

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

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EXCEPTIONAL RISKS RELATING TO THE WORKS ASSOCIATED WITH THIS DRAWING ARE IDENTIFIED BELOW.

CONSTRUCTION

MAINTENANCE / OPERATION / DECOMMISSIONING / DEMOLITION

Legend

- The Scheme
- Order limits
- Potential change to order limits
- Proposed site compound location
- Existing woodland for retention
- Existing ancient woodland for retention and enhancement
- Veteran trees
- Existing ponds
- Existing watercourse - open (subject to enhancements)
- Existing watercourse - culvert
- Existing PRoW - footpath
- Existing PRoW - bridleway

Proposed Mitigation

- Proposed ancient woodland compensation woodland - EFD
- Proposed species rich grassland (LE1.3) - EFB / EFD
- Proposed amenity grassland (LE1.1) - EFB
- Proposed woodland (LE2.1) - EFB / EFD
- Proposed woodland (LE2.1) - EFA
- Proposed native species hedgerow (LE4.3) - EFB / EFD
- Proposed native species hedgerow (LE4.3) - EFA
- Proposed individual trees (LE5.1) - EFB
- False cutting - EFA / EFG
- Existing watercourse - diverted - EFH
- Proposed drainage ponds EFH
- Diverted watercourse - culvert - EFH
- Proposed ditch - EFH
- Proposed noise barrier - EFG
- PRoW / footway removal
- Proposed PRoW - Footpath
- Proposed PRoW - Bridleway
- Proposed shared footpath / cycleway

Ecology

- Proposed area for ecology pond - EFD
- Proposed mammal tunnels - EFD

Planned Environmental Objectives

- LEA Visual screening
- LEB Landscape integration
- LEP Nature conservation and biodiversity
- LEQ1 Water quality
- LEQ2 Auditory amenity

Any areas of white would be returned to their current state post construction if they are disturbed during construction.

Changes to order limits indicated, rescaled to 1:5000 & notes amended following HE comments

NW	AS	21.08.2020	P13
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Updates to mitigation design following ecology net gain calculations and highway design changes

RW	NW	18.08.2020	P12
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Revision Details

By	Check	Date	Suffix
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Purpose of issue

INFORM CONSULTATION ON SCHEME CHANGES: AUG/SEP 2020

Client

Highways England
 Major Projects
 The Colde
 199 Wharfside Street
 Birmingham
 B1 1RN

