



Brislington Meadows, Bristol

ECOLOGICAL TECHNICAL APPENDIX C

Hedgerow Assessment

7507.20.057

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Drawings

Drawing G7507.20.011 Habitats Baseline

1.0 Introduction

- 1.1 The Environment Partnership (TEP) was commissioned in August 2020, by Campbell Reith on behalf of Homes England, to complete an Ecological Impact Assessment (EclA) for the site known as Brislington Meadows (hereafter referred to as 'the site').

Figure 1: Site Location



- 1.2 A Hedgerows Regulations assessment was completed to inform the EclA and in consideration of pre-planning application (ref 19/05220/PREAPP) consultation advice provided by Bristol City Council (BCC) Nature Conservation Officer (provided at Technical Appendix A, TEP Ref 7507.20.039) into account.
- 1.3 The Site Allocations guidance for this site BSA1201 states that development should "retain or incorporate important trees and hedgerows within the development which will be identified by a tree survey". Under the Hedgerows Regulations 1997 'important' hedgerows are those that meet certain criteria, as set out in the Regulations.
- 1.4 This document reports the findings of the assessment, which records the features and species associated with each hedgerow to assess whether any qualify as being "Important" under the wildlife and landscape criteria outlined in the Hedgerows Regulations (1997). For clarity, the scope of this hedgerow survey and assessment does not cover the 'archaeology and history' criteria set out in the Hedgerows Regulations. Historical importance of hedgerows is described in the Historic Environment Desk-based Assessment (TEP Ref 7507.22.002).

2.0 Methods

- 2.1 The hedgerow survey and Hedgerows Regulations assessment was undertaken on 26th May 2021 by TEP experienced ecologist Val Gateley MCIEEM, who is certified to Level 5 under the Field Identification Skills Certification (FISC) ¹.
- 2.2 The hedgerows were subject to a detailed sampling survey in accordance with the criteria set out in the Hedgerows Regulations 1997 in terms of wildlife and landscape criteria for determining "important" hedgerows.
- 2.3 The hedgerows included in the survey were those with at least four woody species i.e. the minimum number of woody species required for hedgerows to be classified as "important" and/or contained the presence of species in Part II of Schedule 1 of the Regulations, such as the presence of Schedule 8 protected plant species.
- 2.4 The survey entailed recording the number of woody species (as listed on Schedule 3 of the Hedgerows Regulations) within 30m sample sections as well as any features within 2m associated with the hedge. These features include the presence of any bank or wall, ditch, standard trees and ground flora species (as listed on Schedule 2 of the Hedgerows Regulations). Also, the number of connections with adjacent hedgerows was recorded. Hedgerow target notes were made on standard data recording forms. For each hedgerow this included a hedgerow identification number, description of the hedge and detailed plant species list.
- 2.5 For the purposes of this assessment a hedgerow is defined as a boundary line of native shrubs or a mix of native shrubs and trees over 20m long and less than 5m wide, and where any gaps between the trees or shrub species are less than 20m wide. Any bank, wall, ditch or tree within 2m of the centre of the hedgerow is considered to be part of the hedgerow habitat, as is the herbaceous vegetation within 2m of the centre of the hedgerow. Only hedgerows consisting predominantly (80% or more cover) of at least one woody UK native species (listed on Schedule 3 of the Hedgerows Regulations) are considered native and covered by this assessment.
- 2.6 The above definition of a hedgerow is largely based on the Section 41 (S41) of the Natural Environment and Rural Communities (NERC) Act definition of a hedgerow, but it also takes into account details from the Hedgerows Regulations 1997 and Handbook for Phase 1 Habitat survey (JNCC 2010) in order to ensure all hedgerow features considered native are assessed.
- 2.7 It should be noted therefore that this hedgerow assessment is focussed upon the remaining (generally central) hedgerow element of field boundaries and excludes peripheral self-set scrub elements that are expanding from the field boundaries as a consequence of a prolonged lack of hedgerow management. The self-set scrub elements of the field boundaries have been surveyed and assessed separately as part of the habitat

¹ A national skills certification scheme operated by Botanical Society of Britain and Ireland. FISC 4 is the competency level recommended for Biodiversity Net Gain (BNG) field assessments, FISC 5 is recommended for National Vegetation Classification (NVC) survey

survey and habitat condition assessment (Ecology Technical Appendix E Ref 7507.20.053).

