

M60/M62/M66 Simister Island Interchange

TR010064

ENVIRONMENTAL STATEMENT FIGURES CHAPTER 2 THE SCHEME

APFP 5(2)(a)

Planning Act 2008

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

VOLUME 6.2

March 2024

Infrastructure Planning

Planning Act 2008

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

M60/M62/M66 Simister Island Interchange
Development Consent Order 202[]

**ENVIRONMENTAL STATEMENT FIGURES
CHAPTER 2 THE SCHEME**

Regulation Reference	5(2)(a)
Planning Inspectorate Scheme Reference	TR010064
Application Document Reference	TR010064/APP/6.2
Author	M60/M62/M66 Simister Island Interchange Costain Jacobs Partnership Project Team & National Highways

Version	Date	Status of Version
P01	March 2024	FOR DCO APPLICATION

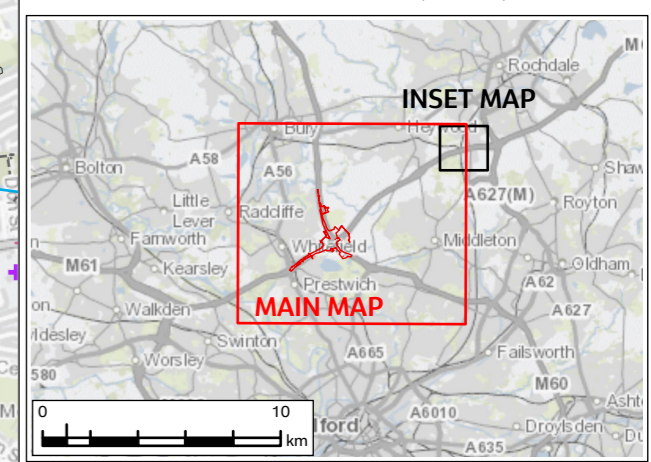
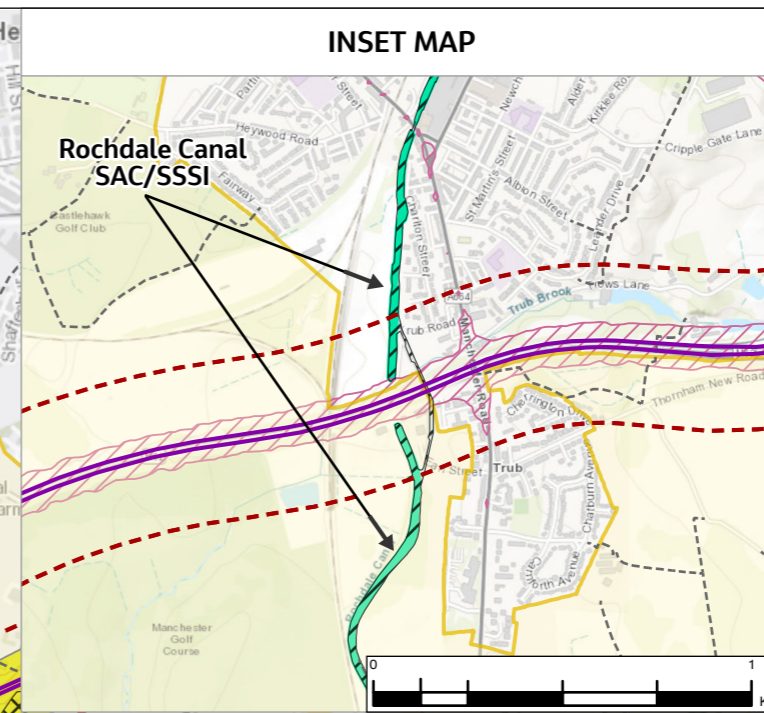
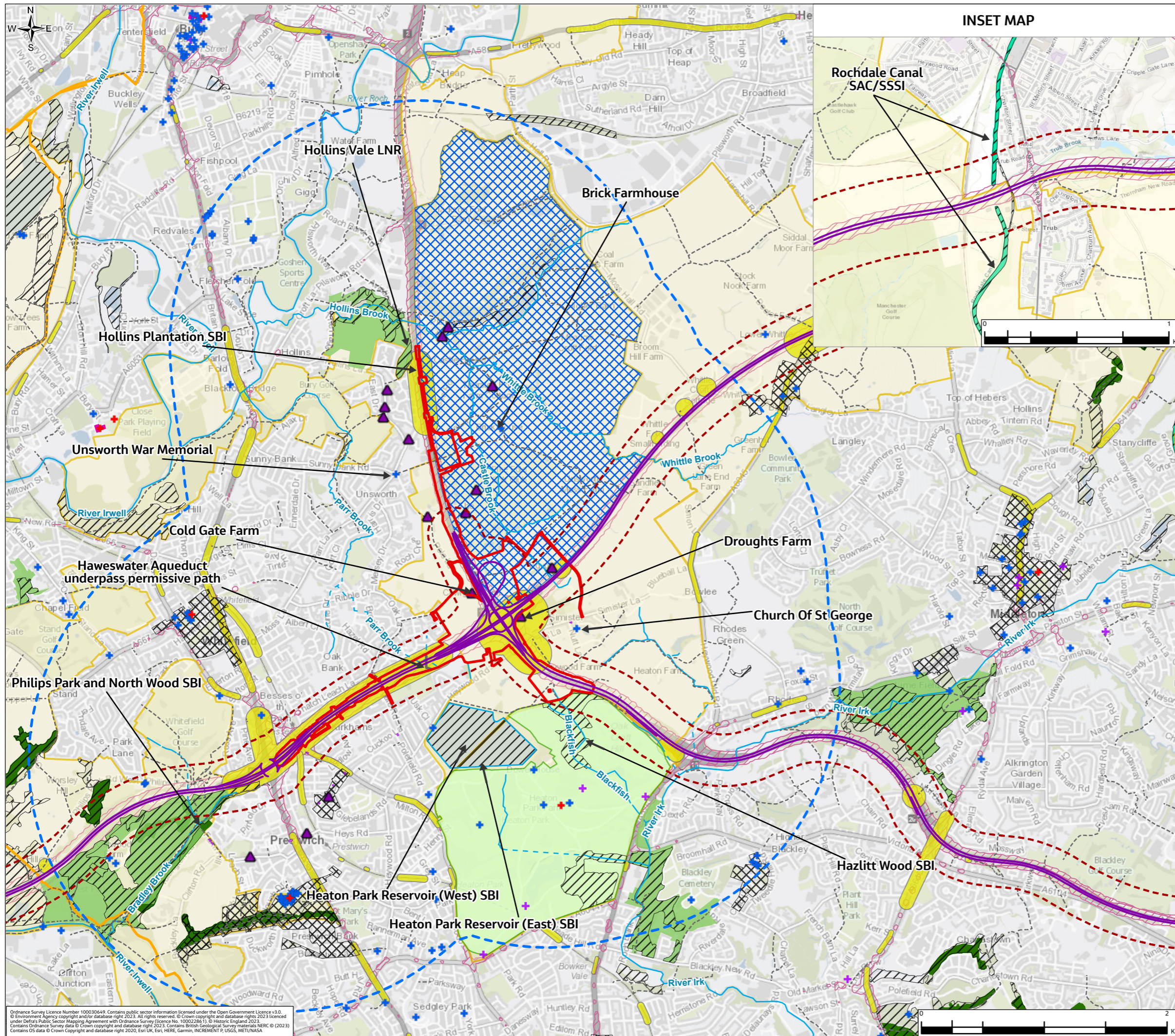
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Environmental Statement Figures Chapter 2 The Scheme

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- Figure 2.2 Scheme Design
- Figure 2.3 Environmental Masterplan
- Figure 2.4 Temporary Works

