








Habitat	Description	Area (m <sup>2</sup> )	Proportion of site (%)	Ecological Importance & Outcome of Proposal	Photograph
C3.1 Tall Ruderal	To the south of the poor semi-improved grassland was an area of tall ruderal consisting of common sorrel and greater willowherb, with frequent broadleaved dock. This area had wet and dry ditches from run-off of the arable fields.	480	0.2	Some ecological value, some likely to be lost in proposals.	
J1.1 Arable	The majority of the site consisted of two arable fields that are separated by a hedgerow.	198662	93	Limited ecological value.	

Habitat	Description	Area (m <sup>2</sup> )	Proportion of site (%)	Ecological Importance & Outcome of Proposal	Photograph
J2.1.2 Intact hedge – species poor	Hedgerow 3 and 4 were located along the eastern and western peripheries of the second arable field to the west. Both were managed but not in the recent season and were approximately 1.5m in height and width. Both hedgerows were dominated by hawthorn with occasional elder.	N/A	N/A	High ecological value. Some to be lost within the current proposals.	
J2.2.2 Defunct hedge – species poor	<p>Hedgerow 1 was located along the western periphery of the northern field and was approximately 3m in height and 2m in width. It was unmanaged and defunct. The hedgerow consisted predominantly of hawthorn with some blackthorn (<i>Prunus spinosa</i>) and elder present.</p> <p>Hedgerow 2 was located within the arable field and was approximately 3m in height and 1.5m in width. It was largely unmanaged and defunct. This hedgerow consisted predominantly of hawthorn.</p> <p>Hedgerow 5 was located along the southern extent of the site, and was managed somewhat in areas.</p> <p>Hedgerow 6 was located along the north-eastern periphery. Both were approximately 3-4m in height and 1.5m in width. These hedgerows consisted of hawthorn predominantly and occasional elder.</p>	N/A	N/A	Moderate ecological value. Some to be retained within the current proposals.	

Habitat	Description	Area (m²)	Proportion of site (%)	Ecological Importance & Outcome of Proposal	Photograph
					
J2.6 Wet Ditch	A wet ditch was located within the poor semi-improved grassland which was sourced from any runoff of the arable fields.	N/A	N/A	High ecological value. Some to be retained within the current proposals.	

Habitat	Description	Area (m <sup>2</sup> )	Proportion of site (%)	Ecological Importance & Outcome of Proposal	Photograph
Invasive Species	Two stands of Japanese knotweed ( <i>Fallopia japonica</i> ) were recorded within dense scrub on the site.	N/A	N/A	Schedule 9 invasive species. Must be removed prior to development.	



## 17 APPENDIX 7: PROTECTED/PRINCIPAL SPECIES SURVEY RESULTS

### 17.1 Great Crested Newts


Table 15: GCN Presence/Absence Survey Results


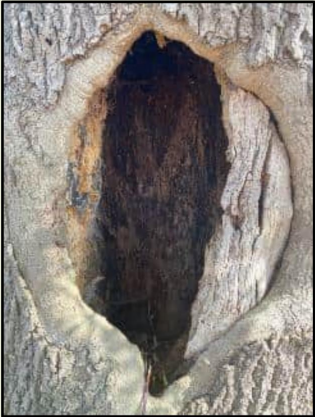
Waterbody	Date	Survey Method (GCN Count)			Other amphibians	Number of bottle traps	Max Count + Survey Number to date	Notes
		Torching	Trapping	Egg Search/Terrestrial Search				
Ditch 1	19/04/2023	0	N/A	0	Tadpoles	N/A	0	Unable to bottle trap due to temperature.
	26/04/2023	0	0	0	1 smooth female, 2 smooth male, 1 common frog, tadpoles	7	0	
	03/05/2023	0	0	0	1 smooth female, 1 common frog, tadpoles	8	0	
	31/05/2023	0	N/A	0	Tadpoles	N/A	0	Ditch too shallow for bottle trapping. Signs of drying.
	06/06/2023	0	N/A	0	1 common frog, tadpoles.	N/A	0	Ditch too shallow for bottle trapping.

