND CREATION AS COMPENSATION FOR SUTTON MEADOWS NORTH CWS.

efd
NOTES: FENCING ADJACENT TO CARRIAGEWAY TO PREVENT ACCESS TO OR ENCAMPMENT ON OPEN GRASSLAND AREA TO THE SOUTH.

EFB/EFA
NOTES: WOODLAND PLANTING TO CONTRIBUTE TO CONTINUITY OF EAST TO WEST WOODLAND BELT BETWEEN OLD AND NEW ROADS AND TO PROVIDE SCREENING OF THE JUNCTION, TRAFFIC MOVEMENTS AND LIGHTING COLUMNS IN VIEWS FROM SUTTON AND THE NENE WAY TO THE SOUTH AND SOUTH WEST.

EFB
NOTES: WOODLAND PLANTING TO MAINTAIN CONTINUITY OF EAST TO WEST WOODLAND BELT BETWEEN OLD AND NEW ROADS.

EFH/EFB
NOTES: SURFACE WATER ATTENUATION BASIN. PLANTED WITH WET GRASSLAND MIX TO ENHANCE SPECIES DIVERSITY.

EFB/EFA
NOTES: WOODLAND PLANTING TO CONTRIBUTE TO CONTINUITY OF EAST TO WEST WOODLAND BELT BETWEEN OLD AND NEW ROADS AND TO PROVIDE SCREENING OF JUNCTION, TRAFFIC MOVEMENTS, LIGHTING COLUMNS AND ADJACENT LARGE SIGN IN VIEWS FROM SUTTON AND THE NENE WAY TO THE SOUTH AND SOUTH WEST.

EFB/EFA
NOTES: WOODLAND PLANTING TO CONTRIBUTE TO CONTINUITY OF EAST TO WEST WOODLAND BELT BETWEEN OLD AND NEW ROADS AND TO PROVIDE SCREENING OF JUNCTION AND TRAFFIC MOVEMENTS IN VIEWS FROM SUTTON TO THE SOUTH.

EFA
NOTES: HEDGEROW WITH FREQUENT TREES TO SCREEN/FILTER VIEWS OF TRAFFIC MOVEMENT IN VIEWS FROM THE NORTH WESTERN FRINGES OF SUTTON TO THE SOUTH.

CODE	ENVIRONMENTAL FUNCTION
EFA	VISUAL SCREENING
EFB	LANDSCAPE INTEGRATION
efd	NATURE CONSERVATION AND BIODIVERSITY
efe	VISUAL AMENITY
eff	HERITAGE
efg	AUDITORY AMENITY
efh	WATER QUALITY

NOTES

Purpose of use
FOR DCO SUBMISSION

Development Consent Order Number / Document
TR010039/APP/6.8

SHEET PLAN
SHEETS 1 - 7 (INCLUDES INSET A).

1. THESE PLANS SHOULD BE READ IN CONJUNCTION WITH OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER.
2. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
3. ONLY HEDGES WITHIN THE ORDER LIMITS ARE DISPLAYED ON THIS DRAWING SET.

KEY TO SYMBOLS

ORDER LIMITS	LE6.2 BANKS AND DITCHES
EXISTING VEGETATION TO BE RETAINED	LE6.4 MARSH AND WET GRASSLAND
EXISTING POND TO BE RETAINED	PROPOSED ENVIRONMENTAL ELEMENTS
EXISTING FENCE TO BE RETAINED	E2.1 ATTENUATION/INFILTRATION BASINS
EXISTING PARAPET TO BE RETAINED	E3.2.1 BADGER FENCING
EXISTING LIGHTING COLUMN TO BE RETAINED	E3.2.2 ENVIRONMENTAL FENCING
PROPOSED LANDSCAPE ELEMENTS	E3.2.3 PROPOSED PERMANENT WATER IN WILDLIFE PONDS AND DITCH
LE1.3 SPECIES RICH GRASSLAND	PROPOSED ELEMENTS - OTHER
LE2.1 WOODLAND	AGRICULTURAL LAND RESTORED
LE2.5 SHRUBS WITH INTERMITTENT TREES	HIGHWAYS FENCE (INDICATIVE)
LE4.3 NATIVE SPECIES HEDGEROWS	ANTI-GLARE FENCE (INDICATIVE)
LE4.4 NATIVE HEDGEROWS WITH TREES	PARAPET (INDICATIVE)
LE5.1 INDIVIDUAL TREES	LIGHTING COLUMN (INDICATIVE)

REV	DATE	REVISION NOTE	ORG	CHK'D	APP'D
P01	04/08/21	FOR ISSUE		LS	PBlA BJon
P02	30/05/22	DEADLINE 8		MHus	PBlA RMea
P03	08/06/22	DEADLINE 8		MHus	PBlA RMea