- 2.8 It should also be noted that a consequence of the assessment method described above is a resulting deviation between the identification of ‘hedgerows’ at field and site boundaries, as determined by the ecological assessment, the arboricultural survey or the historic environment assessment. As technical assessment methods differ between each of these topics, ‘hedgerows’ are therefore defined, identified, referenced and mapped differently between the Ecological Assessment (including associated Ecological Technical Appendices), the Arboricultural Impact Assessment and the Historic Environment Desk-Based Assessment reports.
- 2.9 Further factors which are considered during this assessment include the proximity of public by-ways and footpaths², parallel hedgerows, semi-natural woodland and ponds. The presence of these features adjacent to a hedgerow increases the likelihood that it could qualify as “important”.
- 2.10 In addition, presence of or field signs of any legally protected species³ or species which are listed as required by NERC S41(1) as of species of principal importance for purpose of conserving biodiversity (SPI) were mapped and noted.
- 2.11 A link to wildlife and landscape criteria for determining “important” hedgerows under the Hedgerows Regulations 1997 is given below:
<http://www.legislation.gov.uk/ukxi/1997/1160/schedule/1/made>

Limitations

- 2.12 No limitations to the hedgerow survey were encountered. The hedgerow survey was undertaken within the optimal period for hedgerow ground flora survey (April - May). The weather was clear and bright and there were no access restrictions to areas relevant for the survey.

² As depicted by Bristol City Council Interactive Map at <https://maps.bristol.gov.uk/pinpoint/>

³ Including those species which form part of Schedules 1, 5 and 8 of the Wildlife and Countryside Act 1981 (WCA), as amended


3.0 Results

3.1 The hedgerows surveyed and assessed are illustrated in Drawing G7507.20.011. A total of eight hedgerows within the site were identified as requiring survey following the Hedgerows Regulations method in order to ascertain whether any qualify as 'important':

- Hedgerow H1, a broadly north-south oriented hedgerow forming multiple field boundaries between fields F2/F3 and fields F4/F5, is treated as three hedgerows (H1a, H1b and H1c) for the purposes of the assessment, due to its connections (nodes);
- Hedgerow H2 is a broadly east-west oriented hedgerow forming the boundary between fields F4 and F5;
- Hedgerow H3 is a broadly east-west oriented hedgerow forming the boundary between fields F1 and F2;
- Hedgerow H4 is a broadly east-west oriented hedgerow forming the boundary between fields F2 and F3;
- Hedgerow H5 is a broadly north-south oriented hedgerow forming the boundary between fields F5 and F6; and
- Hedgerow H6 is a short road-side hedgerow located on northeast boundary adjacent to Broomhill Road.

3.2 The survey results for these eight hedgerows, presented in Table 1, include species composition and details of further sampling (if identified as having potential importance).

Table 1: Hedgerow Assessment


Hedgerow Ref	H1a	
Hedgerow height	3.5m	
Hedgerow width	3m	
Signs of management	No recent signs	
Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	Yes (bluebell)	
Further assessment (30m sampling) required and undertaken?	Yes	


East face of H1a (viewed from F3)

Hedgerow Ref	H1a			
Features and Connections	Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) ⁴			
Hedge length (m)	75m	Sample 1	Sample 2	Sample 3
Wall/bank along at least half its length?	No	English oak		
Average of at least one standard tree per 50m?	Yes	Hawthorn		
3+ woodland ground flora species (listed on Sch. 2) within 1m?	No	Dog rose		
Ditch along at least half of the hedgerow?	No			
Parallel hedge within 15m of the hedgerow?	No			
Gaps less than 10% of hedgerow length?	Yes			
Connection (<10m) with another hedgerow? (1pt each)	2			
Connection (<10m) with a pond? (2pts each)	0			
Connection (<10m) broadleaved woodland? (2pts each)	0			
Average woody species (Schedule 3)	3			
Total features score	2			
Does this hedge meet the wildlife and countryside criteria for Importance?	Yes – hedgerow contains WCA Schedule 8 species bluebell			
Target Note			Hedgerow Regulations 1997 Schedules	
<i>Crataegus monogyna</i>	Hawthorn	A	Schedule 3 Species	
<i>Rubus fruticosus agg.</i>	Bramble	A		
<i>Hedera helix</i>	Ivy	F		
<i>Arum maculatum</i>	Lords-and-Ladies	O	Schedule 2 Species	
<i>Hyacinthoides non-scripta</i>	Bluebell	O	Schedule 2 Species	
<i>Quercus robur</i>	English oak	O	Schedule 3 Species	
<i>Rosa canina agg.</i>	Dog rose	O	Schedule 3 Species	
<i>Sambucus nigra</i>	Elder	O	Schedule 3 Species	


Hedgerow Ref	H1b
Hedgerow height	3.5m
Hedgerow width	3m
Signs of management	No recent signs

⁴ For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.