13/06/2023	Signs of drying.
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17.2 Bats

Table 16: Ground Level Tree Assessment Results

Tree ref.	Description	Potential Access Points	Evidence	Grading	Photographs
T17	Dead tree on road verge – English elm	Areas of lifted bark on southern aspect.  Multiple splits in tree limbs where limbs have failed.	None.	High	

Tree ref.	Description	Potential Access Points	Evidence	Grading	Photographs
T23	<p>Mature Ash tree in middle of arable field.</p>	<p>Large trunk cavity in bottom on northern elevation. Extended upwards.</p> <p>Split in limb at northern extent approximately 6m in height.</p> <p>Multiple woodpecker holes and callous rolls present.</p>	None.	High	 









**Key**

Site Boundary

Transect route

Transect stops

1

2

3

Stop	Time	Activity	Species
2	11:18	HNS	C.PIP
3	11:09	HNS	C.PIP
4	11:00	HNS	C.PIP

RammSanderson

Title: Bat Nocturnal Results - Survey 19.07.22 (dawn/dusk)

Project: Newark Road, Sutton-in-Ashfield

Client: Hallam Land Management Ltd

Date: 01/11/2022

Fig:

Author: CME

A4 Scale: 1:4000

ID: RSE\_6136a\_BTRX\_1022\_V1R1





**Key**

Site Boundary

Transect route

Transect stops

1

2

3

Stop	Time	Species	Activity
5	20:37	C.PIP	HNS
6	20:56	S.PIP	HNS
8	21:30	MYOTIS	HNS
8	21:34	C.PIP	HNS

RammSanderson

Title: Bat Nocturnal Results - Survey 07.09.22 (dawn/dusk)

Project: Newark Road, Sutton-in-Ashfield

Client: Hallam Land Management Ltd

Date: 01/11/2022

Fig:

Author: CME

A4 Scale: 1:4000

ID: RSE\_6136a\_BTRX\_1022\_V1R1

#### 17.2.4 Static 1

	Dates	PIPI	PIPY	NYNO	Nyctalus sp.	Myotis sp	Total number of nights
June	27/06/2022-01/07/2022	34	4	2	5	1	5
August	02/08/2022-06/08/2022	23	3	0	1	0	5
September	07/09/2022-11/09/2022	84	2	11	4	0	5
Total Passes/ species		141	9	13	10	1	
Average passes/ species		4.7	0.3	0.43	0.3	0.03	
% of bat passes/ species		81	5.2	7.5	5.7	0.6	

### 17.2.5 Static 2

	Dates	PIPI	PIPY	NYNO	Nyctalus sp.	Myotis sp	Total number of nights
June	27/06/2022-01/07/2022	71	3	2	1	1	5
August	02/08/2022-06/08/2022	0	0	0	0	0	5
September	07/09/2022-11/09/2022	11	10	0	3	0	5
Total Passes/ species		82	13	2	4	1	
Average passes/ species		5.5	0.9	0.1	0.3	0.07	
% of bat passes/ species		80.4	12.8	2	3.9	1	

### 17.2.7 Bat Nocturnal Tree Plan 1





451500

**Key**

- Site Boundary
- Tree - High bat roost potential
- Survey 1 - Positions
- Common Pipistrelle
- Survey 1 - Flight Arrows



T17

**RammSanderson**


Title: Bat Nocturnal Results - 17.08.22 (Dusk)		
Project: Newark Road, Sutton in Ashfield		
Client: Hallam Land Management Limited		
Date: 08/11/2022	Fig:	Author: LG
A4 Scale: 1:250	ID: RSE_6136_BNR1_1122_V1R1	