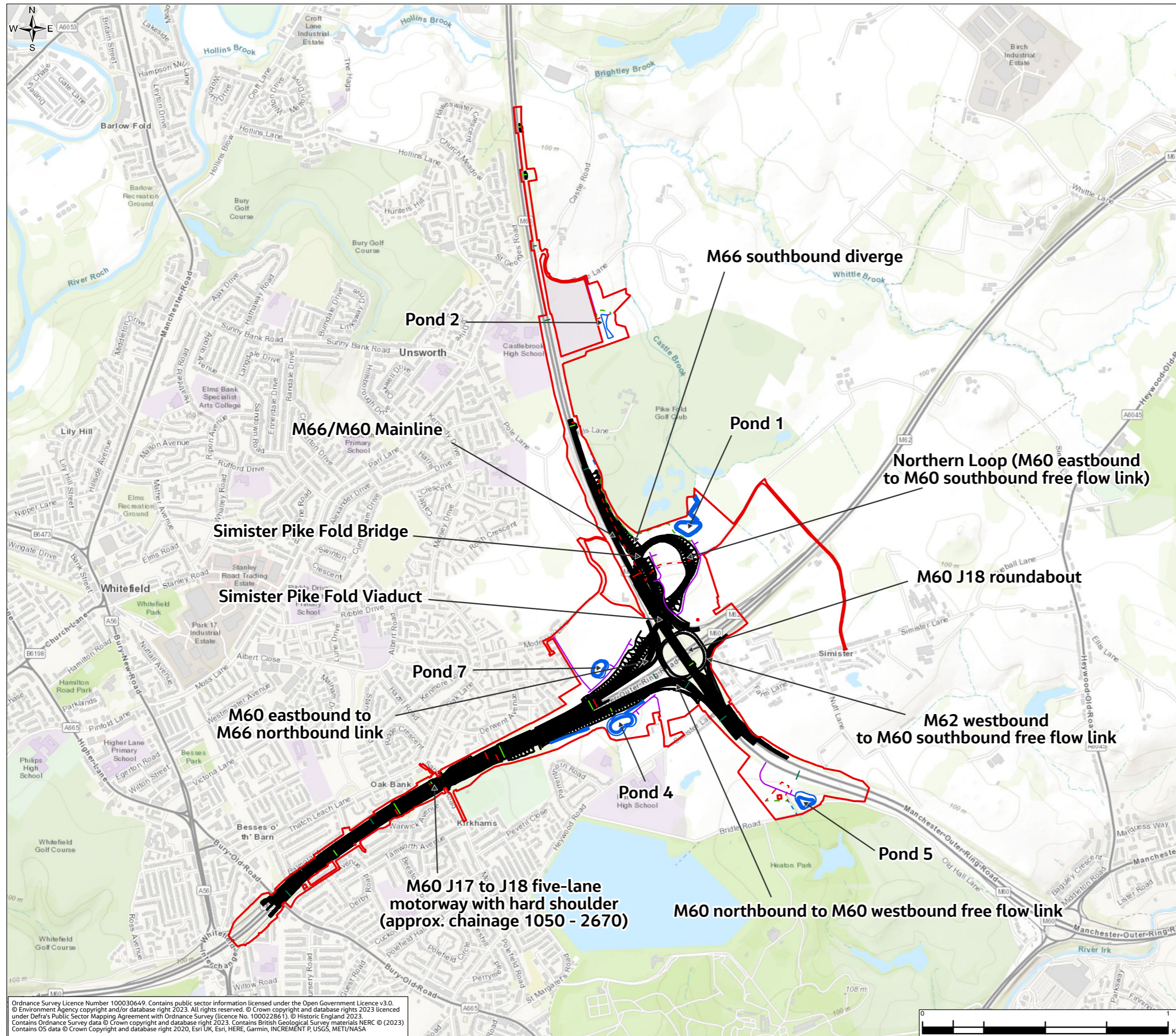


P01	JAN 24	For DCO application	LT	MS	JR	BB
Rev.	Rev. Date	Purpose of revision	Draw	Check'd	Rev'd	Appr'd
Development Consent Order Number: TR010064			Development Consent Order Drawing Number: 6.2			
Project REGIONAL DELIVERY PARTNERSHIP M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing Title ENVIRONMENTAL STATEMENT ENVIRONMENTAL CONSTRAINTS						
Drawing Status S4 – SUITABLE FOR STAGED APPROVAL						
Scale @ A3		1:30,000	DO NOT SCALE			
Jacobs No.		B36601F0	Rev P01			
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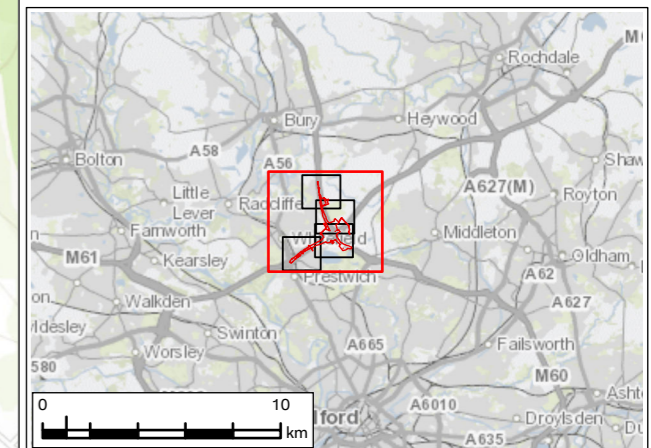
FIGURE 2.2



Legend

- Order Limits
- Scheme design
- Ponds and swales
- Gantries**
- New Gantries
- Removed Gantries
- Retained Gantries
- Public right of way and maintenance access track**
- Maintenance access track
- Public right of way
- Retained public right of way
- Stopped up public right of way

This figure shows the permanent elements of the Scheme. Refer to Figure 2.4: Temporary Works of the Environmental Statement Figures (TR010064/APP/6.2) for temporary works.



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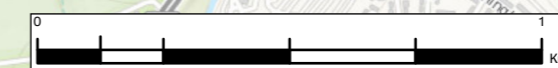


**REGIONAL DELIVERY PARTNERSHIP
M60/M62/M66 SIMISTER ISLAND INTERCHANGE**

**ENVIRONMENTAL STATEMENT
SCHEME DESIGN
SHEET 1 OF 5**

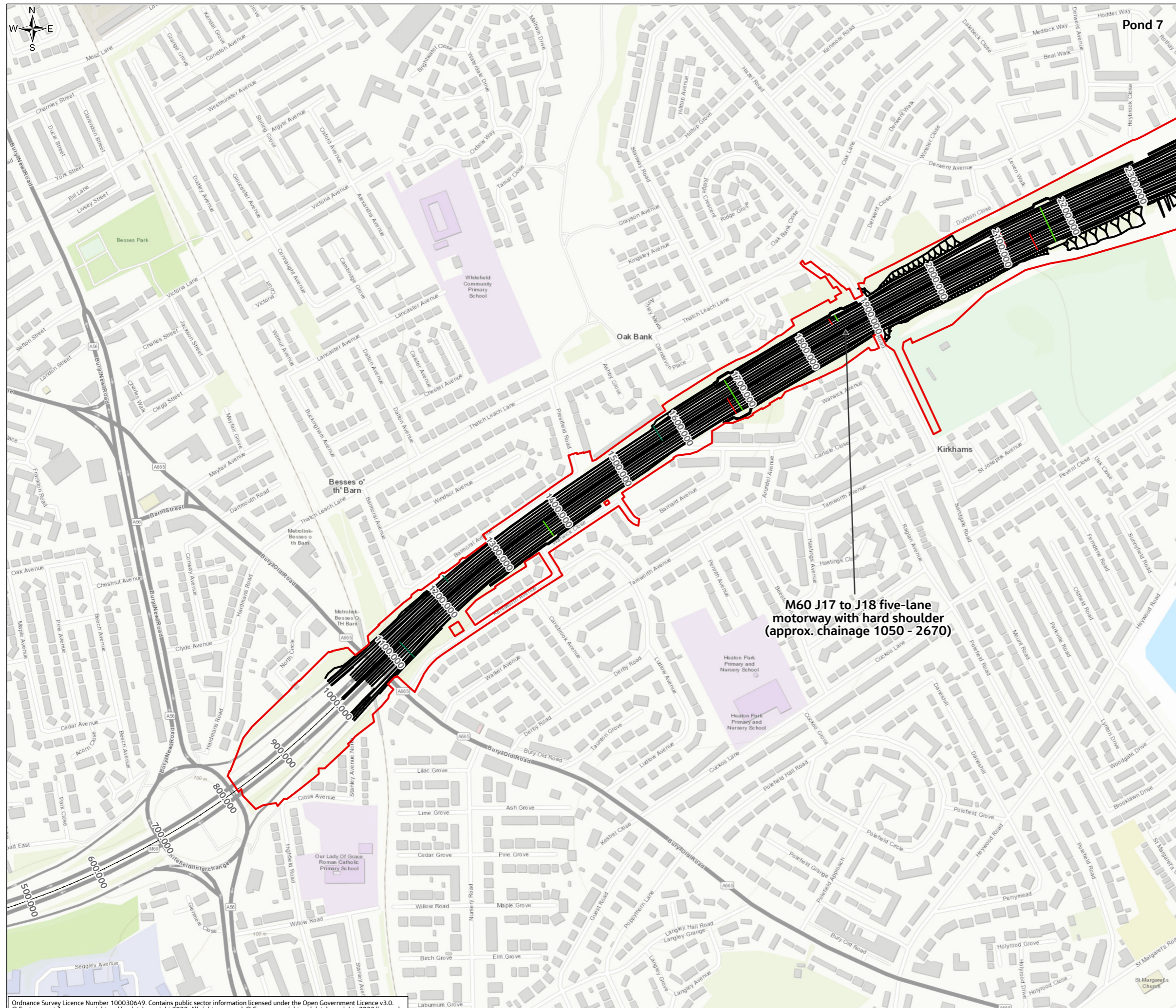
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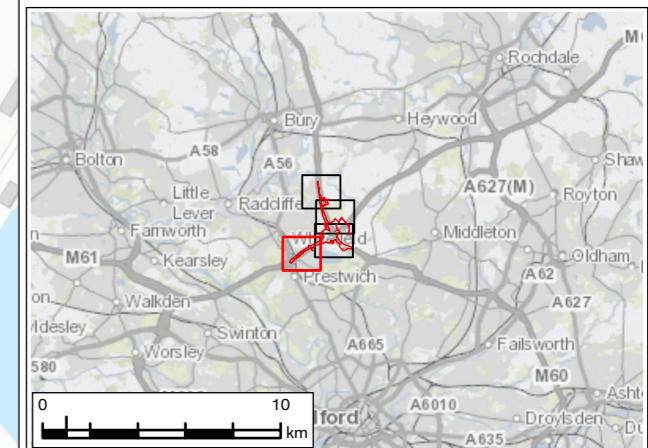
FIGURE 2.2



Legend

- Order Limits
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This figure shows the permanent elements of the Scheme. Refer to Figure 2.4: Temporary Works of the Environmental Statement Figures (TR010064/APP/6.2) for temporary works.



M60 J17 to J18 five-lane motorway with hard shoulder (approx. chainage 1050 - 2670)

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REGIONAL DELIVERY PARTNERSHIP M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
ENVIRONMENTAL STATEMENT SCHEME DESIGN SHEET 2 OF 5						
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Jacobs No.	B36601F0		Rev P01			
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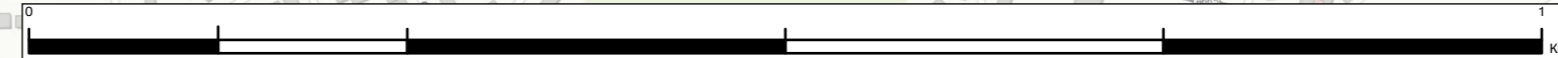
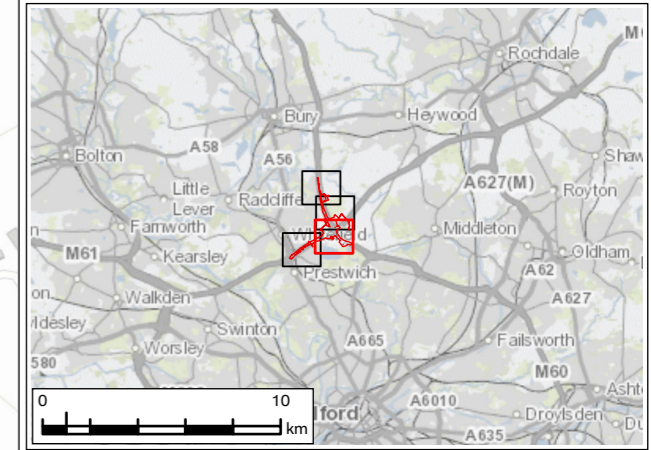




FIGURE 2.2

- Legend**
- Order Limits
 - Scheme design
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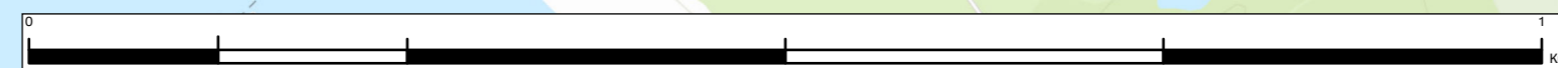