Development Consent Order Number

TR010054

Project Title

M54 to M6 Link Road

Drawing Title

**FIGURE 2.1
 DRAFT ENVIRONMENTAL
 MASTERPLAN OVERVIEW
 REVISION OF APP-057**

Designed	Drawn	Checked	Approved	Date
NW	LB	RW	TP	21.08.2020

Internal Project No. 60536736

Suitability S8

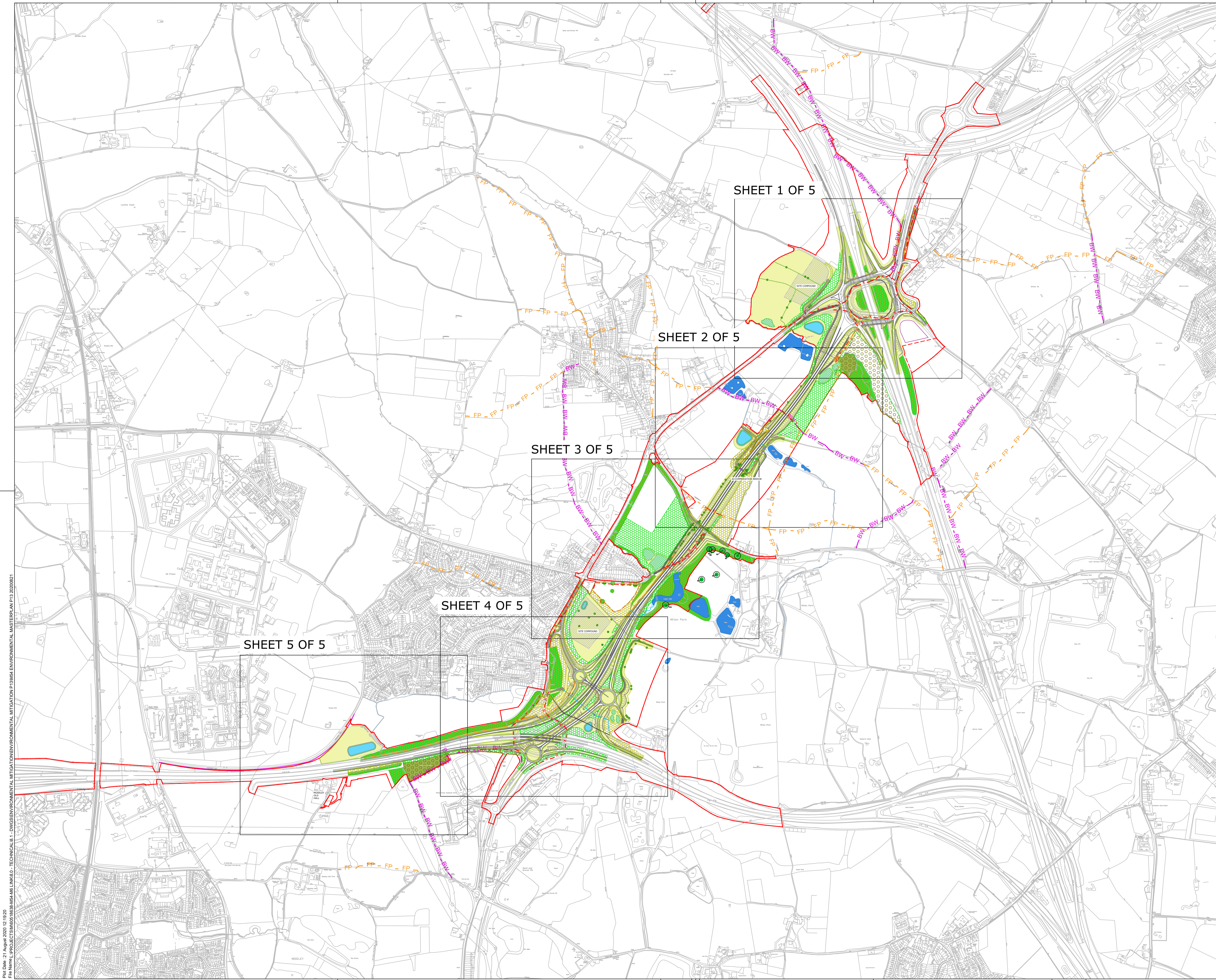
Scale @ A1 Zone Highways General

1:5000

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Drawing Number	Highways England PIN	1 Originator	1 Volume	Rev
HE514465	-ACM	-ELS	-0001	P13
M54	Location	1 Type	1 Role	1 Number

Plot Date: 21 August 2020 12:18:09
 File Name: L:\PROJECTS\TR010054\M54-M6 LINKS.D - TECHNICALS - DIVISION ENVIRONMENTAL MITIGATION\1-DIVISION ENVIRONMENTAL MITIGATION MASTERPLAN P13 20200821



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- EFD Nature conservation and biodiversity
- EFH Water quality
- LEG Auditory amenity

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Changes to order limits indicated following HE comments	RW	AS	21.08.2020	P13
Updates to mitigation design following ecology net gain calculations and highway design changes	RW <td>NW <td>18.08.2020</td> <td>P12</td> </td>	NW <td>18.08.2020</td> <td>P12</td>	18.08.2020	P12

Revision Details	By	Check	Date	Suffix

Purpose of issue
INFORM CONSULTATION ON SCHEME CHANGES: AUG/SEP 2020

Client
Highways England
Major Projects
The Cube
199 Wharfside Street
Birmingham
B1 1RN