DESIGNER

SWECO

CONTRACTOR

GallifordTry

CLIENT

highways england

PROJECT TITLE
A47 WANSFORD TO SUTTON DUALLING

PROJECT STAGE
PCF STAGE 4

DRAWING TITLE
ENVIRONMENTAL MASTERPLAN SHEET 6 OF 7

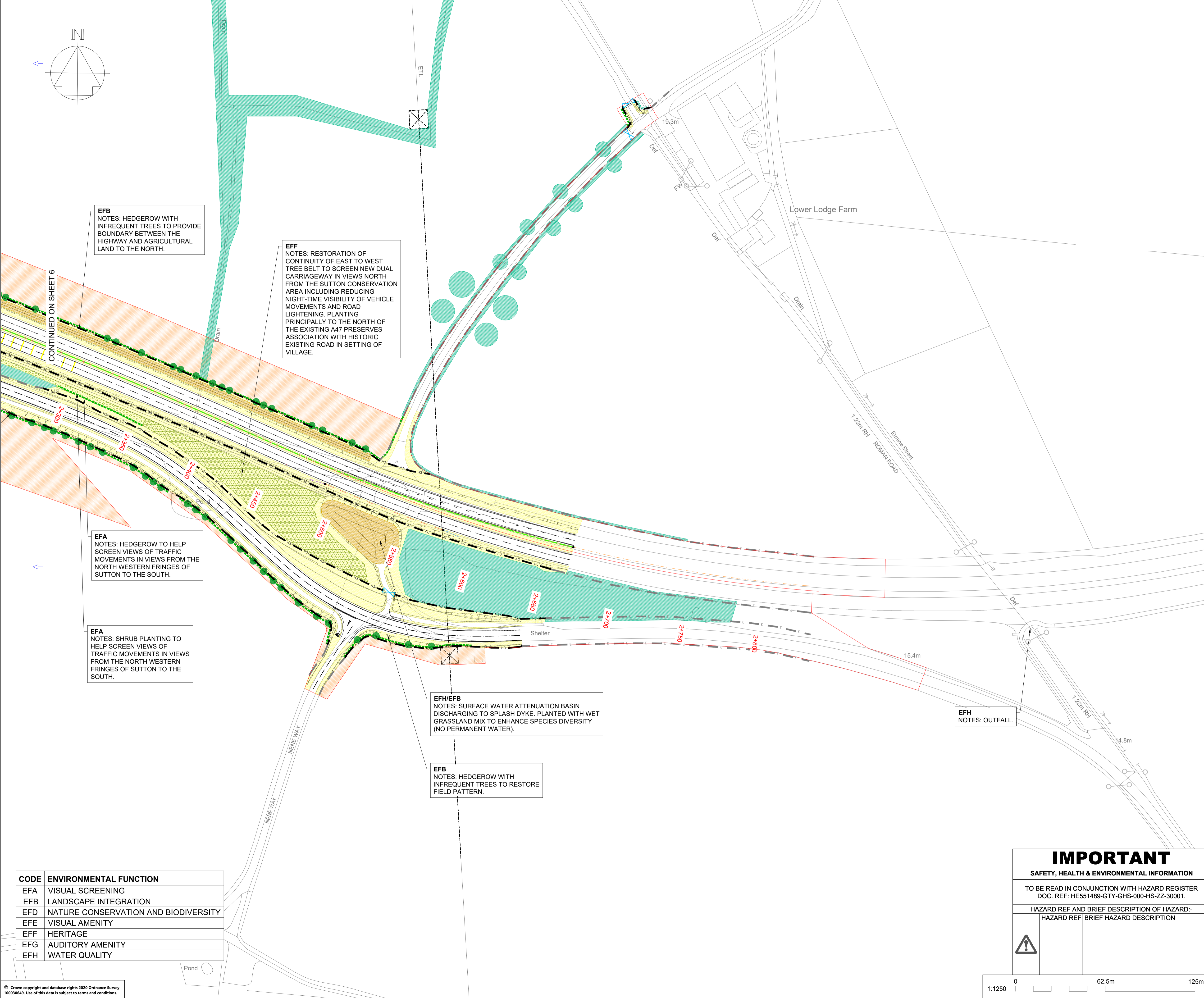
SUITABILITY
SUITABLE FOR STAGE APPROVAL

SHEET SIZE	SCALE	STATUS	REVISION
A1	1:1250	S4	P03

DRAWING NUMBER
HE551494-GTY-ELS-000-DR-LE-33006

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

1:1250 0 62.5m 125m



NOTES

Purpose of use
FOR DCO SUBMISSION

Development Consent Order Number / Document
TR010039/APP/6.8

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REV	DATE	REVISION NOTE		ORG	CHK'D	APP'D

DESIGNER

CONTRACTOR

CLIENT

PROJECT TITLE
A47 WANSFORD TO SUTTON DUALLING

PROJECT STAGE
PCF STAGE 4

DRAWING TITLE
ENVIRONMENTAL MASTERPLAN SHEET 7 OF 7

SUITABILITY
SUITABLE FOR STAGE APPROVAL

SHEET SIZE	SCALE	STATUS	REVISION
A1	1:1250	S4	P03

DRAWING NUMBER
HE551494-GTY-ELS-000-DR-LE-33007

CODE	ENVIRONMENTAL FUNCTION
EFA	VISUAL SCREENING
EFB	LANDSCAPE INTEGRATION
EFD	NATURE CONSERVATION AND BIODIVERSITY
EFE	VISUAL AMENITY
EFF	HERITAGE
EFG	AUDITORY AMENITY
EFH	WATER QUALITY

IMPORTANT
SAFETY, HEALTH & ENVIRONMENTAL INFORMATION

TO BE READ IN CONJUNCTION WITH HAZARD REGISTER DOC. REF: HE551489-GTY-GHS-000-HS-ZZ-30001.

HAZARD REF	BRIEF HAZARD DESCRIPTION

1:1250 0 62.5m 125m