Project
REGIONAL DELIVERY PARTNERSHIP
M60/M62/M66 SIMISTER ISLAND INTERCHANGE

Drawing Title
ENVIRONMENTAL STATEMENT
SCHEME DESIGN
SHEET 3 OF 5

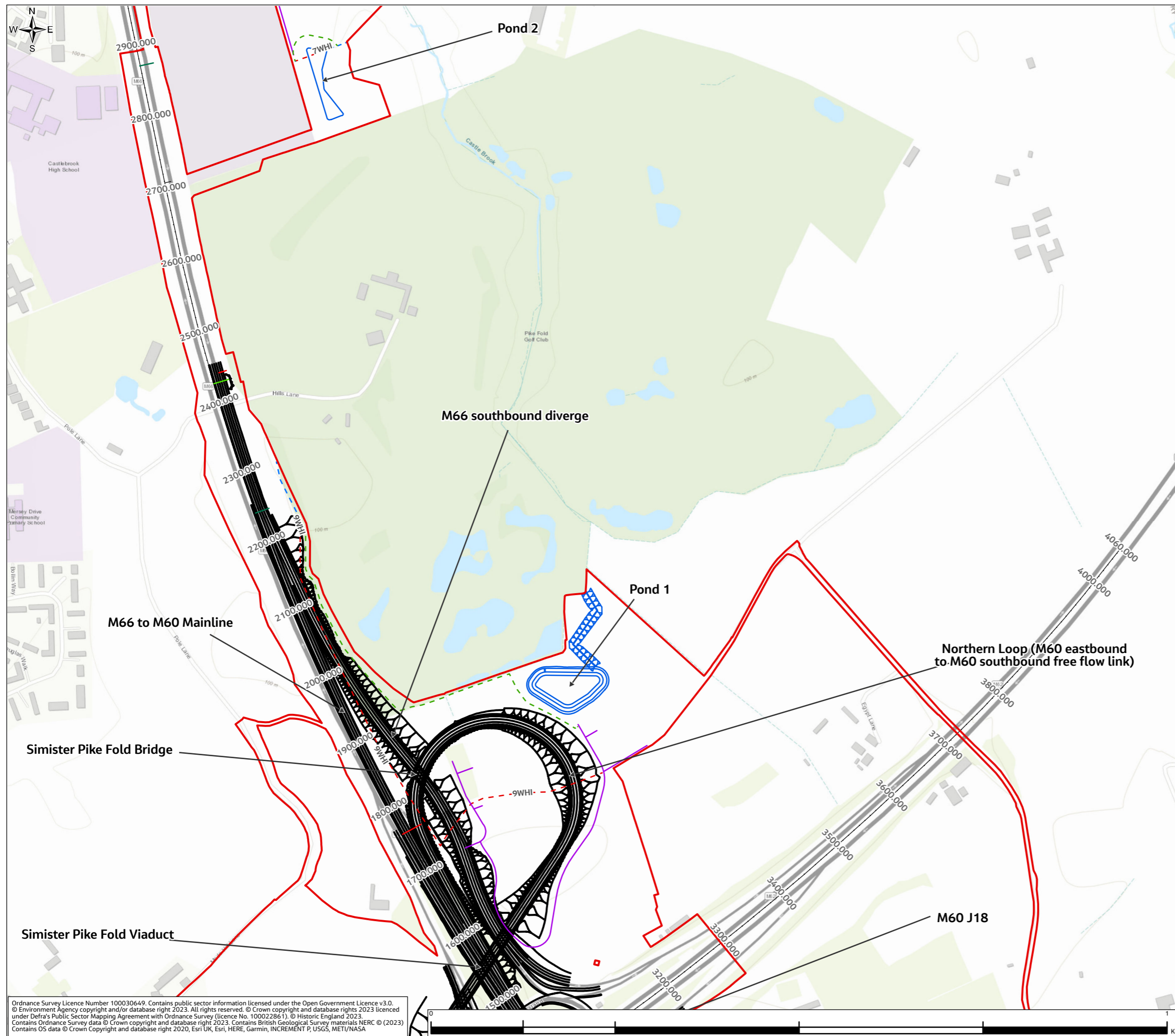
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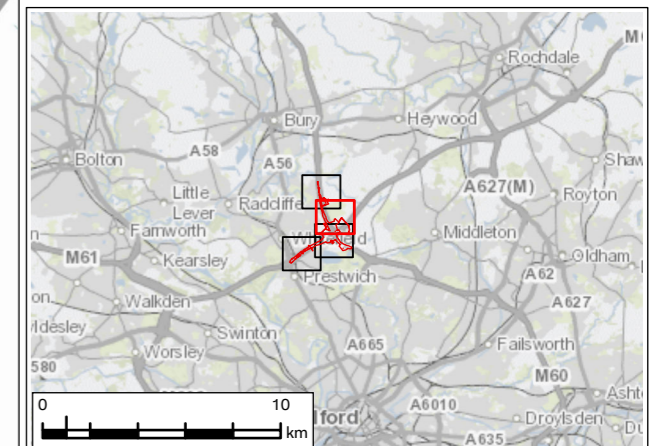
FIGURE 2.2



Legend

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M60/M62/M66 SIMISTER ISLAND INTERCHANGE**

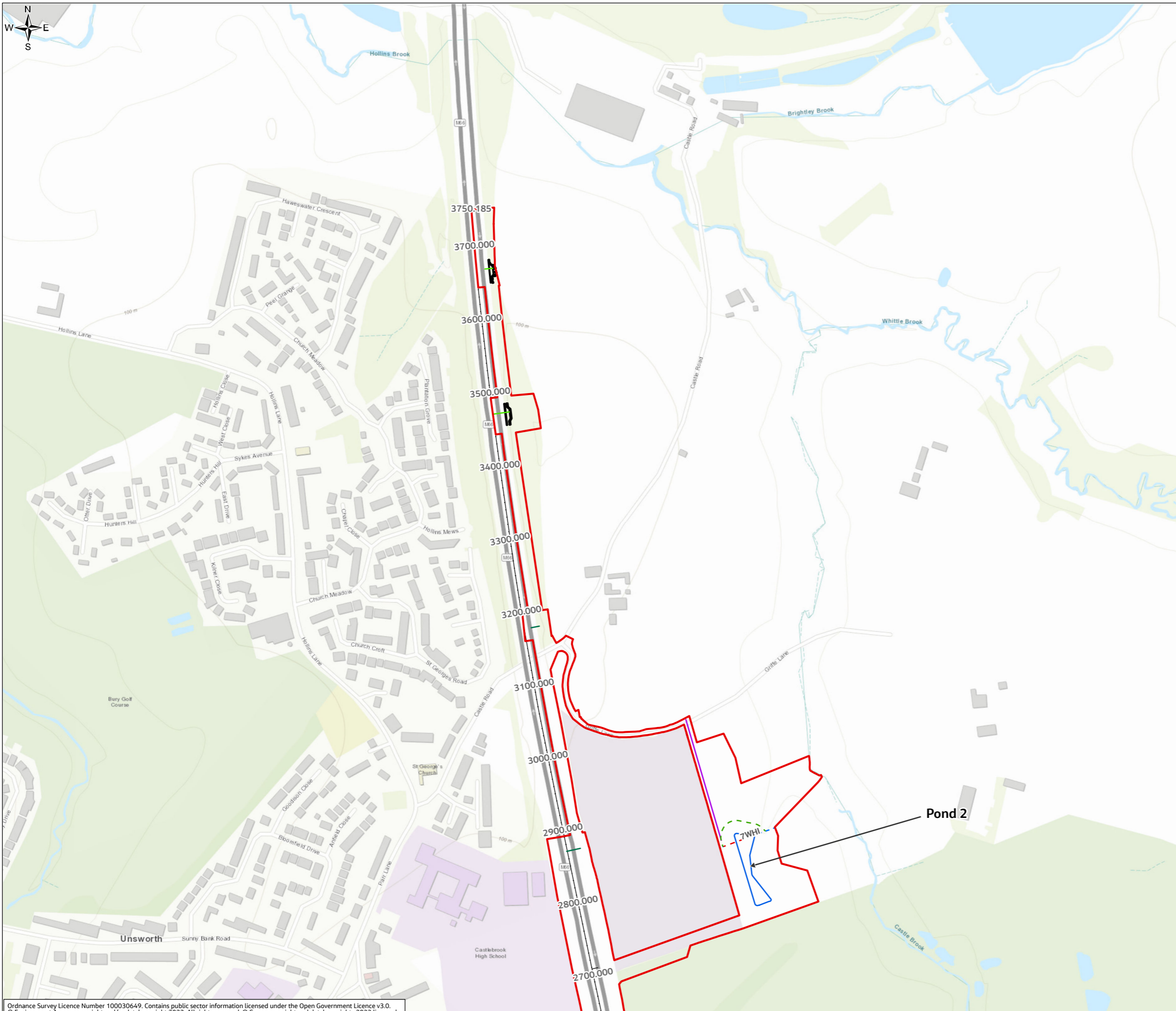
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**ENVIRONMENTAL STATEMENT
SCHEME DESIGN
SHEET 4 OF 5**

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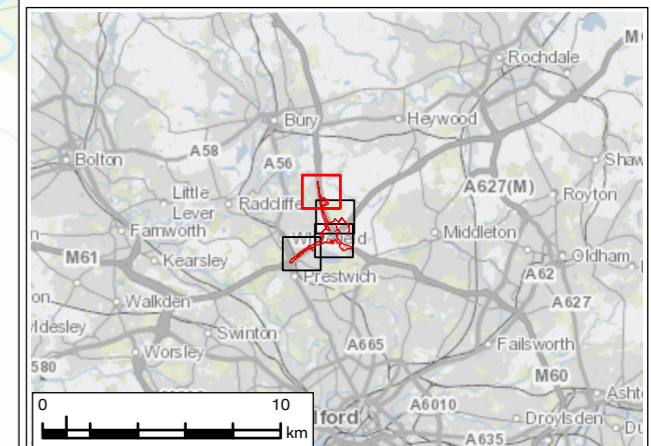
FIGURE 2.2



Legend

- Order Limits
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**REGIONAL DELIVERY PARTNERSHIP
M60/M62/M66 SIMISTER ISLAND INTERCHANGE**

Drawing Title

**ENVIRONMENTAL STATEMENT
SCHEME DESIGN
SHEET 5 OF 5**

Drawing Status

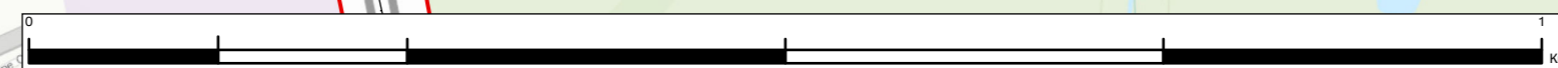
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Client No.	HE548642	P01

