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Title: Environmental Site Notes – Highway Zones V02	Guidance	
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<b>Zone Number</b>	B54
<b>Zone Name</b>	Carterknowle
<b>Survey Type</b>	Environmental Site Visit
<b>Date of Survey</b>	09.12.15
<b>Revision</b>	V03

**Site Walkover details:**

An environmental site visit covering the entire B54 Carterknowle zone was undertaken on 20.10.15. The visit commenced at 09:00 with the weather conditions being dry, warm and approximately 13°C.

A second site visit by a licensed bat ecologist on 09.12.15 with access via a MEWP was undertaken on two tree on Raven Road O/S 2 and O/S 10. The visit commenced at 13.00 with the weather conditions being damp and approximately 8 °C.

**Zonal environmental issues:**

The majority of roads involved in the works within the B54 Carterknowle zone are residential in nature with on-street parking present. Bus routes and stops are intermittently present throughout. Considering these factors it is likely that sensitive receptors and community facilities/features will experience some level of disruption during the works period.

Table 1.0 below details roads with environmental features / issues which will require some form of mitigation.

***Table 1.0 – Roads with noted environmental issues / features:***

Road Name / Location	Environmental Issue
Osborn Road	Nether Edge Hospital is present on Osborn Road. Unobstructed access to this building, wide enough for an ambulance should remain at all times throughout the works period. Construction related noise should also be kept to an absolute minimum.
Lyndhurst Road	Access to Nether Edge Hospital and associated buildings are present on Lyndhurst Road. Access to these buildings, wide enough for an ambulance should remain at all times throughout the works period. Construction related noise should also be kept to an absolute minimum.

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Union Road	<p>An NHS Speech and Language Therapy building (part of Nether Edge Hospital) is present on Union Road. Access to this building should remain at all times throughout the works period. Construction related noise should also be kept to an absolute minimum.</p> <p>The Alpha Course Church is present on this road. Access to this building should remain throughout the works period and construction noise should be kept to a minimum.</p>
Brincliffe Edge Road	<p>A post box is present on Brincliffe Edge Road. Access to this community feature should remain throughout the works period.</p> <p>Brincliffe Edge Wood is located on this road. Plant, machinery, materials (including waste) and vehicles must not be stored within this area. Safe pedestrian access to this ‘green’ space should remain throughout the works period.</p> <p>Local businesses are present on Brincliffe Edge Road. All local businesses should be made aware of the works prior to them commencing. This should include a start date and likely duration.</p>
.Chelsea Road	<p>A post box and public footpaths are present on Chelsea Road. Safe pedestrian access to these community features should remain throughout the works period.</p> <p>Chelsea Park is located on this road. Plant, machinery, materials (including waste) and vehicles must not be stored within this area. Access to this ‘green’ space should remain throughout the works period.</p>
Brentwood Road	<p>Brentwood Tennis Club is present on Brentwood Road. Access to this community feature should remain throughout the works period.</p>
Oakdale Road	<p>A post box is present on Oakdale Road. Safe pedestrian access to this community feature should remain throughout the works period.</p>
Nether Edge Road	<p>Local businesses are present on Nether Edge Road. All local businesses should be made aware of the works prior to them commencing. This should include a start date and likely duration.</p>
Glen Road	<p>Nether Edge Primary School is located on Glen Road. Access to this feature should remain throughout the works period. Consultation with this school should be held prior to works commencing and appropriate working hours should be agreed.</p>
Marden Road	<p>Local businesses are present on Marden Road. All local businesses should be made aware of the works prior to them commencing. This should include a start date and likely duration.</p>
Quarry Lane	<p>Public footpaths are present on Quarry Lane. Safe pedestrian access to these footpaths should remain throughout the works period.</p>

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Charnley Rise	A post box is present on Charnley Rise. Access to this community feature should remain throughout the works period.
Montrose Road	A post box is present on Montrose Road. Access to this community feature should remain throughout the works period.

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**Tree Works:**

All trees due for felling in the B54 Carterknowle zone were inspected by a member of the environmental team from ground level for their bat roost and nesting bird potential. The findings and recommendations for these trees are detailed in table 1.1 below.