Hedgerow Ref		H1b		
Does the hedge have the appearance of being over 30 years old?	Yes			
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No			
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No			
Further assessment (30m sampling) required and undertaken?	No			
Does this hedge meet the wildlife and countryside criteria for Importance?		No (insufficient woody species)		
Target Note			Hedgerow Regulations 1997 Schedules	
Crataegus monogyna	Hawthorn	D	Schedule 2 Species	
Rubus fruticosus agg.	Bramble	A		
Hedera helix	Ivy	F		
Pteridium aquilinum	Bracken	O		
Sambucus nigra	Elder	O	Schedule 2 Species	

Hedgerow Ref		H1c		
Hedgerow height	3.5m			
Hedgerow width	3m			
Signs of management	No recent signs			
Does the hedge have the appearance of being over 30 years old?	Yes			
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No			
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No			
Further assessment (30m sampling) required and undertaken?	Yes			
		West face H1c (viewed from F5)		
Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) ⁴		
Hedge length (m)	32m	Sample 1	Sample 2	Sample 3
Wall/bank along at least half its length?	No	English Oak		
Average of at least one standard tree per 50m?	No	Hawthorn		


Hedgerow Ref	H1c			
3+ woodland ground flora species (listed on Sch. 2) within 1m?	No	Elder		
Ditch along at least half of the hedgerow?	No	English elm (dead)		
Parallel hedge within 15m of the hedgerow?	No			
Gaps less than 10% of hedgerow length?	Yes			
Connection (<10m) with another hedgerow? (1pt each)	3			
Connection (<10m) with a pond? (2pts each)	0			
Connection (<10m) broadleaved woodland? (2pts each)	0			
Average woody species (Schedule 3)	3			
Total features score	1			
Does this hedge meet the wildlife and countryside criteria for Importance?	No – hedgerow contains insufficient woody species average			
Target Note			Hedgerow Regulations 1997 Schedules	
<i>Crataegus monogyna</i>	Hawthorn	A	Schedule 3 Species	
<i>Rubus fruticosus</i> agg.	Bramble	A		
<i>Hedera helix</i>	Ivy	F		
<i>Arum maculatum</i>	Lords-and-Ladies	O	Schedule 2 Species	
<i>Quercus robur</i>	English oak	O	Schedule 3 Species	
<i>Rosa canina</i> agg.	Dog rose	O	Schedule 3 Species	
<i>Sambucus nigra</i>	Elder	O	Schedule 3 Species	

Hedgerow Ref	H2	
Hedgerow height	3.5m	
Hedgerow width	3m	
Signs of management	No recent signs	
Does the hedge have the appearance of being over 30 years old?	Yes	 <p>North face of H2 (viewed from F5)</p>
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	Yes (bluebell)	
Further assessment (30m sampling) required and undertaken?	Yes	


Hedgerow Ref	H2			
Features and Connections	Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) ⁴			
Hedge length (m)	130m	Sample 1	Sample 2	Sample 3
Wall/bank along at least half its length?	No	Hawthorn	Hawthorn	
Average of at least one standard tree per 50m?	Yes	Blackthorn	Blackthorn	
3+ woodland ground flora species (listed on Sch. 2) within 1m?	Yes	Dog rose		
Ditch along at least half of the hedgerow?	No	English oak		
Parallel hedge within 15m of the hedgerow?	No			
Gaps less than 10% of hedgerow length?	Yes			
Connection (<10m) with another hedgerow? (1pt each)	3			
Connection (<10m) with a pond? (2pts each)	0			
Connection (<10m) broadleaved woodland? (2pts each)	0			
Average woody species (Schedule 3)	3			
Total features score	3			
Does this hedge meet the wildlife and countryside criteria for Importance?	Yes – hedgerow contains WCA Schedule 8 species bluebell			
Target Note				Hedgerow Regulations 1997 Schedules
<i>Crataegus monogyna</i>	Hawthorn	A	Schedule 3 Species	
<i>Prunus spinosa</i>	Blackthorn	A	Schedule 3 Species	
<i>Rubus fruticosus agg.</i>	Bramble	A		
<i>Hedera helix</i>	Ivy	F		
<i>Urtica dioica</i>	Nettle	F		
<i>Arum maculatum</i>	Lords-and-Ladies	O	Schedule 2 Species	
<i>Corylus avellana</i>	Hazel	O	Schedule 3 Species	
<i>Geum urbanum</i>	Wood avens	O	Schedule 2 Species	
<i>Ranunculus repens</i>	Creeping buttercup	O		
<i>Rosa canina agg.</i>	Dog rose	O	Schedule 3 Species	
<i>Sambucus nigra</i>	Elder	O	Schedule 3 Species	
<i>Ulmus procera</i>	English elm	O	Schedule 3 Species	
<i>Hyacinthoides non-scripta</i>	Bluebell	R	Schedule 2 Species	
<i>Quercus robur</i>	English oak	R	Schedule 3 Species	
<i>Rumex sanguineus</i>	Wood dock	R		

