

Technical Appendix 10.3: Protected
Species Survey

Figure 4.22: Bat Survey Methods and BRP
Results

Overhead line infrastructure

- Existing tower for removal
- Existing 132kV overhead line to be removed
(following construction of the KTR Project)
- Access point

Access to towers for removal

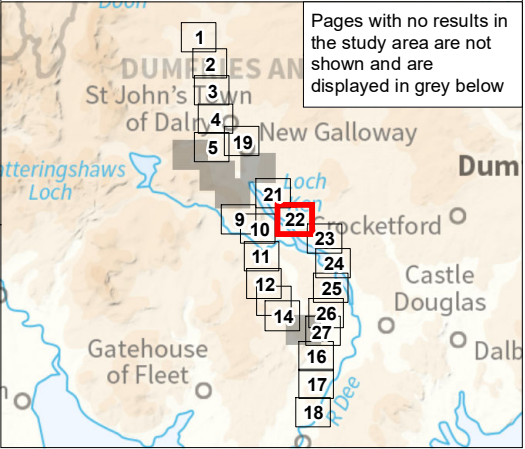
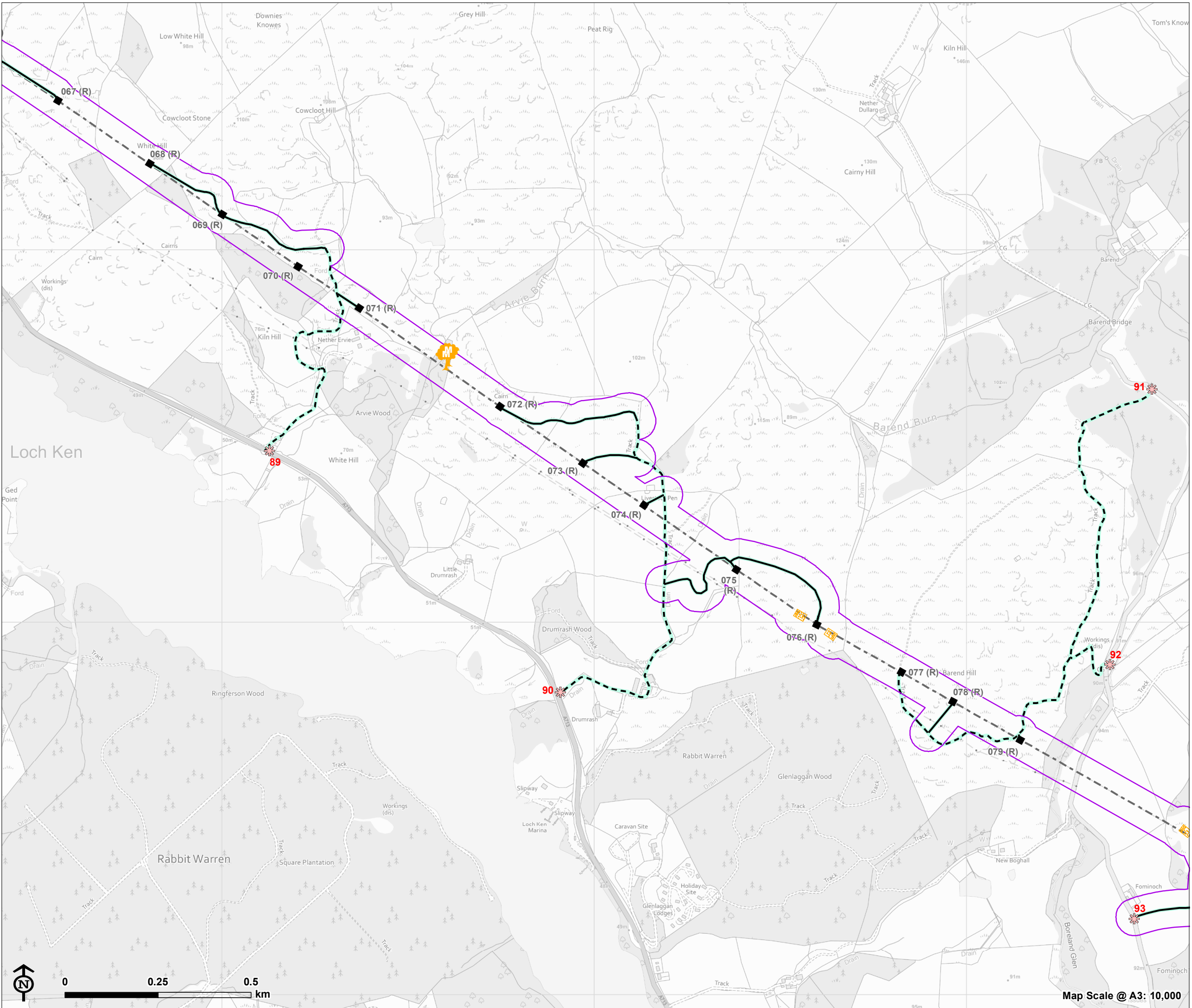
- Existing access
- New access
- Working area