*Please Note:*

*All bat assessment works and surveys have been carried out in accordance with Hundt L (2012) Bat Surveys: Good Practice Guidelines, 2<sup>nd</sup> Edition, Bat Conservation Trust. Each tree has been assigned a category (as detailed in table 1.1 below) in accordance with this guidance.*

*Where felling is due to take place during bird nesting season (generally between March and August inclusive), all trees must be thoroughly inspected for nesting birds immediately prior to removal. If nesting birds are identified, works must cease immediately and the environmental team should be contacted for further advice.*

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***Table 1.1 – Trees with noted environmental issues/concerns:***

Street	Tree(s) Location	Tree Category	Ecological Assessment Finding	Recommended Further Action(s)
Adelaide Road	o/s 39-49 (fell no. 12023235)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 19 'Oakmount' (fell no. 12023237)	Category 3	Negligible bat roost potential identified.	N/A
Bannerdale Road	o/s 167-169 (fell no. 12023017)	Category 3	Negligible bat roost potential identified.	N/A
	o/s 176-178 (fell no. 12023004)	Category 3	Negligible bat roost potential identified.	N/A
	o/s 83 (fell no. 12023014)	Category 3	Negligible bat roost potential identified.	N/A
	o/s 102 (fell no. 12020462)	Category 3	Negligible bat roost potential identified.	N/A
	o/s 171 (fell no. 12004217)	Category 3	Negligible bat roost potential identified.	N/A

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	o/s 203-205 (fell no. 12023021)	Category 3	Negligible bat roost potential identified.	N/A
	o/s 192-194 (fell no. 12023001)	Category 3	Negligible bat roost potential identified.	N/A
	o/s 195-197 (fell no. 12023019)	Category 3	Negligible bat roost potential identified.	N/A
	o/s 294 (fell no. 12023006)	Category 3	Negligible bat roost potential identified.	N/A
	o/s 223-225 (fell no. 12023067)	Category 3	Negligible bat roost potential identified.	N/A
	o/s 252 (fell no. 12023000)	Category 3	Negligible bat roost potential identified.	N/A
	O/S 188-190 (fell no. 12023003)	Category 3	Negligible bat roost potential identified.	N/A
	o/s 161-163 (fell no. 12023016)	Category 3	Negligible bat roost potential identified.	N/A

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Barker's Road	o/s 63 (fell no. 12023227)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	opposite 33 (fell no. 12023225)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
Briar Road	o/s 14 (fell no. 12023309)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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	o/s 19 (fell no. 12023307)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 2 (fell no. 12023302)	Category 3	Negligible bat roost potential identified.	N/A
Brincliffe Gardens	o/s 24/Opp junction with Bluecoat Rise (red spot marked at base) (fell no. 12023320)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.



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	o/s 13, gated property, (next tree uphill from 2 sorbus) (fell no. 12023222)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
Carter Knowle Avenue	o/s 46-48 (fell no. 12023023)	Category 3	Negligible bat roost potential identified.	N/A
	o/s 72 (fell no. 12005030)	Category 3	Negligible bat roost potential identified.	N/A
	o/s 22 (facing 11-13) (fell no. 12023027)	Category 3	Negligible bat roost potential identified.	N/A
	o/s 42-44 (fell no. 12023025)	Category 3	Negligible bat roost potential identified.	N/A

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Chelsea Road	o/s 2 (fell no. 12023233)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	adj/side of 111 Union Rd (fell no. 12023231)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
Edgebrook Road	opp 28 (fell no. 12023239)	Category 3	Negligible bat roost potential identified.	N/A

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Edgedale Road	O/S 102 (fell no. 12021585)	Category 2	No bat roost potential was identified. However, due to the amount of foliage/ large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 86 (fell no. 12023033)	Category 2	No bat roost potential was identified. However, due to the amount of foliage/size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 78 (fell no. 12023035)	Category 2	No bat roost potential was identified. However, due to the amount of foliage/ large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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	o/s 32 (fell no. 12023039)	Category 2	No bat roost potential was identified. However, due to the amount of foliage/ large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 70 (fell no. 12023037)	Category 2	No bat roost potential was identified. However, due to the amount of foliage / large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s church (2nd tree on road from bottom) (12023043)	Category 2	No bat roost potential was identified. However, due to the amount of foliage/large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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	o/s 3-11 Javelin House (fell no. 12023045)	Category 2	No bat roost potential was identified. However, due to the amount of foliage/large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 6 (fell no. 12023041)	Category 2	No bat roost potential was identified. However, due to the amount of foliage/ large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
Gatefield Road	o/s 12 (fell no. 1202319)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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	opp 6 (fell no. 12023192)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
Glentilt Road	O/S 1 (fell no. 12023073)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	Opposite 5 (fell no. 12023069)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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	O/S 8 (fell no. 12015441)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	O/S 20 (fell no. 12023065)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	O/S 33 (fell no. 12023077)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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	O/S 24 (fell no. 12023075)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	Opposite 1 (fell no. 12023071)	Category 3	Negligible bat roost potential identified.	N/A
Hunter House Road	o/s hunter court, (opp 149) (fell no. 12023209)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.