Drawing Number

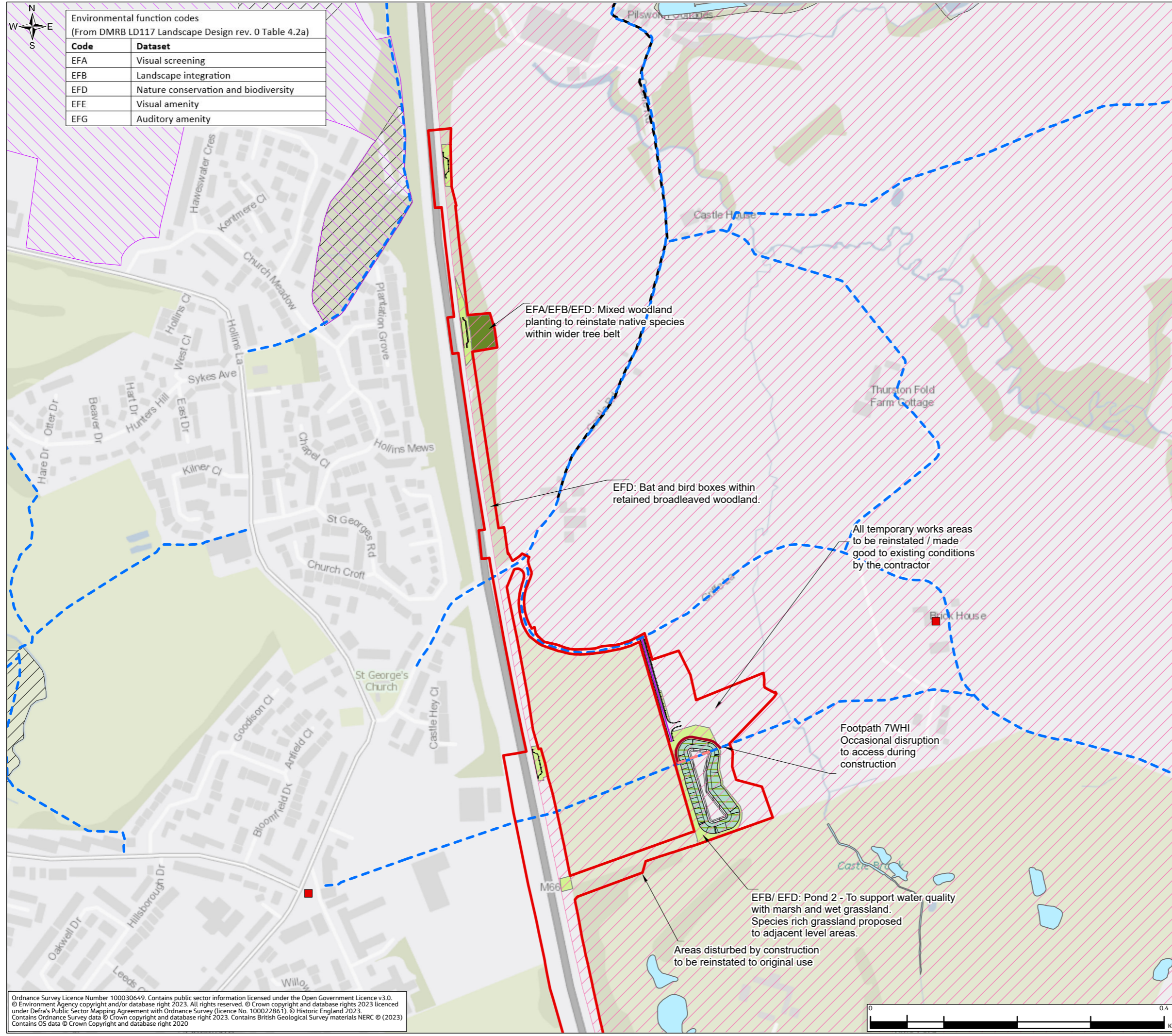
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FIGURE 2.3



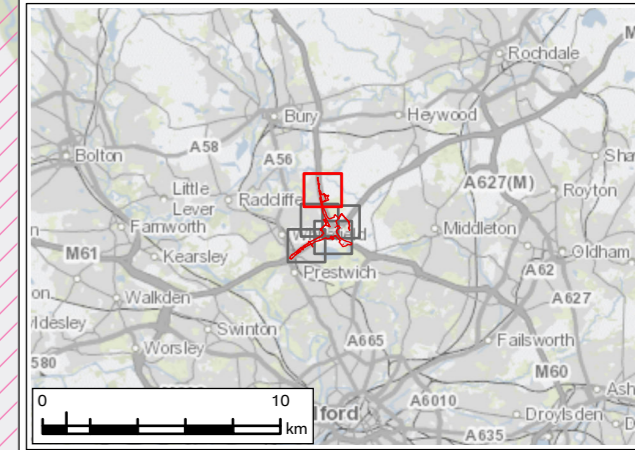
Environmental function codes
(From DMRB LD117 Landscape Design rev. 0 Table 4.2a)

Code	Dataset
EFA	Visual screening
EFB	Landscape integration
EFD	Nature conservation and biodiversity
EFE	Visual amenity
EFG	Auditory amenity

Legend

Order Limits	Design Public Right of Way Stopped Up
Scheme highway design	Realigned Public Right of Way
Existing	Maintenance Access
Listed Buildings	Indicative Ball Stop Fence
Local Cycle Routes	Indicative area for natural grading of levels
Public Right of Way	Marginal Planting
Special Landscape Area Bury UDP Policy EN 9/1	Mixed Woodland
Local Nature Reserve (LNR)	Species Rich Grassland
Open Water Features and Watercourses	Wet Grassland
Existing Vegetation to be retained and protected	Ponds and Swales
Site of Biological Importance (SBI)	

Notes
 1. All tree and shrub planting will be native species common to the area.
 2. Grassland will be species rich grassland suitable for the conditions and soil type.
 3. Areas identified for natural grading of levels in construction of the scheme to be determined subject to soils balance throughout the detailed design and construction of the Scheme.



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Project
 REGIONAL DELIVERY PARTNERSHIP
 M60/M62/M66 SIMISTER ISLAND INTERCHANGE

Drawing Title
 ENVIRONMENTAL STATEMENT
 ENVIRONMENTAL MASTERPLAN
 SHEET 1 OF 5

Drawing Status	S4 – SUITABLE FOR STAGED APPROVAL	
Scale @ A3	1:5,000	DO NOT SCALE
Jacobs No.	B36601F0	Rev P01
Client No.	HE548642	
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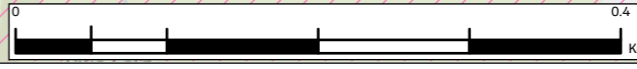
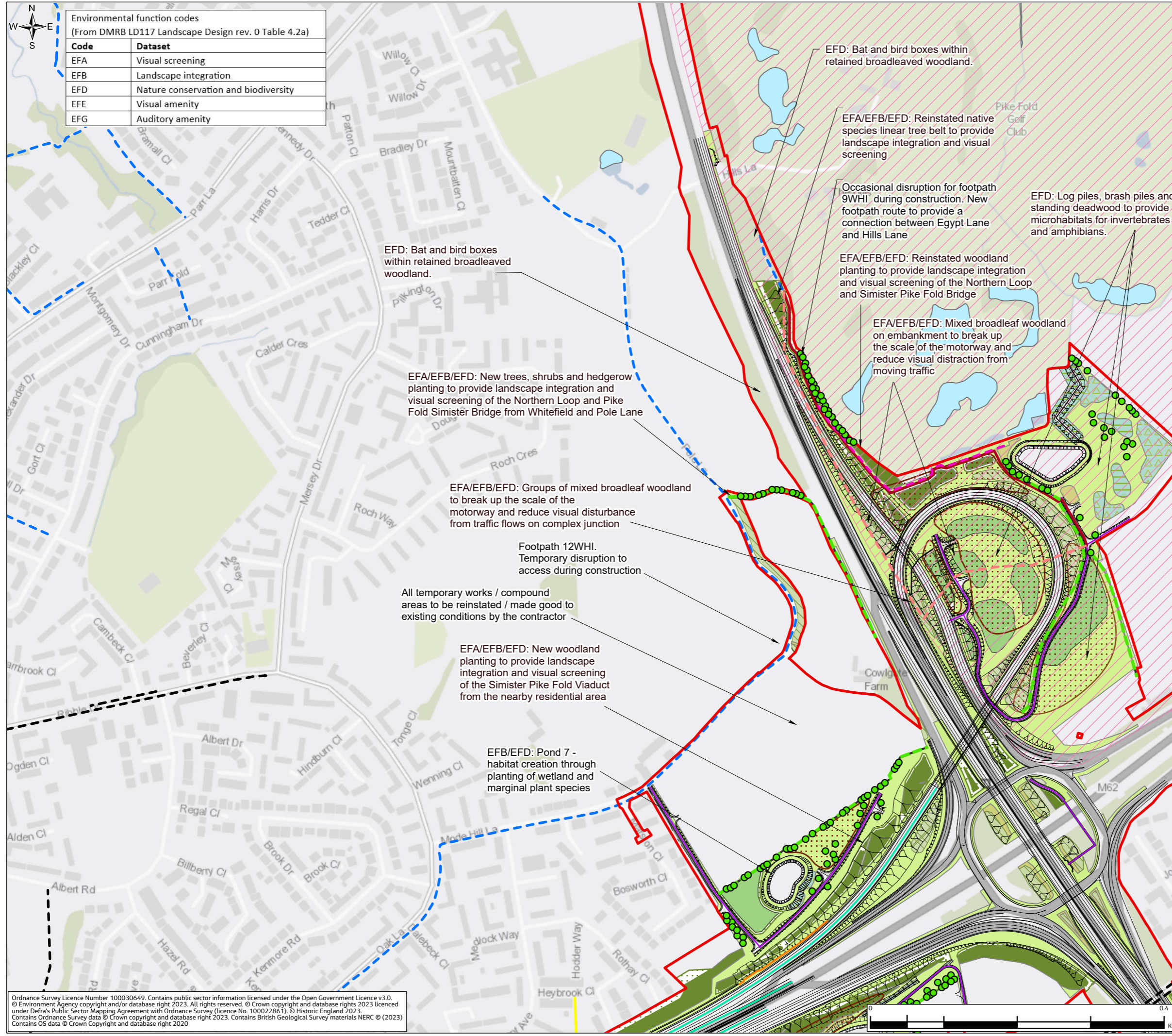


FIGURE 2.3



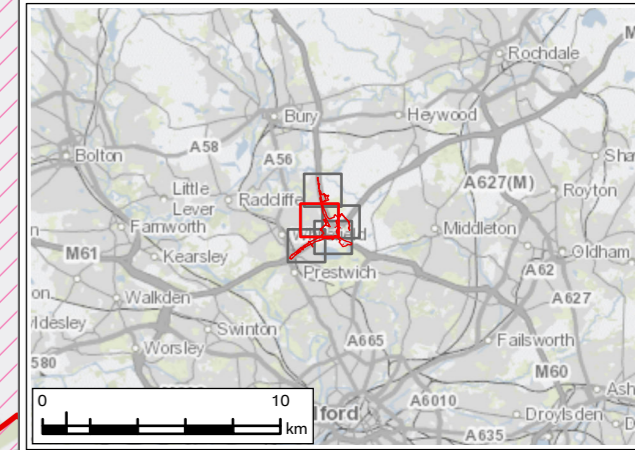
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(From DMRB LD117 Landscape Design rev. 0 Table 4.2a)

Code	Dataset
EFA	Visual screening
EFB	Landscape integration
EFD	Nature conservation and biodiversity
EFE	Visual amenity
EFG	Auditory amenity

Legend

Order Limits	Road surface with better noise reducing properties than a conventional Low Noise Surface
Scheme highway design	Individual Tree Deciduous
Existing	Mixed Hedgerows
Listed Buildings	Indicative area for natural grading of levels
Local Cycle Routes	Marginal Planting
Public Right of Way	Mixed Woodland
Permissive Path	Shrubs
Special Landscape Area Bury UDP Policy EN 9/1	Shrubs With Intermittent Trees
Open Water Features and Watercourses	Broadleaf Woodland
Existing Vegetation to be retained and protected	Wet Woodland
Site of Biological Importance (SBI)	Woodland Edge
Design	Open Grassland
Public Right of Way Stopped Up	Species Rich Grassland
Realigned Public Right of Way	Wet Grassland
Maintenance Access	Ponds and Swales
Noise Barriers	
Indicative Ball Stop Fence	

- Notes**
- All tree and shrub planting will be native species common to the area.
 - Grassland will be species rich grassland suitable for the conditions and soil type.
 - Areas identified for natural grading of levels in construction of the scheme to be determined subject to soils balance throughout the detailed design and construction of the Scheme.