Hedgerow Ref	H3			
Hedgerow height	3.5m			
Hedgerow width	3m			
Signs of management	No recent signs			
Does the hedge have the appearance of being over 30 years old?	Yes	 <p>North face of H3 (viewed from F1)</p>		
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No			
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	Yes (bluebell)			
Further assessment (30m sampling) required and undertaken?	Yes			
Features and Connections	Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) ⁴			
Hedge length (m)	145m	Sample 1	Sample 2	Sample 3
Wall/bank along at least half its length?	No	Holly	Elder	
Average of at least one standard tree per 50m?	Yes	Elder	Hawthorn	
3+ woodland ground flora species (listed on Sch. 2) within 1m?	Yes	Ash	Holly	
Ditch along at least half of the hedgerow?	No	Hawthorn	Blackthorn	
Parallel hedge within 15m of the hedgerow?	No		English oak	
Gaps less than 10% of hedgerow length?	Yes			
Connection (<10m) with another hedgerow? (1pt each)	1			
Connection (<10m) with a pond? (2pts each)	0			
Connection (<10m) broadleaved woodland? (2pts each)	2			
Average woody species (Schedule 3)	4.5			
Total features score	3			
Does this hedge meet the wildlife and countryside criteria for Importance?	Yes – hedgerow contains WCA Schedule 8 species bluebell			
Target Note			Hedgerow Regulations 1997 Schedules	
<i>Crataegus monogyna</i>	Hawthorn	A	Schedule 3 Species	
<i>Prunus spinosa</i>	Blackthorn	A	Schedule 3 Species	
<i>Rubus fruticosus</i> agg.	Bramble	A		

Hedgerow Ref	H3		
<i>Hedera helix</i>	Ivy	F	
<i>Urtica dioica</i>	Nettle	F	
<i>Arum maculatum</i>	Lords-and-Ladies	O	<i>Schedule 2 Species</i>
<i>Corylus avellana</i>	Hazel	O	<i>Schedule 3 Species</i>
<i>Fraxinus excelsior</i>	Ash	O	<i>Schedule 3 Species</i>
<i>Geum urbanum</i>	Wood avens	O	<i>Schedule 2 Species</i>
<i>Ilex aquifolium</i>	Holly	O	<i>Schedule 3 Species</i>
<i>Ranunculus repens</i>	Creeping buttercup	O	
<i>Rosa canina</i> agg.	Dog rose	O	<i>Schedule 3 Species</i>
<i>Sambucus nigra</i>	Elder	O	<i>Schedule 3 Species</i>
<i>Ulmus procera</i>	English elm	O	<i>Schedule 3 Species</i>
<i>Hyacinthoides non-scripta</i>	Bluebell	R	<i>Schedule 2 Species</i>
<i>Quercus robur</i>	English oak	R	<i>Schedule 3 Species</i>
<i>Rumex sanguineus</i>	Wood dock	R	


Hedgerow Ref	H4			
Hedgerow height	3.5m			
Hedgerow width	3m			
Signs of management	No recent signs			
Does the hedge have the appearance of being over 30 years old?	Yes	 <i>North face of H4 (viewed from F2)</i>		
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No			
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	Yes (bluebell)			
Further assessment (30m sampling) required and undertaken?	Yes			
Features and Connections	Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) ⁴			
Hedge length (m)	190m	Sample 1	Sample 2	Sample 3
Wall/bank along at least half its length?	No	Hawthorn	Hawthorn	
Average of at least one standard tree per 50m?	No	Elder	Elder	
3+ woodland ground flora species (listed on Sch. 2) within 1m?	No	English oak	Field maple	
Ditch along at least half of the hedgerow?	No	Blackthorn	Holly	
Parallel hedge within 15m of the hedgerow?	No		English elm	