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	o/s 167 (fell no. 12023215)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 188 (fell no. 12021517)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 155 (fell no. 12023213)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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	o/s 177 (fell no. 12021519)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 176 (fell no. 12023207)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 145 (fell no. 12023211)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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	o/s 238 (fell no. 12023205)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 181 (fell no. 12023217)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
Knab Rise	o/s 29 (fell no. 12022243)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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Ladysmith Avenue	o/s 14 (fell no. 12023262)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	adj rear of 19 Barkers rd. (fell no. 12023294)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	adj side of 17 Barkers rd., 1st tree on street (fell no. 12023298)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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	o/s 26 (fell no. 12023241)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	Opp 11 (fell no. 12023266)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	Opp 7 (fell no. 12023289)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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	o/s 19 Barkers Rd, 1st tree on street (fell no. 12023296)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	opp 5 (fell no. 12023292)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	adj side of 17 Barkers rd. (fell no. 12023300)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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	o/s 15 (fell no. 12023264)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
Lyndhurst Road	o/s 17, next lime uphill from driveway for 17 (fell no. 12023229)	Category 3	Negligible bat roost potential identified.	N/A
Marden Road	o/s 12/14 (fell no. 12023188)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
Montrose Road	o/s 48 (fell no. 12023063)	Category 3	Negligible bat roost potential identified.	N/A
	o/s 50 (fell no. 12005019)	Category 3	Negligible bat roost potential identified.	N/A

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Quarry Lane	o/s 64 (fell no. 12023313)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 62 (fell no. 12023315)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 60 (fell no. 12011561)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.



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Raven Road	o/s 2 (fell no. 12023268)	Category 3	<p>Bat roost potential identified during the initial site visit where large cavities/holes are present within the tree.</p> <p>A subsequent site visit was undertaken by a licensed bat ecologist, using a MEWP to inspect this tree. All cavities/holes were determined to be shallow, offering negligible bat roost potential.</p>	<p>This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years), as a precautionary measure, for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.</p>
	o/s 10 (fell no. 12023270)	Category 3	<p>Bat roost potential identified during the initial site visit where large cavities/holes are present within the tree.</p> <p>A subsequent site visit was undertaken by a licensed bat ecologist, using a MEWP to inspect this tree. All cavities/holes were determined to be shallow, offering negligible bat roost potential.</p>	<p>This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years), as a precautionary measure, for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.</p>

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Sandford Grove Road	o/s 82 (fell no. 12023100)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	opp 70 (fell no. 12023186)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
Struan Road	o/s 29-31 (fell no. 12023029)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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	o/s 17 (fell no. 12023031)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	Side of 62 Archer Lane (fell no. 12012705)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
Swaledale Road	o/s 24 (fell no. 12023049)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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	opp 12 (fell no. 12014208)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 6 (fell no. 12023047)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 52a (fell no. 12023057)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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	o/s 29 (fell no. 12023055)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 50 (fell no. 12023059)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
	o/s 46-44 (fell no. 12023061)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.

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	o/s 11 (fell no. 12023053)	Category 2	No bat roost potential was identified. However, due to the large size of the tree bat roost potential may be present but not seen from ground level.	This tree should be thoroughly checked by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, when climbed on the day of felling or prior to felling. If bat roost potential is identified, works must cease immediately and the environmental team contacted for further advice/inspections/surveys.
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**Recommendations:**

1. All vegetation clearance (including tree removals) should be undertaken outside of the bird nesting season, which generally runs between March and August (inclusive). Where this is not possible, all vegetation should be thoroughly inspected for nesting birds immediately prior to removals commencing. Where nesting birds are identified works must cease immediately and a member of the environmental team contacted for further advice. *Please note that it is an offense to disturb nesting birds, their eggs, or their young under the Wildlife and Countryside Act 1981.*
  
2. Every tree which is removed should be replaced; ensuring no net loss. Re-planting can occur at new locations if deemed necessary. The arboriculturist team should advise on the most appropriate species and location for re-planting.
  