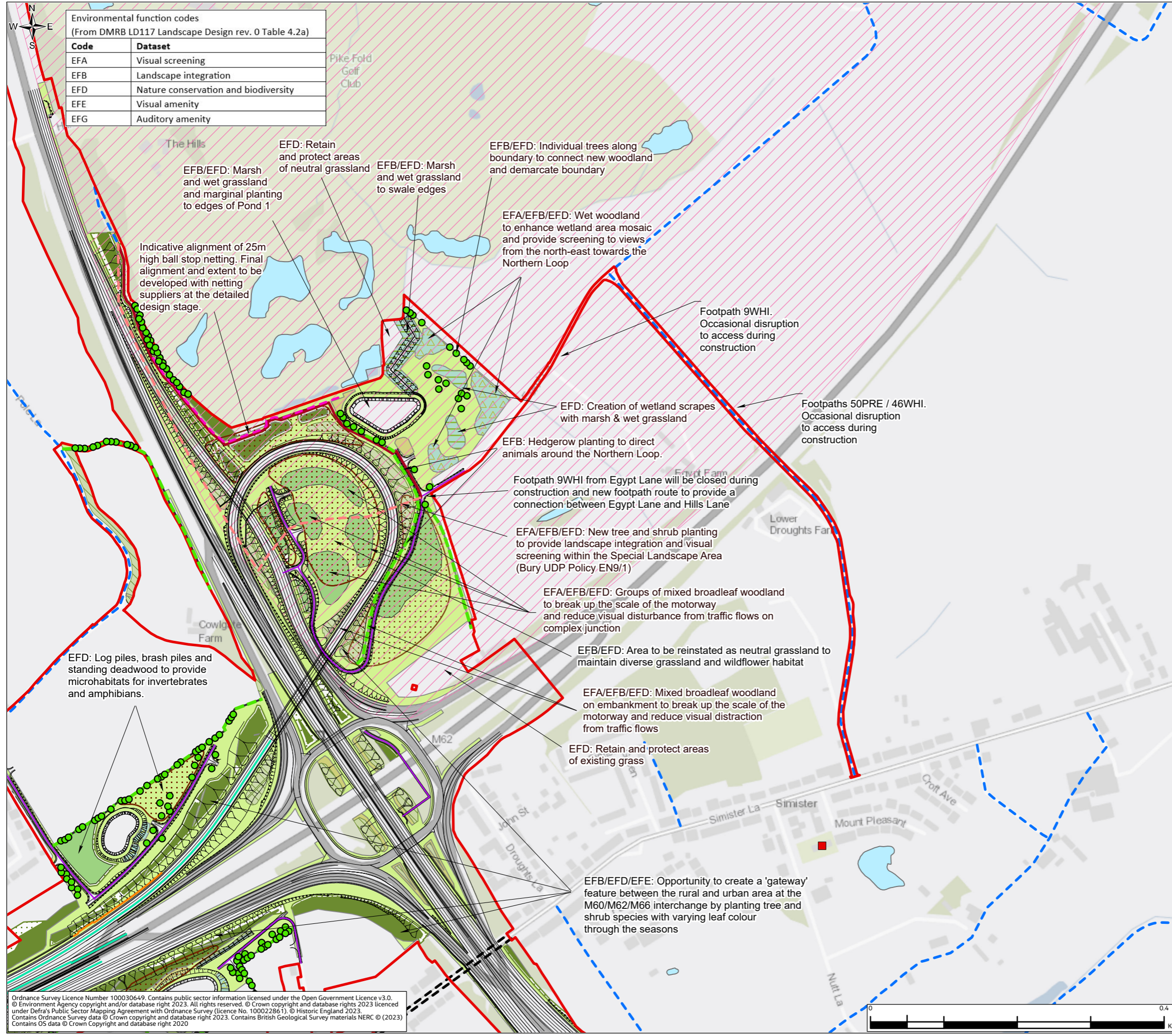


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Project: REGIONAL DELIVERY PARTNERSHIP M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing Title: ENVIRONMENTAL STATEMENT ENVIRONMENTAL MASTERPLAN SHEET 2 OF 5						
Drawing Status: S4 – SUITABLE FOR STAGED APPROVAL						
Scale @ A3: 1:5,000		DO NOT SCALE				
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FIGURE 2.3

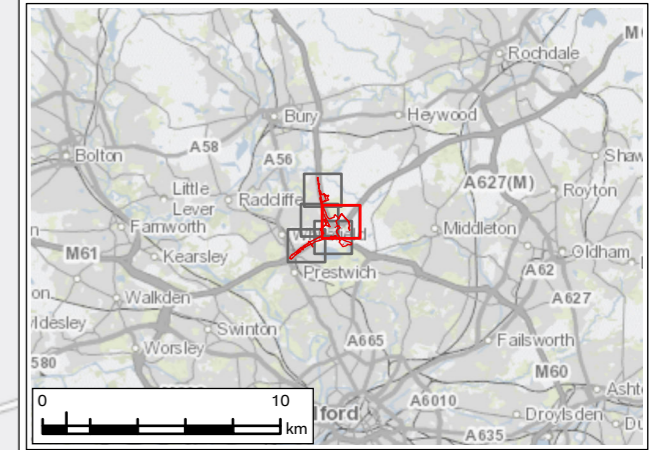


Legend

- Order Limits
- Scheme highway design
- Existing
 - Listed Buildings
 - Local Cycle Routes
 - Public Right of Way
 - Special Landscape Area Bury UDP Policy EN 9/1
 - Open Water Features and Watercourses
 - Existing Vegetation to be retained and protected
 - Site of Biological Importance (SBI)
- Design
 - Public Right of Way Stopped Up
 - Realigned Public Right of Way
 - Maintenance Access
 - Noise Barriers
 - Indicative Ball Stop Fence
 - Road surface with better noise reducing properties than a conventional Low Noise Surface
 - Individual Tree Deciduous
 - Mixed Hedgerows
 - Indicative area for natural grading of levels
 - Marginal Planting
 - Mixed Woodland
 - Shrubs
 - Shrubs With Intermittent Trees
 - Broadleaf Woodland
 - Wet Woodland
 - Woodland Edge
 - Open Grassland
 - Species Rich Grassland
 - Wet Grassland
 - Ponds and Swales

Notes

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FIGURE 2.3



Environmental function codes
(From DMRB LD117 Landscape Design rev. 0 Table 4.2a)

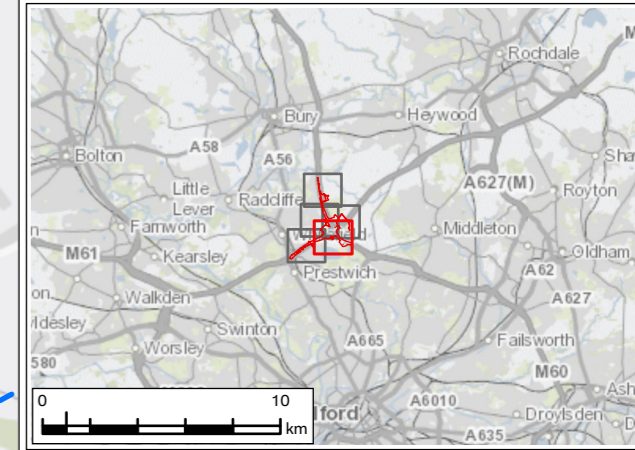
Code	Dataset
EFA	Visual screening
EFB	Landscape integration
EFD	Nature conservation and biodiversity
EFE	Visual amenity
EFG	Auditory amenity

Legend

- Order Limits:** Red outline
- Scheme highway design:** Grey lines
- Existing:**
 - Listed Buildings: Red square
 - Local Cycle Routes: Dashed black line
 - Public Right of Way: Blue dashed line
 - Permissive Path: Yellow dashed line
 - Special Landscape Area Bury UDP Policy EN 9/1: Pink hatched area
 - Open Water Features and Watercourses: Blue area
 - Existing Vegetation to be retained and protected: Green hatched area
 - Site of Biological Importance (SBI): Blue hatched area
- Design:**
 - Public Right of Way Stopped Up: Red dashed line
 - Realigned Public Right of Way: Red solid line
 - Maintenance Access: Purple dashed line
 - Noise Barriers: Orange dashed line
 - Indicative Ball Stop Fence: Pink dashed line
- Other Features:**
 - Road surface with better noise reducing properties than a conventional Low Noise Surface: Green dashed line
 - Individual Tree Deciduous: Green circle
 - Mixed Hedgerows: Green dashed line
 - Indicative area for natural grading of levels: Dotted pattern
 - Marginal Planting: Green hatched area
 - Mixed Woodland: Green hatched area
 - Shrubs: Green hatched area
 - Shrubs With Intermittent Trees: Green hatched area
 - Broadleaf Woodland: Green hatched area
 - Wet Woodland: Green hatched area
 - Woodland Edge: Green hatched area
 - Open Grassland: Green hatched area
 - Species Rich Grassland: Green hatched area
 - Wet Grassland: Green hatched area
 - Ponds and Swales: Blue area

Notes

- All tree and shrub planting will be native species common to the area.
- Grassland will be species rich grassland suitable for the conditions and soil type.
- Areas identified for natural grading of levels in construction of the scheme to be determined subject to soils balance throughout the detailed design and construction of the Scheme.



EFD: Log piles, brash piles and standing deadwood to provide microhabitats for invertebrates and amphibians.

EFD: Bat and bird boxes within retained broadleaved woodland.

EFA/EFB/EFD: Area to provide habitat links between areas of existing woodland

EFD: Log piles, brash piles and standing deadwood to provide microhabitats for invertebrates and amphibians.

Footpaths 28aPRE// 29aPRE. Occasional disruption to access during construction

EFA/EFB/EFD: Reinstatement of linear tree belts along the highways verge to provide landscape integration and visual screening

EFB/EFD: Pond 4: habitat creation through planting of marginal plant species. Species rich grassland on adjacent level areas and slopes with native shrub planting

EFD: Drainage swales to be planted with native wetland species

EFB/EFD: Neutral grassland reinstated to maintain diverse grassland and wildflower habitat

EFB/EFD: Individual tree planting to gaps in existing hedgerow

EFB/EFD: Wetland creation through scrapes/ seasonal pools, marsh and wet-grassland

EFB/EFD: Wet woodland creation to increase wetland habitat

EFD: Bat and bird boxes within retained broadleaved woodland.

EFD: Bat and bird boxes within retained broadleaved woodland.