Hedgerow Ref	H4			
Gaps less than 10% of hedgerow length?	Yes			
Connection (<10m) with another hedgerow? (1pt each)	2			
Connection (<10m) with a pond? (2pts each)	0			
Connection (<10m) broadleaved woodland? (2pts each)	0			
Average woody species (Schedule 3)	4.5			
Total features score	1			
Does this hedge meet the wildlife and countryside criteria for Importance?	Yes – hedgerow contains WCA Schedule 8 species bluebell			
Target Note			Hedgerow Regulations 1997 Schedules	
<i>Crataegus monogyna</i>	Hawthorn	D	Schedule 3 Species	
<i>Hedera helix</i>	Ivy	F		
<i>Prunus spinosa</i>	Blackthorn	F	Schedule 3 Species	
<i>Rubus fruticosus</i> agg.	Bramble	F		
<i>Silene dioica</i>	Red Campion	F		
<i>Urtica dioica</i>	Nettle	F		
<i>Geum urbanum</i>	Wood avens	O	Schedule 2 Species	
<i>Hyacinthoides non-scripta</i>	Bluebell	O	Schedule 2 Species	
<i>Ilex aquifolium</i>	Holly	O	Schedule 3 Species	
<i>Quercus robur</i>	English oak	O	Schedule 3 Species	
<i>Sambucus nigra</i>	Elder	O	Schedule 3 Species	
<i>Ulmus procera</i>	English elm	O	Schedule 3 Species	
<i>Acer campestre</i>	Field Maple	R	Schedule 3 Species	
<i>Bryonia dioica</i>	White bryony	R		
<i>Veronica hederifolia hederifolia</i>	Ivy-leaved speedwell	R		

Hedgerow Ref	H5		
Hedgerow height	3.5m		
Hedgerow width	4m		
Signs of management	No recent signs		
Does the hedge have the appearance of being over 30 years old?	Yes		
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No		
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	Yes (bluebell)		
Further assessment (30m sampling) required and undertaken?	Yes		
		East face of H4 (viewed from F5)	

Hedgerow Ref		H5		
Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) ⁴		
Hedge length (m)	92m	Sample 1	Sample 2	Sample 3
Wall/bank along at least half its length?	No	Hawthorn		
Average of at least one standard tree per 50m?	Yes	Hazel		
3+ woodland ground flora species (listed on Sch. 2) within 1m?	Yes	English oak		
Ditch along at least half of the hedgerow?	No	Blackthorn		
Parallel hedge within 15m of the hedgerow?	No			
Gaps less than 10% of hedgerow length?	Yes			
Connection (<10m) with another hedgerow? (1pt each)	2			
Connection (<10m) with a pond? (2pts each)	0			
Connection (<10m) broadleaved woodland? (2pts each)	0			
Average woody species (Schedule 3)	4			
Total features score	3			
Does this hedge meet the wildlife and countryside criteria for Importance?	Yes – hedgerow contains WCA Schedule 8 species bluebell			
Target Note		Hedgerow Regulations 1997 Schedules		
<i>Prunus spinosa</i>	Blackthorn	D	Schedule 3 Species	
<i>Crataegus monogyna</i>	Hawthorn	A	Schedule 3 Species	
<i>Hedera helix</i>	Ivy	F		
<i>Arum maculatum</i>	Lords-and-Ladies	O	Schedule 2 Species	
<i>Corylus avellana</i>	Hazel	O	Schedule 3 Species	
<i>Galium aparine</i>	Cleavers	O		
<i>Geranium robertianum</i>	Herb-Robert	O	Schedule 2 Species	
<i>Hyacinthoides non-scripta</i>	Bluebell	O	Schedule 2 Species	
<i>Quercus robur</i>	English oak	O	Schedule 3 Species	
<i>Veronica hederifolia</i>	Ivy-leaved speedwell	O		
<i>Stellaria holostea</i>	Greater Stitchwort	R		

Hedgerow Ref	H6
Hedgerow height	2m
Hedgerow width	1.5m
Signs of management	Cut regularly