Development Consent Order Number
TR010054

Project Title
M54 to M6 Link Road

Drawing Title
FIGURE 2.2
DRAFT ENVIRONMENTAL
MASTERPLAN KEYPLAN
REVISION OF APP-057

Designed	Drawn	Checked	Approved	Date
NW	LB	RW	TP	21.08.2020

Internal Project No.	Suitability
60536736	S8

Scale @ A1	Zone
1:8000	Highways General

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Drawing Number	Highways England PIN	Originator	I Volume	Rev
HE514465	-ACM	-ELS	-	P12

Location	I Type	I Role	I Number
M54	-SWR	-0002	

File Name: L:\PROJECTS\60536736\M54\LINKS\0 - TECHNICALS\1 - DWS\ENVIRONMENTAL MITIGATION\11 DWS\ENVIRONMENTAL MASTERPLAN P13 20200821
 File Date: 21 August 2020 12:19:20



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

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Ecology

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Planned Environmental Objectives

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Revision Details	By	Check	Date	Suffix
Changes to order limits indicated following HE comments	RW	AS	21.08.2020	P13
Updates to mitigation design following ecology net gain calculations and highway design changes	RW	NW	18.08.2020	P12

Purpose of issue
INFORM CONSULTATION ON SCHEME CHANGES: AUG/SEP 2020

Client
Highways England
Major Projects
The Cider
199 Wharfedale Street
Birmingham
B1 1RN

Development Consent Order Number
TR010054

Project Title
M54 to M6 Link Road

Drawing Title
**FIGURE 2.3
DRAFT ENVIRONMENTAL
MASTERPLAN SHEET 1 OF 5
REVISION OF APP-057**

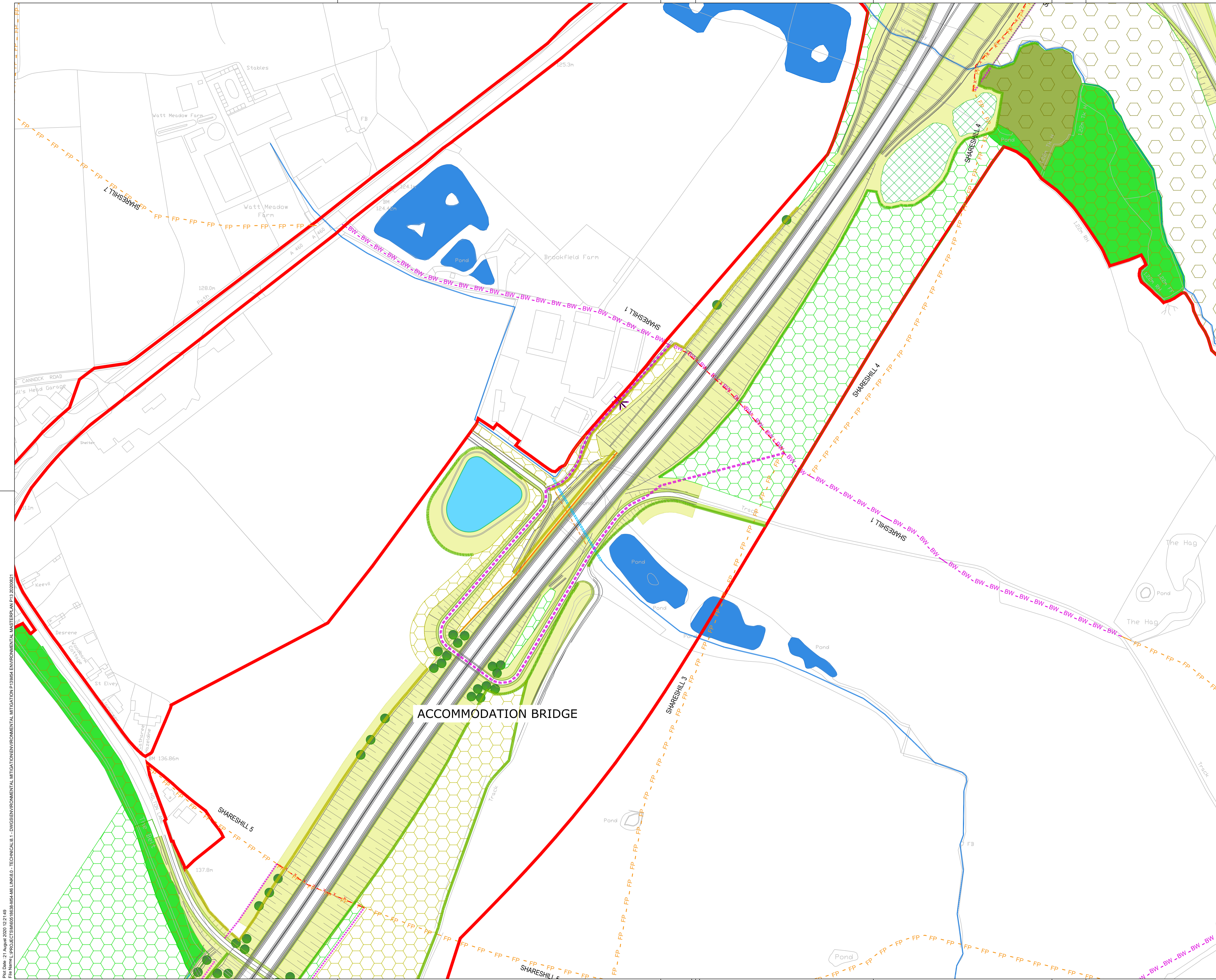
Designed	Drawn	Checked	Approved	Date
NW	LB	RW	TP	21.08.2020