3. Tree Preservation Orders (TPOs) should be checked prior to any felling commencing. Please note this will not be conducted by the environmental team but is the responsibility of the zone manager.
  
4. The trees identified on Adelaide Road, Barker's Road, Briar Road, Brincliffe Gardens, Chelsea Road, Edgedale Road, Gatefield Road, Glentilt Road, Hunter House Road, Knab Rise, Ladysmith Avenue, Marden Road, Quarry Lane, Sandford Grove Road, Struan Road, and Swaledale Road could not be thoroughly inspected from ground level (due to their large size). Also, the two trees on Raven Road, which were downgraded from Category 1 to Category 3, during inspection by a licensed ecologist using a MEWP and endoscope should be inspected. Therefore all trees noted above should be inspected by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential, either prior to or on the day of felling when climbed. If bat roost potential features are identified further up the trees, works must cease immediately and the ecology team must be contacted for further advice/inspections/surveys.
  
5. Consultation should be held with SCC determining working times on the network. Consultation should also be held with schools, pre-schools and places of worship, determining the best working times around these features (i.e. outside of school rush hour times).
  
6. Plant, machinery, vehicles, materials and waste must not be stored on soft estate. Hard standing should be used to prevent soil compaction and any unnecessary disturbance to surrounding flora and fauna. Nothing should be stored in the root area of trees as this has the potential to be detrimental to their future health.

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7. All gullies and open drainage features must be covered during re-surfacing works; ensuring no potentially polluting substances enter nearby watercourses and ensuring drainage features do not become blocked as a result of the works.
8. Where safe access to bus stops cannot be maintained throughout the works period, these stops should be temporarily moved to a safe location.
9. Works commencing in close proximity to sensitive receptors such as schools, places of worship and residential properties must take into account the impacts of noise levels and air quality on these features. All construction works must be carried out in accordance with BS 5228-1:2009 Code of Practice for Noise and Vibration Control on Construction and Open Sites. Where sensitive receptors lie within 100m of the works, SCC should be contacted regarding working hours and ascertaining whether assent/consent is required. Temporary acoustic sound barriers should be considered where sensitive receptors lie within 100m of works. This will help reduce the amount of construction related noise being experienced by these sensitive receptors.
10. All local residents and businesses should be made aware of the works prior to them commencing. This should include a start date and likely duration.



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**Further Actions Checklist:**

Environmental issue :	Further action:	Action to be completed by:	Completed on:
Nesting birds – tree removals	Where vegetation/tree works are taking place during the bird nesting season, this vegetation must be thoroughly inspected for nesting birds no more than 48 hours prior to removal. If nesting birds are identified works must cease immediately and a member of the environmental team contacted for further advice.	Arbs / de-vegetation team	Day of vegetation clearance / felling or up to 48 hours prior to this.
Tree Preservation Orders (TPO's)	All trees to be felled must be checked for TPO's prior to felling.	Zone manager	Prior to tree felling works commencing.
Tree Inspections (arbs team)	The trees identified on Adelaide Road, Barker's Road, Briar Road, Brincliffe Gardens, Chelsea Road, Edgedale Road, Gatefield Road, Glentilt Road, Hunter House Road, Knab Rise, Ladysmith Avenue, Marden Road, Quarry Lane, Sandford Grove Road, Struan Road, Raven Road and Swaledale Road should be inspected by a competent member of the arboriculturist team (somebody who has attended the Arboriculture and Bats BCT training course within the past 3 years) for any features offering bat roost potential.	Arbs team	Either prior to or on the day of felling when climbed

<b>Task Validation</b>			
Name of Assessor	<b>CONFIDENTIAL</b>	Date completed:	14.12.15
Validation of assessment undertaken by: <i>(must be different to the person undertaking the assessment)</i>	<b>CONFIDENTIAL</b>	Date completed:	05.11.15