Hedgerow Ref	H6		
Does the hedge have the appearance of being over 30 years old?	Yes		
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No		
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No		
Further assessment (30m sampling) required and undertaken?	No		
Does this hedge meet the wildlife and countryside criteria for Importance?	No (insufficient woody species)		
Target Note		Hedgerow Regulations 1997 Schedules	
<i>Crataegus monogyna</i>	Hawthorn	A	<i>Schedule 3 Species</i>
<i>Fraxinus excelsior</i>	Ash	A	<i>Schedule 3 Species</i>
<i>Urtica dioica</i>	Nettle	F	
<i>Galium aparine</i>	Cleavers	O	
<i>Geum urbanum</i>	Wood avens	O	<i>Schedule 2 Species</i>
<i>Hedera helix</i>	Ivy	O	
<i>Arum maculatum</i>	Lords-and-Ladies	R	<i>Schedule 2 Species</i>
<i>Hyacinthoides x massartiana</i>	Hybrid bluebell	R	

- 3.3 Six hedgerows H1a, H1c, H2, H3, H4 and H5 were taken forward for further assessment. Five hedgerows H1a, H2, H3, H4 and H5 found to qualify as 'important' under the Hedgerows Regulations in terms of the wildlife and landscape criteria. However, all were found to be species poor hedgerows and the assignment of 'importance' was due solely the presence of the Schedule 8 species bluebell *Hyacinthoides non-scripta* identified within the base of these hedgerows.
- 3.4 Currently, no Wildlife & Countryside Act 1981 species, including Schedule 1 birds or Schedule 5 bat species, use any of the mature trees within the hedgerow assessed as nest or roost sites. A number of the trees have been identified as having the potential to support bat roosts.
- 3.5 Should any nest or roost sites be confirmed in trees associated with hedgerows in the future, then the hedgerows in which they are located would be categorised as 'important'.
- 3.6 It should also be noted that since the use of nest or roost sites can change within and between years that hedgerows can be classed as 'important' even if one of these species is not currently using a known nest or roost site.