Internal Project No. 00536736
Sustainability S8
Scale @ A1 1:1500
Zone Highways General

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Drawing Number	Highways England PIN	Originator	I Volume	Rev
HE514465	-ACM	-ELS	-	P12
M54		-SW-R	-0003	
Location		I Type	I Role	I Number

Plot Date: 21 August 2020 12:20:27
 File Name: L:\PROJECTS\M54\M54-ACM-TECHNICALS-1-DWG\ENVIRONMENTAL MITIGATION\MASTERPLAN P13 20200821



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Ecology

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Planned Environmental Objectives

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- EFB Landscape integration
- EFD Nature conservation and biodiversity
- EFH Water quality
- EFG Auditory amenity

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Changes to order limits indicated following HE comments	RW	AS	21.08.2020	P013
Updates to mitigation design following ecology net gain calculations and highway design changes	RW	NW	18.08.2020	P12

Revision Details

By	Check	Date	Suffix

Purpose of issue

INFORM CONSULTATION ON SCHEME CHANGES: AUG/SEP 2020

Client
Highways England
Major Projects
The Cade
199 Wharfedale Street
Birmingham
B1 1RN

Development Consent Order Number
TR010054

Project Title
M54 to M6 Link Road

Drawing Title
FIGURE 2.4
DRAFT ENVIRONMENTAL
MASTERPLAN SHEET 2 OF 5
REVISION OF APP-057

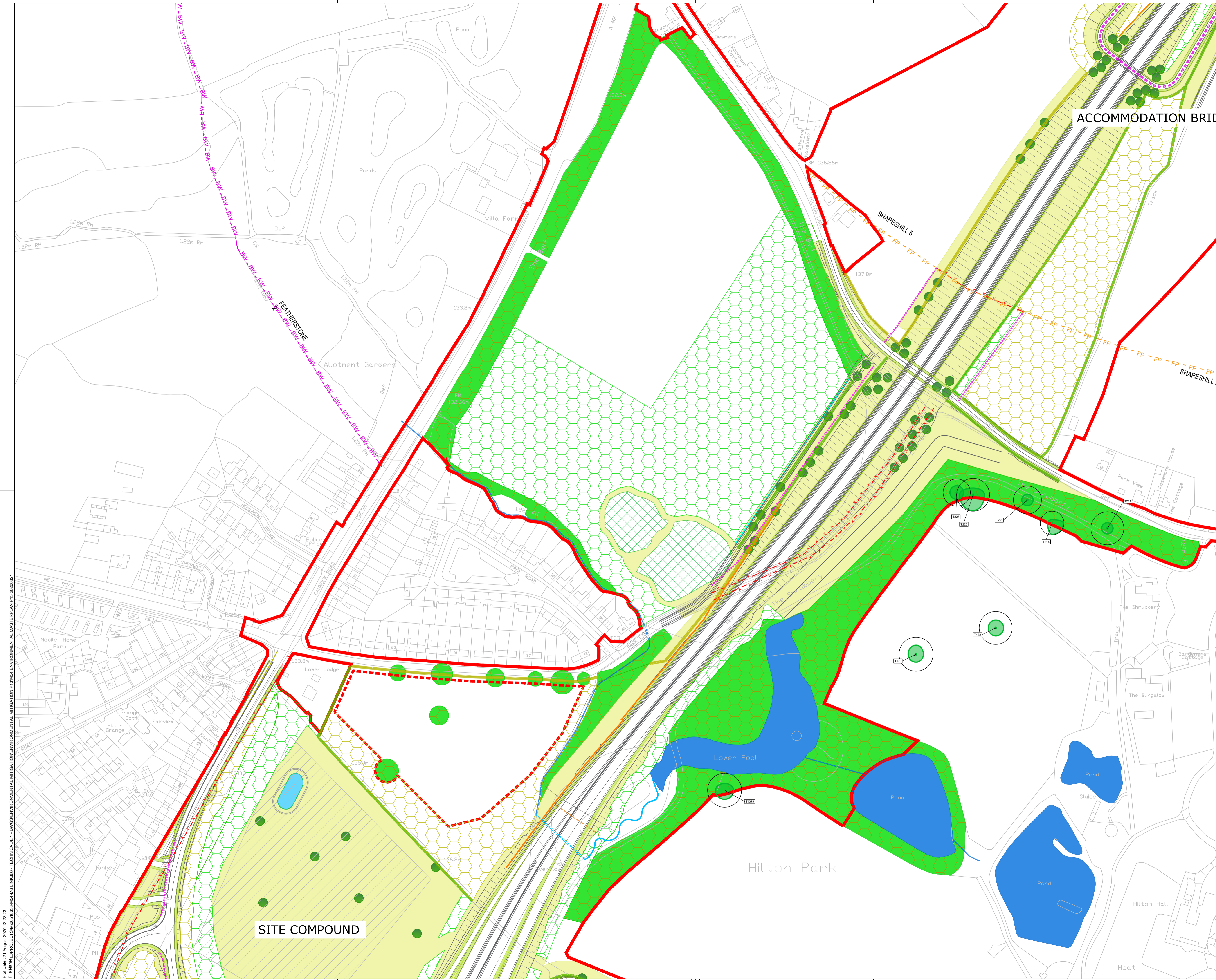
Designed	Drawn	Checked	Approved	Date
NW	LB	RW	TP	21.08.2020

Internal Project No. 60536736
Sustainability S8
Scale @ A1 1:1500
Zone Highways General

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Drawing Number	Highways England PIN	1 Originator	1 Volume	Rev
HE514465	-ACM	-ELS	-	P12
M54		-SW-R	-0004	
Location		1 Type	1 Role	1 Number

Plot Date: 21 August 2020 12:21:49
 File Name: L:\PROJECTS\60536736\M54-M6 LINKS\0 - TECHNICALS\1 - DWG\ENVIRONMENTAL MITIGATION\1-DWG\ENVIRONMENTAL MITIGATION MASTERPLAN.P13 20200821



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

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Proposed Mitigation

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Ecology

- Proposed area for ecology pond - EFD
- Proposed mammal tunnels - EFD

Planned Environmental Objectives

- Visual screening
- Landscape integration
- Nature conservation and biodiversity
- Water quality
- Auditory amenity