EFD: Retain and protect remnant important Hedgerow and respect Root Protection Areas of adjacent woodland

EFB/EFD: Pond 5: habitat creation through planting of marginal plant species. Species rich grassland on adjacent level areas and slopes with mixed broadleaf woodland planting

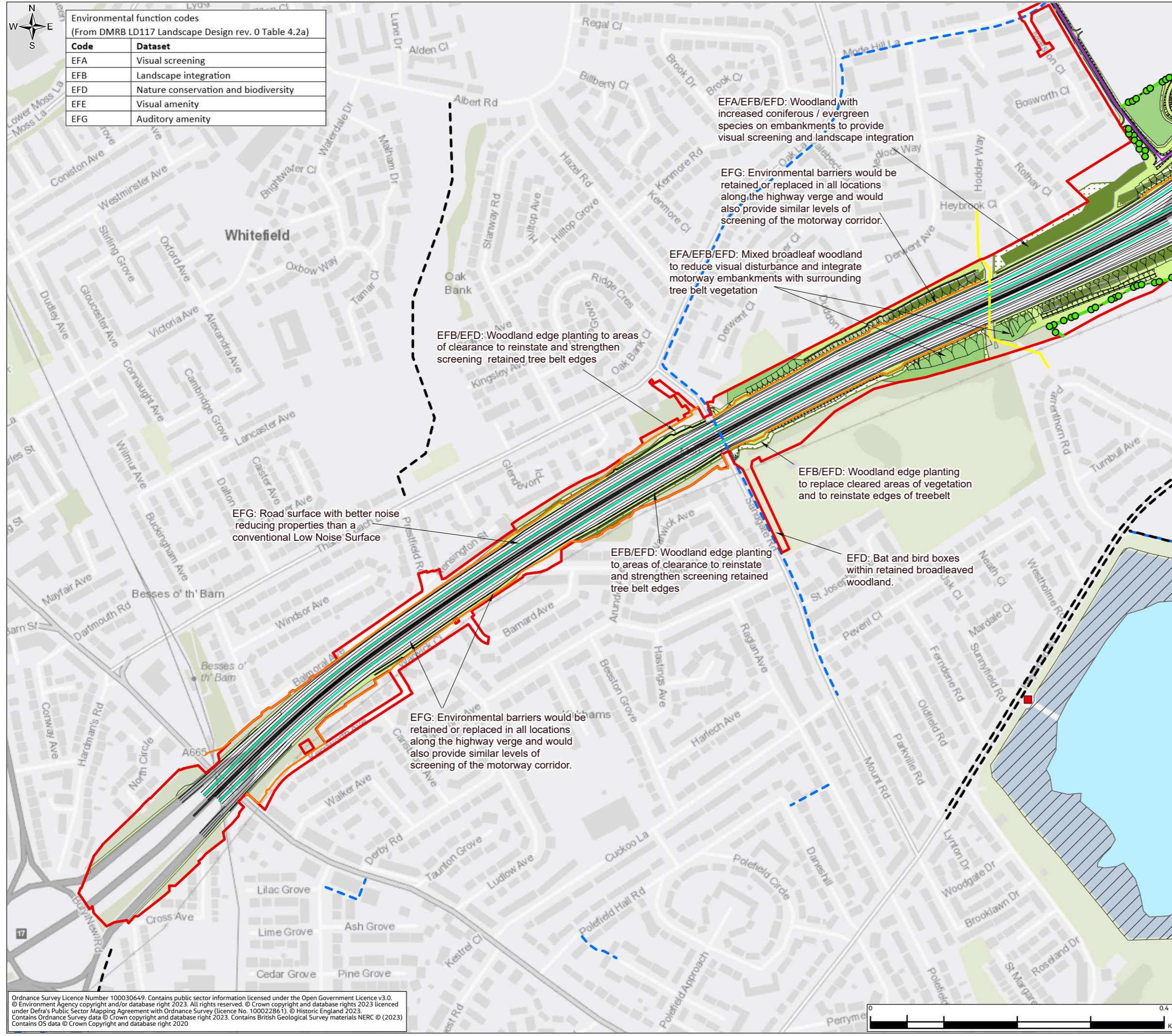
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Client:						
Project: REGIONAL DELIVERY PARTNERSHIP M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing Title: ENVIRONMENTAL STATEMENT ENVIRONMENTAL MASTERPLAN SHEET 4 OF 5						
Drawing Status: S4 – SUITABLE FOR STAGED APPROVAL						
Scale @ A3		1:5,000	DO NOT SCALE			
Jacobs No.		B36601F0	Rev P01			
Client No.		HE548642				
Drawing Number: HE548642-JAC-LDC-SII_MLT-SK-LE-0004						

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FIGURE 2.3

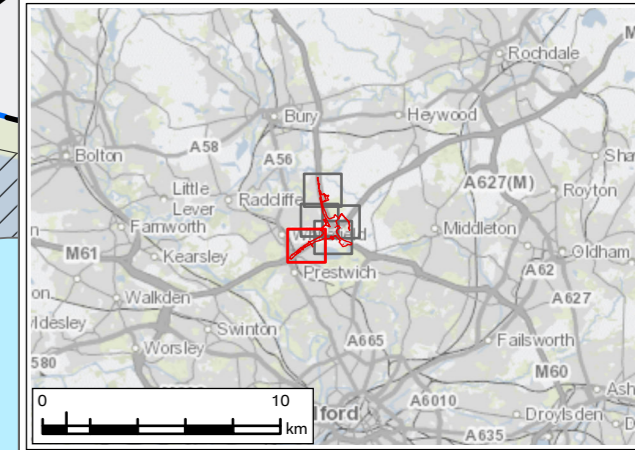


Legend

- Order Limits
- Scheme highway design
- Existing
 - Listed Buildings
 - Local Cycle Routes
 - Public Right of Way
 - Permissive Path
 - Open Water Features and Watercourses
 - Existing Vegetation to be retained and protected
 - Site of Biological Importance (SBI)
- Design
 - Public Right of Way Stopped Up
 - Realigned Public Right of Way
 - Maintenance Access
 - Noise Barriers
 - Indicative Ball Stop Fence
 - Road surface with better noise reducing properties than a conventional Low Noise Surface
 - Individual Tree Deciduous
 - Mixed Hedgerows
 - Indicative area for natural grading of levels
 - Marginal Planting
 - Mixed Woodland
 - Shrubs With Intermittent Trees
 - Broadleaf Woodland
 - Woodland Edge
 - Open Grassland
 - Species Rich Grassland
 - Ponds and Swales

Notes

- All tree and shrub planting will be native species common to the area.
- Grassland will be species rich grassland suitable for the conditions and soil type.
- Areas identified for natural grading of levels in construction of the scheme to be determined subject to soils balance throughout the detailed design and construction of the Scheme.

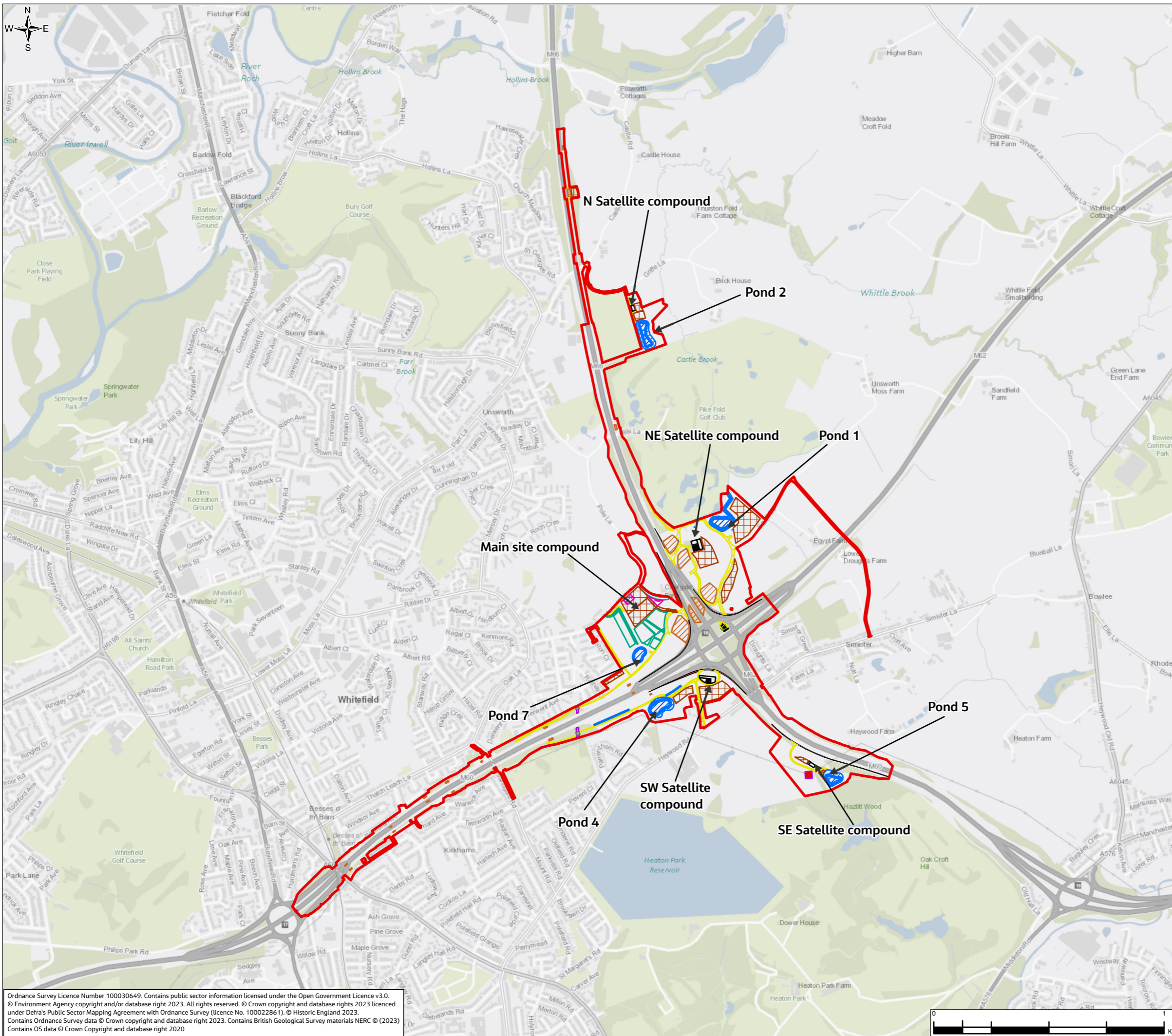


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Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
Development Consent Order Number: TR010064			Development Consent Order Drawing Number: 6.2			
Project REGIONAL DELIVERY PARTNERSHIP M60/M62/M66 SIMISTER ISLAND INTERCHANGE						
Drawing Title ENVIRONMENTAL STATEMENT ENVIRONMENTAL MASTERPLAN SHEET 5 OF 5						
Drawing Status S4 – SUITABLE FOR STAGED APPROVAL						
Scale @ A3		1:5,000	DO NOT SCALE			
Jacobs No.		B36601F0	Rev P01			
Client No.		HE548642				
Drawing Number		HE548642-JAC-LDC-SII_MLT-SK-LE-0004				

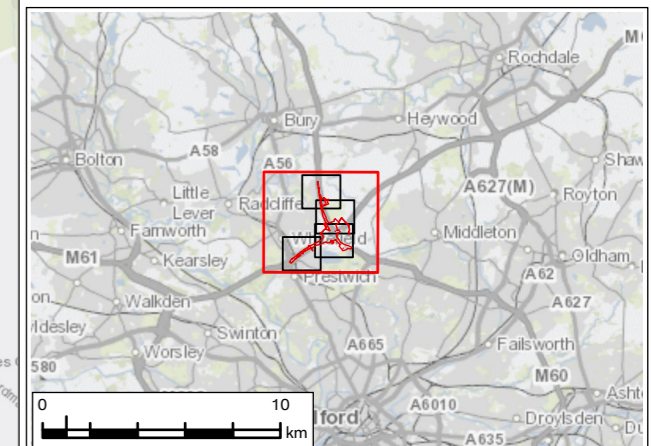
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FIGURE 2.4