4.0 Conclusions

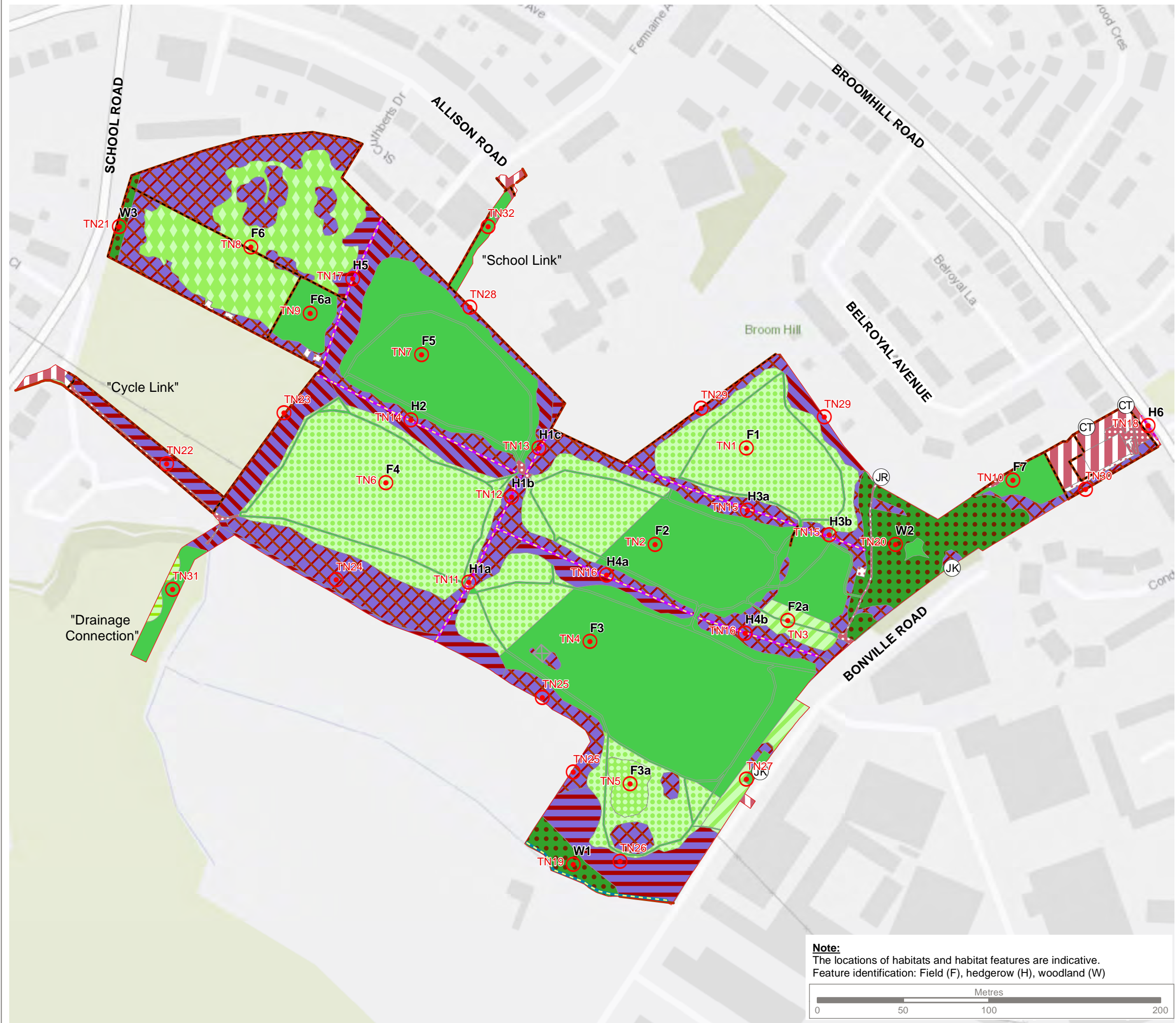
- 4.1 Five of the hedgerows surveyed have been assessed to qualify as “important” under the Hedgerows Regulations 1997 under the ‘wildlife and landscape’ criteria. These are hedgerows H1a, H2, H3, H4 and H5. This conclusion is drawn solely due to the presence of WCA Schedule 8 species bluebell. Otherwise, all hedgerows assessed were found to fail the wildlife and landscape criteria of the Hedgerow Regulations Schedule 1 due to the lack of appropriate woody species and associated features.
- 4.2 All native hedgerows also qualify as HPI and are therefore a material consideration for planning decisions. Native hedgerows provide foraging, commuting and refuge habitat for a range of faunal species, including protected species, and form part of a network of hedgerows across the wider landscape. As such, the hedges are considered to have local importance within the landscape.
- 4.3 The Historic Environment Desk-based Assessment (Ref 7507.22.002) concludes all hedgerows and other outgrown vegetated boundaries, excluding H6 on Broomhill Road, are of historic cultural importance under the ‘archaeology and history’ criteria. Under these criteria, hedgerows H1-H5 are assessed as important due to their forming “an integral part of a field system pre-dating the Inclosure Acts”.



Drawings

G7507.20.011

Habitat Survey



KEY

Site boundary

Target Note (TN)

Schedule 9 Non-native Invasive Plants

CT

Cotoneaster (*C. horizontalis*)

JK

Japanese knotweed (*Fallopia japonica*)

JR

Japanese rose (*Rosa rugosa*)

Habitat Survey (UKHab)

h2a - Hedgerow (priority habitat)

r2b - Other rivers and streams

u1e(68) - Urban linear feature - wall

u1e(69) - Urban linear feature - fence

g3 - neutral grassland

g3c - Other neutral grassland

g3c5 - Arrhenatherum neutral

g3c6 - Lolium-Cynosurus neutral grassland

g3c8 - Holcus-Juncus neutral grassland

g4 - Modified grassland

h3a6 - Other blackthorn scrub

h3d - Bramble scrub

h3h - Mixed scrub

u1b - Developed land, sealed surface

u1b5 - Buildings

u1c - Artificial unvegetated unsealed

w1g - Other woodland, broadleaved

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Site Map

Broom Hill

Eastwood Farm Open Space

Brislington Brook

70 • Broom Hill

1:20,000

Rev	Description	Drawn	Approved	Date
RR	CB	VG	1:2,250 @ A3	22/02/2022

TEP

THE ENVIRONMENT PARTNERSHIP

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Project
Brislington Meadows

Title
Habitats Baseline

Drawing Number
G7507.20.011

Drawn	Checked	Approved	Scale	Date
RR	CB	VG	1:2,250 @ A3	22/02/2022

Note:
The locations of habitats and habitat features are indicative.
Feature identification: Field (F), hedgerow (H), woodland (W)

Metres

050100200



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