#### 17.2.8 Bat Nocturnal Tree Plan 2



**Key**

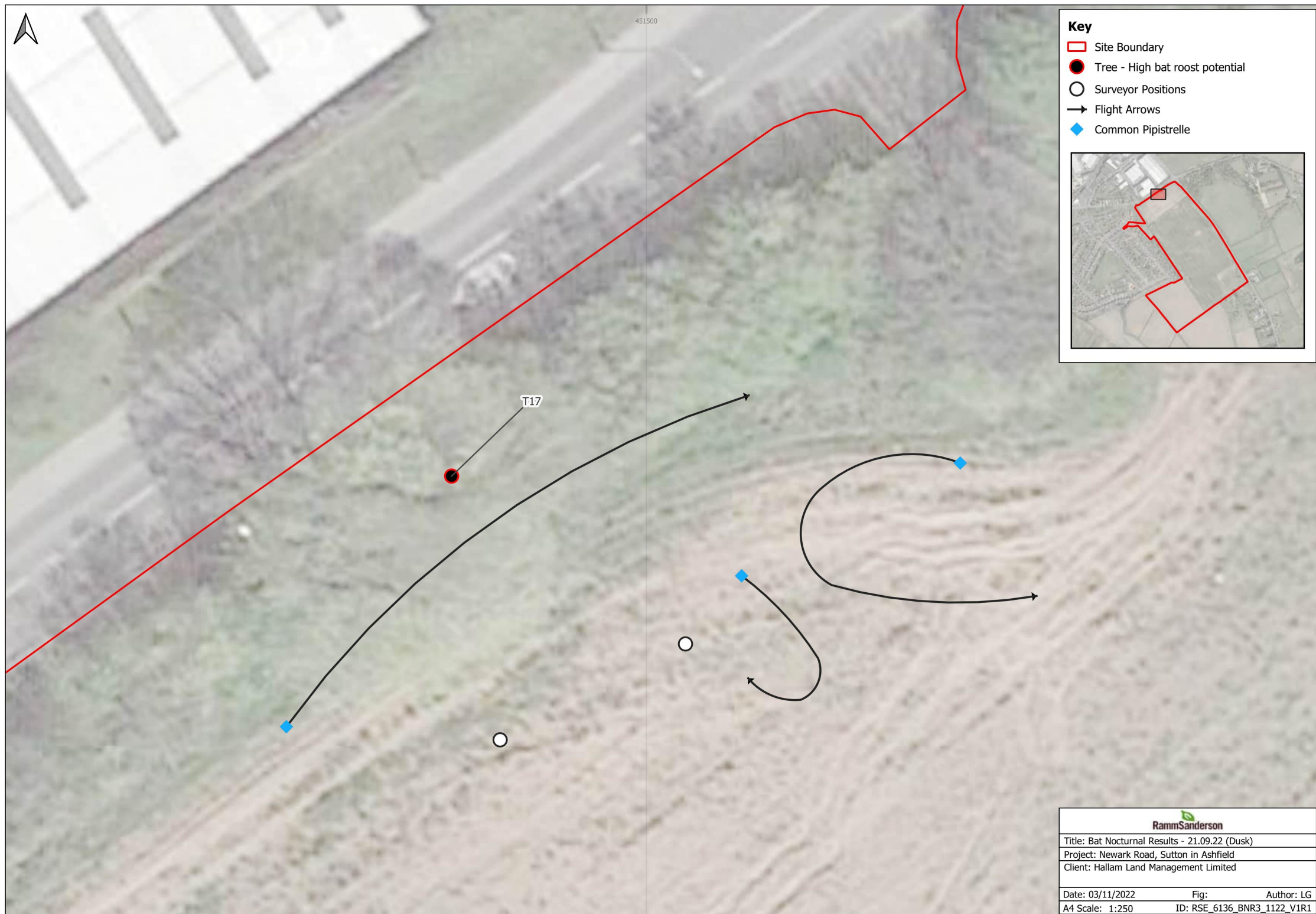
- Site Boundary
- Tree - High bat roost potential
- Surveyor Positions
- Flight Arrows
- Common Pipistrelle



RammSanderson		
Title: Bat Nocturnal Results - 31.08.22 (Dusk)		
Project: Newark Road, Sutton in Ashfield		
Client: Hallam Land Management Limited		
Date: 03/11/2022	Fig:	Author: LG
A4 Scale: 1:250	ID: RSE_6136_BNR2_1122_V1R1	

### 17.2.9 Bat Nocturnal Tree Plan 3







#### 17.2.10 Reptile Refuge Location Plan