- Legend**
- Order Limits
 - Temporary Works**
 - Concrete protection slab
 - Main compound
 - Material Storage Area
 - Permanent drainage features
 - Statutory Utility Exclusion Zone
 - Satellite compounds
 - Stockpile areas
 - Structures temporary working area
 - Temporary Haul Routes
 - Traffic Management
 - Parking Spaces



P02	MAR 24	For DCO application	LT	MS	JR	BB
Rev.	Rev. Date	Purpose of revision	Drawn	Check'd	Rev'd	Appr'd
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Project
REGIONAL DELIVERY PARTNERSHIP
M60/M62/M66 SIMISTER ISLAND INTERCHANGE

Drawing Title
ENVIRONMENTAL STATEMENT
TEMPORARY WORKS
SHEET 1 OF 5

Drawing Status
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Client No.	HE548642	P01

Drawing Number
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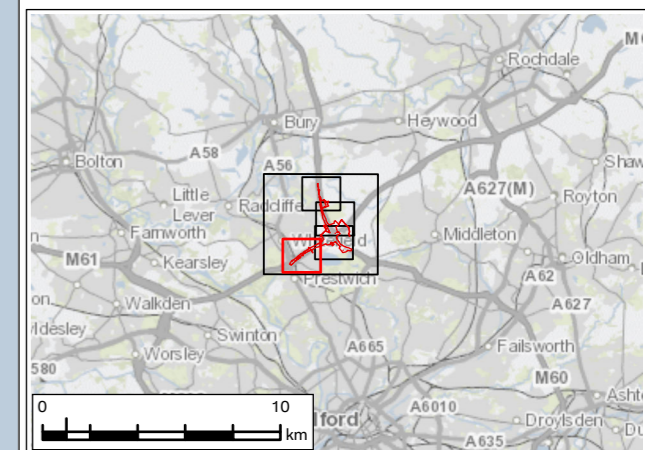
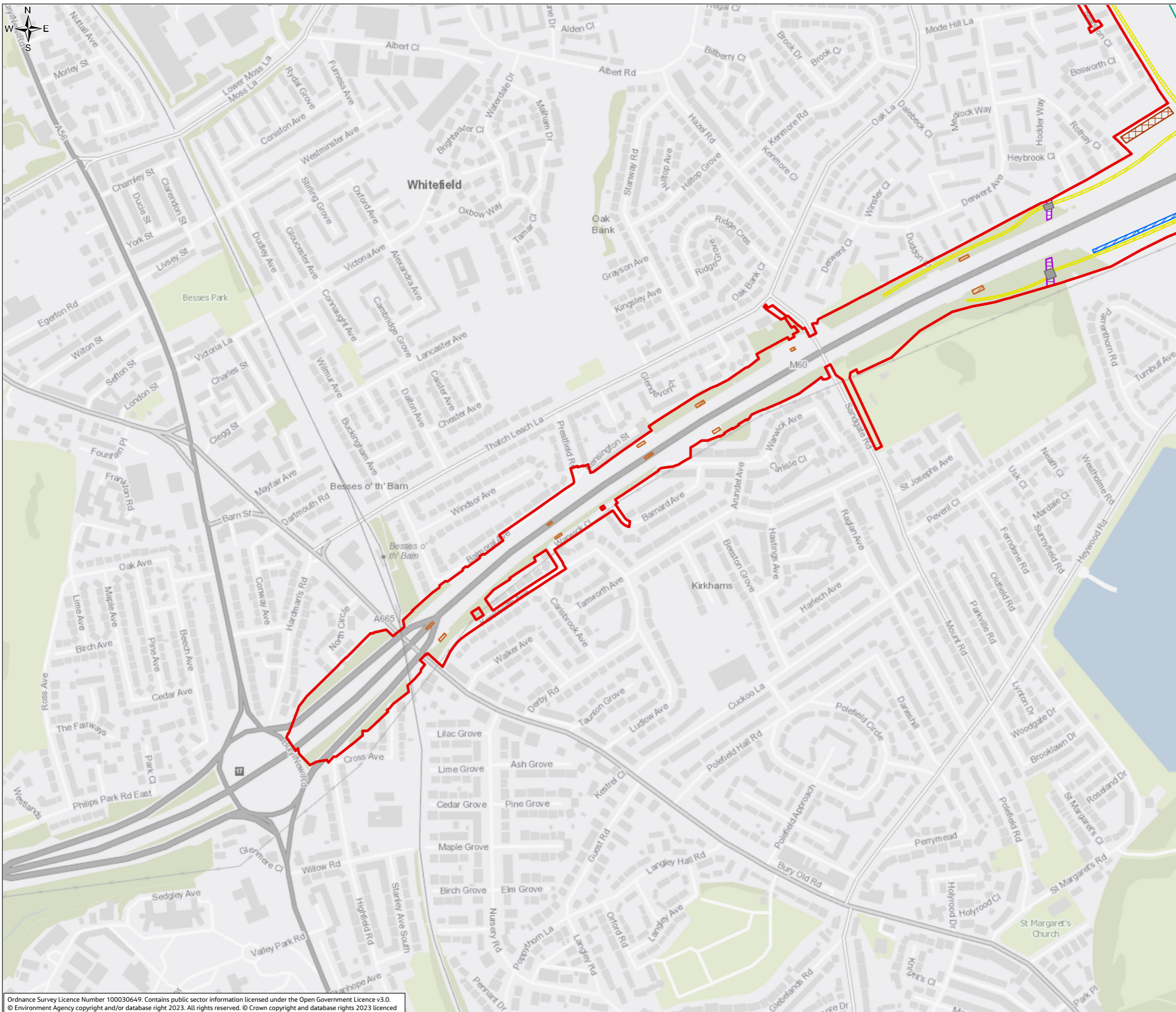
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FIGURE 2.4

Legend

- Order Limits
- Temporary Works**
- Concrete protection slab
- Main compound
- Material Storage Area
- Permanent drainage features
- Statutory Utility Exclusion Zone
- Satellite compounds
- Stockpile areas
- Structures temporary working area
- Temporary Haul Routes
- Traffic Management
- Parking Spaces



P02	MAR 24	For DCO application	LT	MS	JR	BB
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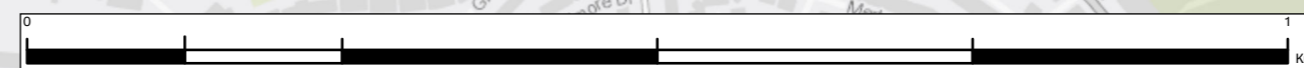
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 SHEET 2 OF 5

Drawing Status
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Client No.	HE548642	P01

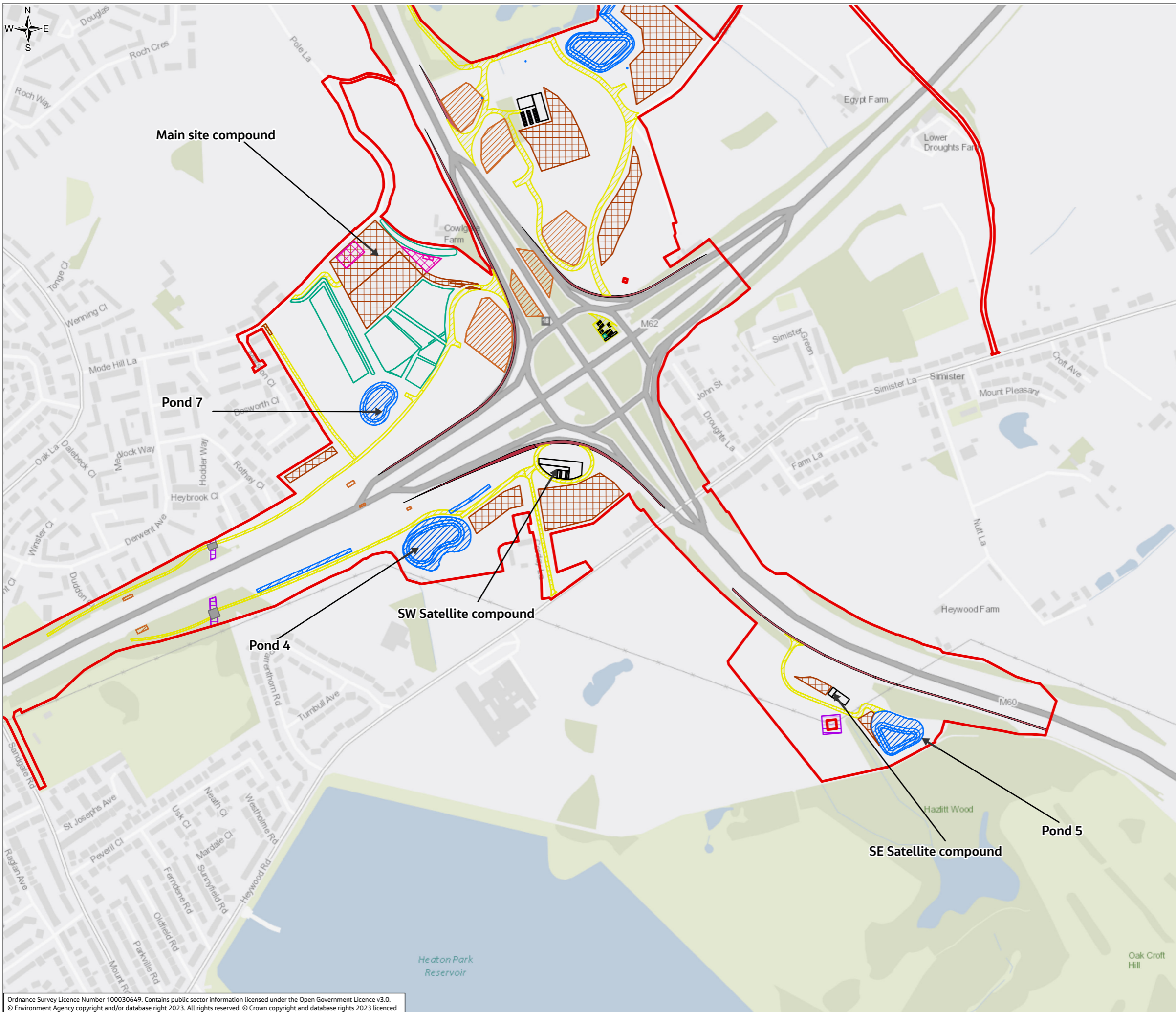
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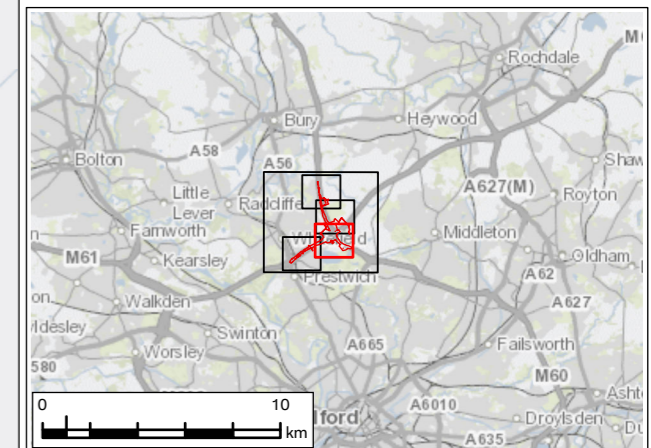