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Revision Details	By	Check	Date	Suffix
Changes to order limits indicated following HE comments	RW	AS	21.08.2020	P13
Updates to mitigation design following ecology net gain calculations and highway design changes	RW	NW	18.08.2020	P12

Purpose of issue: INFORM CONSULTATION ON SCHEME CHANGES: AUG/SEP 2020

Client: Highways England
 Major Projects
 The Cube
 199 Wharfedale Street
 Birmingham
 B1 1RN

Development Consent Order Number: TR010054

Project Title: M54 to M6 Link Road

Drawing Title: **FIGURE 2.5**
DRAFT ENVIRONMENTAL
MASTERPLAN SHEET 3 OF 5
REVISION OF APP-057

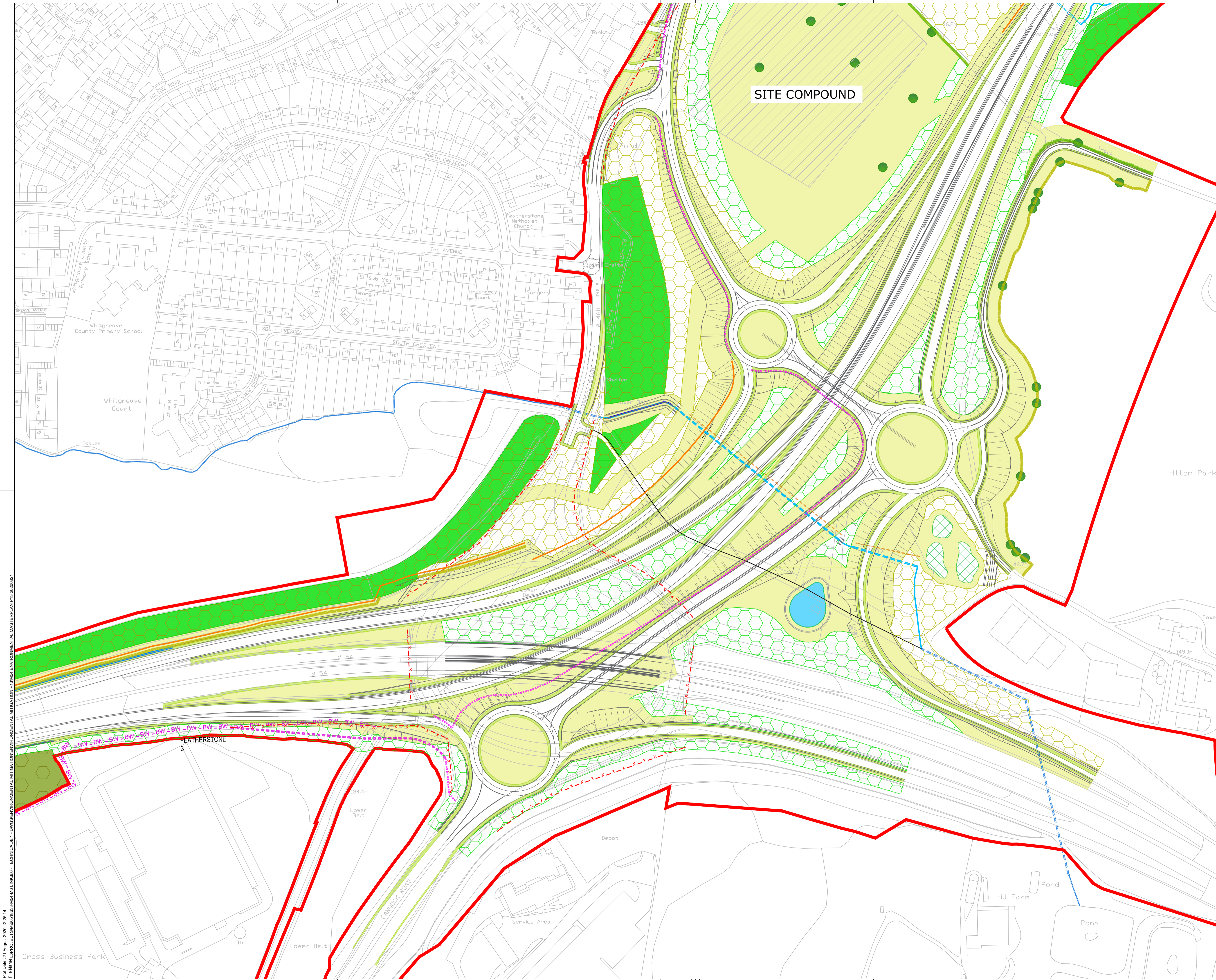
Designed	Drawn	Checked	Approved	Date
NW	LB	RW	TP	21.08.2020