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FIGURE 2.4



- Legend**
- Order Limits
 - Temporary Works**
 - Concrete protection slab
 - Main compound
 - Material Storage Area
 - Permanent drainage features
 - Statutory Utility Exclusion Zone
 - Satellite compounds
 - Stockpile areas
 - Structures temporary working area
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 - Parking Spaces



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SHEET 3 OF 5

Drawing Status
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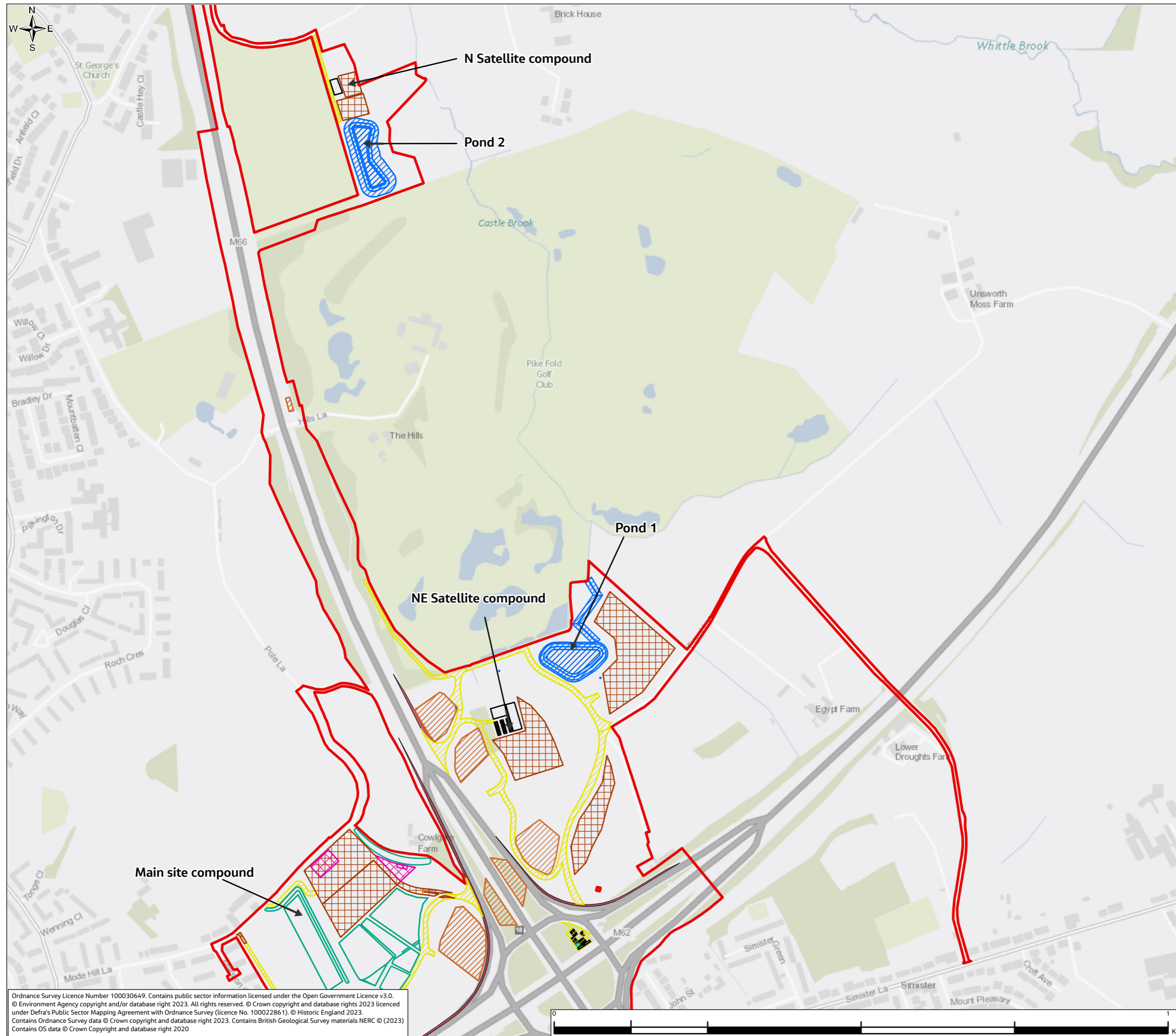
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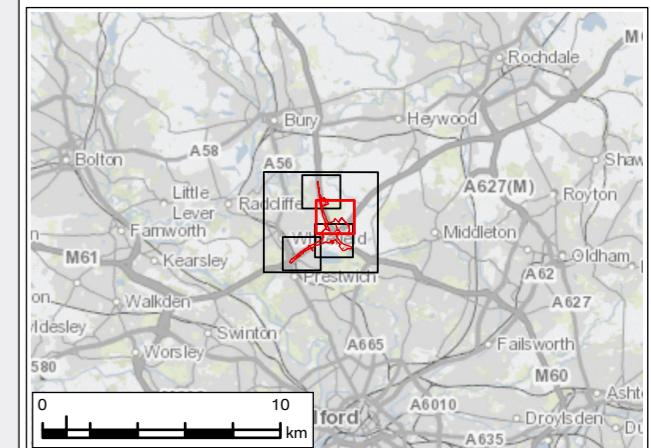


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FIGURE 2.4



- Legend**
- Order Limits
 - Temporary Works**
 - Concrete protection slab
 - Main compound
 - Material Storage Area
 - Permanent drainage features
 - Statutory Utility Exclusion Zone
 - Satellite compounds
 - Stockpile areas
 - Structures temporary working area
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**ENVIRONMENTAL STATEMENT
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SHEET 4 OF 5**

Drawing Status
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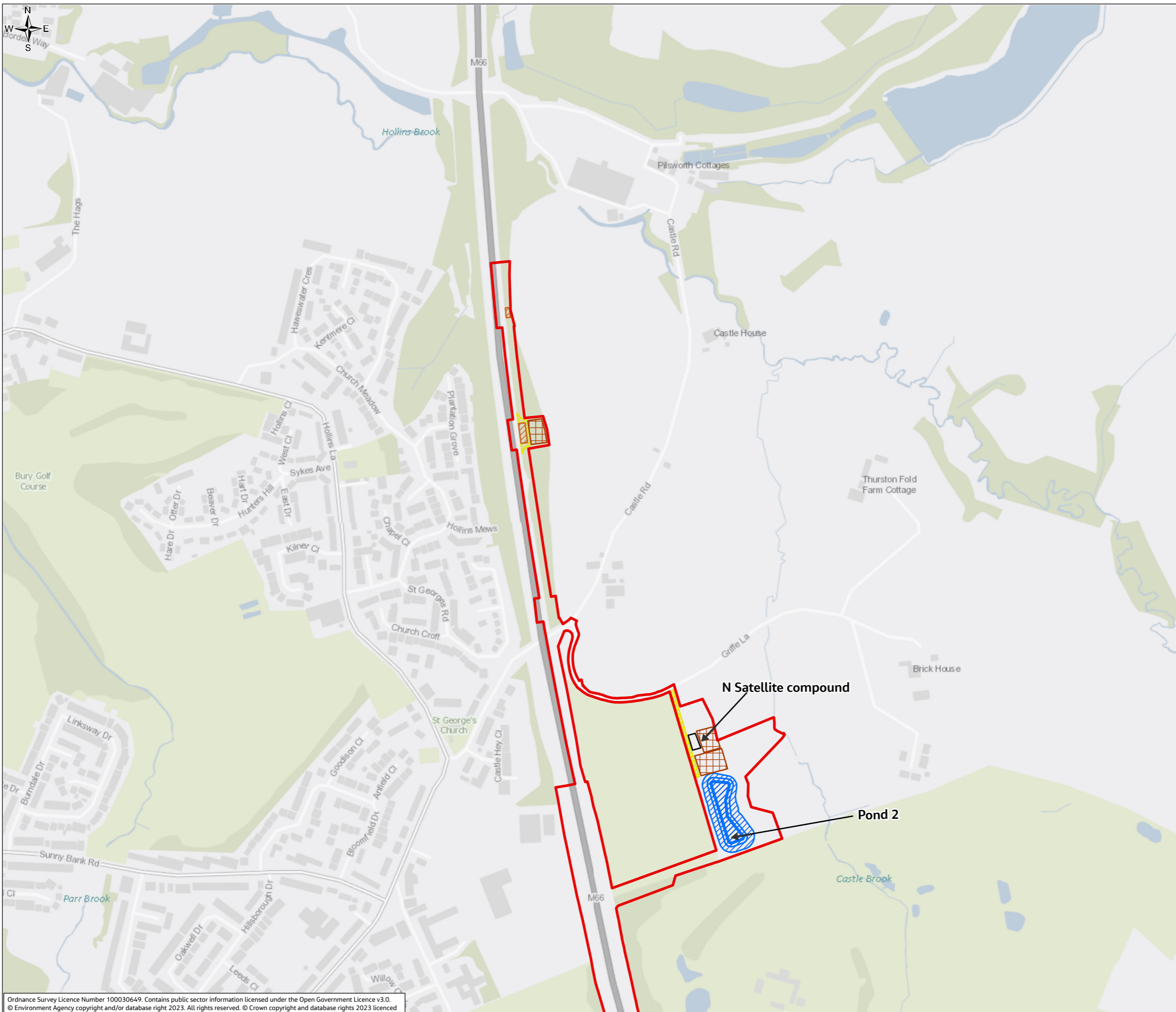
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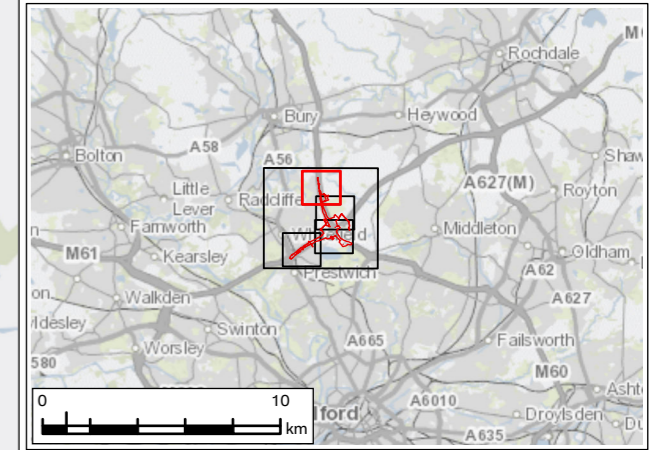
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FIGURE 2.4



- Legend**
- Order Limits
 - Temporary Works**
 - Concrete protection slab
 - Main compound
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 - Permanent drainage features
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PO2	MAR 24	For DCO application	LT	MS	JR	BB
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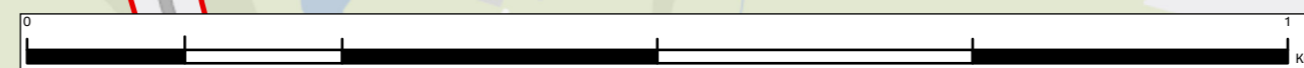
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Drawing Title

**ENVIRONMENTAL STATEMENT
TEMPORARY WORKS
SHEET 5 OF 5**

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Drawing Number	HE548642-JAC-LDC-SII_MLT-SK-LE-0005	

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