Internal Project No: 60536736
 Scale @ A1: 1:1500
 Zone: Highways General

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Drawing Number	Originator	Volume	Rev
HE514465 - ACM	ELS	-	P12
M54	-SW-R	-0005	
Location	1 Type	1 Role	1 Number

Plot Date: 21 August 2020 12:23:23
 File Name: L:\PROJECTS\60536736\LINKS\0 - TECHNICALS\1 - DWS\ENVIRONMENTAL MITIGATION\11 DRAFT ENVIRONMENTAL MASTERPLAN P13 20200821



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Planned Environmental Objectives

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Updates to mitigation design following ecology net gain calculations and highway design changes	RW	NW	18.08.2020	P12

Revision Details

By	Check	Date	Suffix

Purpose of issue
INFORM CONSULTATION ON SCHEME CHANGES: AUG/SEP 2020

Client
Highways England
Major Projects
The Caduce
199 Wharfside Street
Birmingham
B1 1RN

Development Consent Order Number
TR010054

Project Title
M54 to M6 Link Road

Drawing Title
FIGURE 2.6
DRAFT ENVIRONMENTAL
MASTERPLAN SHEET 4 OF 5
REVISION OF APP-057

Designed	Drawn	Checked	Approved	Date
NW	LB	RW	TP	21.08.2020

Internal Project No.
00536736

Scale @ A1
1:1500

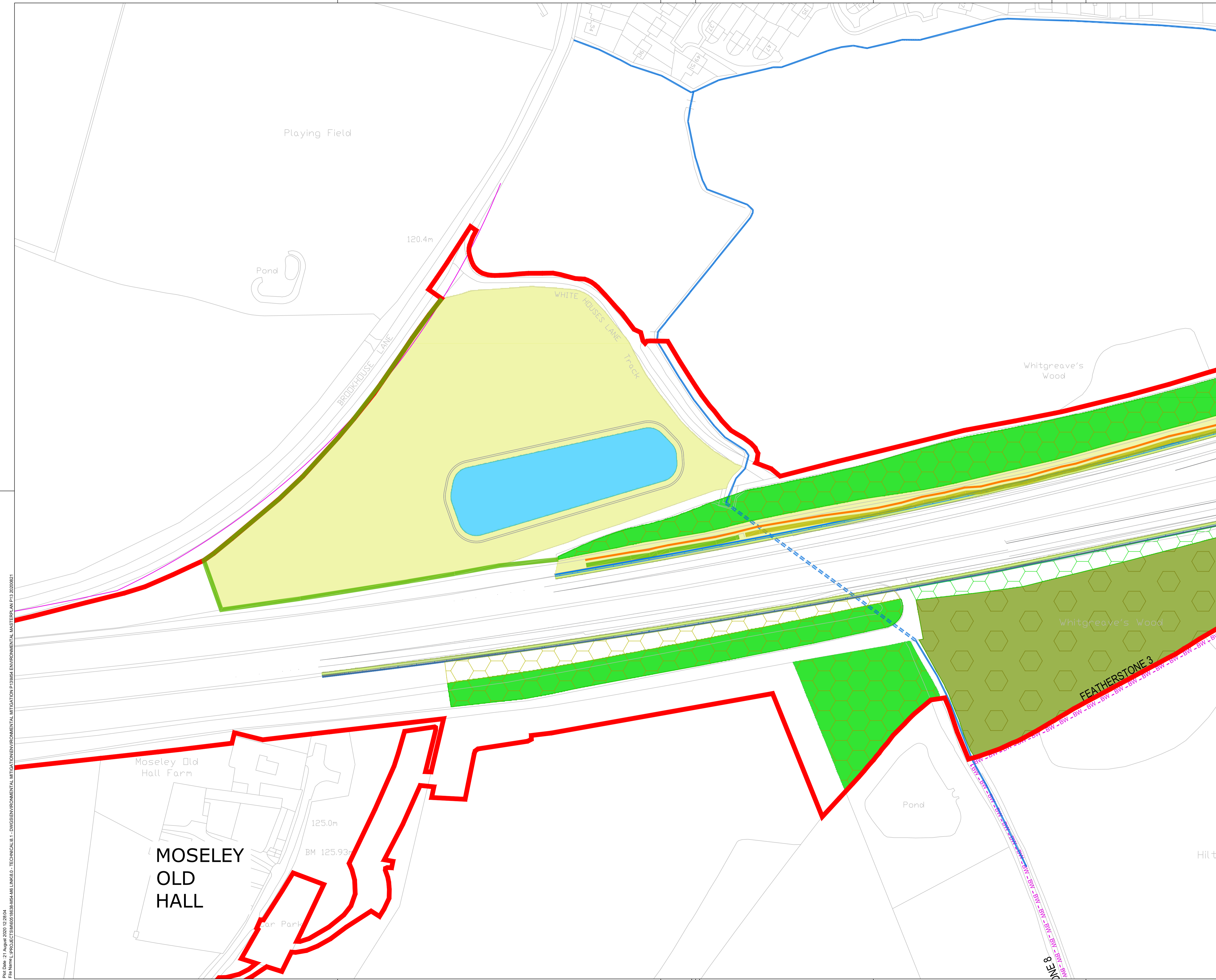
Suitability
S8

Zone
Highways General

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Drawing Number	Highways England PIN	Originator	I Volume	Rev
HE514465	-ACM	-EL5	-	P12
M54		-SWR	-0006	
Location		I Type	I Role	I Number

File Name: L:\PROJECTS\060519\0536736\M54 LINKS\0 - TECHNICAL\8 - DIVISIONAL ENVIRONMENTAL MITIGATION\ENVIRONMENTAL MITIGATION MASTERPLAN P13 20200821
 Plot Date: 21 August 2020 12:25:14



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

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Purpose of issue

INFORM CONSULTATION ON SCHEME CHANGES: AUG/SEP 2020

Client
Highways England
Major Projects
The Cube
199 Wharfside Street
Birmingham
B1 1RN

Development Consent Order Number
TR010054

Project Title
M54 to M6 Link Road

Drawing Title
**FIGURE 2.7
DRAFT ENVIRONMENTAL
MASTERPLAN SHEET 5 OF 5
REVISION OF APP-057**

Designed	Drawn	Checked	Approved	Date
NW	LB	RW	TP	21.08.2020

Internal Project No. 60536736
Sustainability S8
Scale @ A1 1:1500
Zone Highways General

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Drawing Number	Highways England PIN	1 Originator	1 Volume	Rev
HE514465	-ACM	-ELS	-	P12
M54	-	-SW-R	-0007	
Location		1 Type	1 Role	1 Number

Plot Date: 21 August 2020 12:28:04
 File Name: L:\PROJECTS\60536736\M54-M6 LINKS\0 - TECHNICAL\8 - DRAFT ENVIRONMENTAL MITIGATION\11 DRAFT ENVIRONMENTAL MASTERPLAN P13 20200821