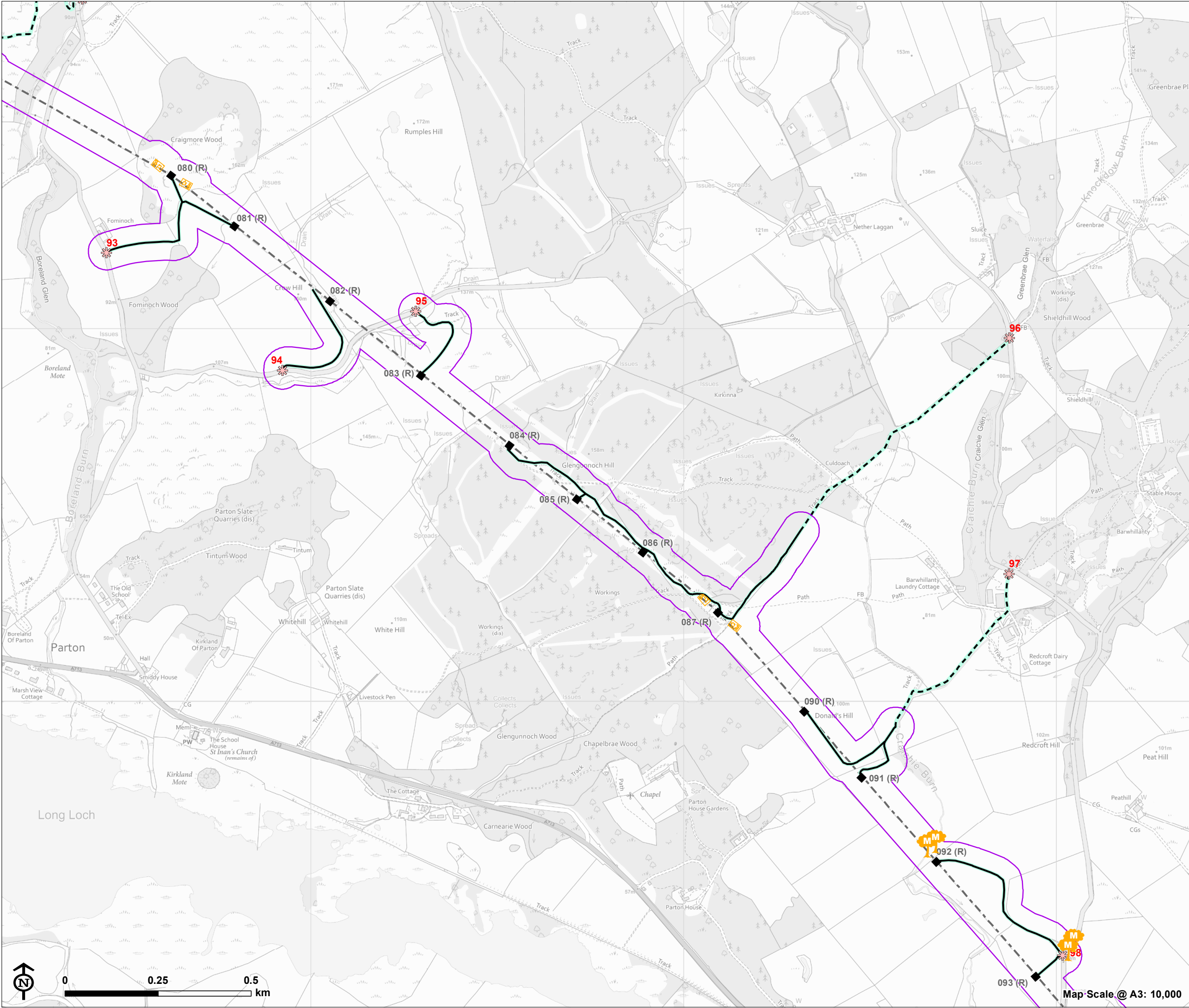
Bat Protected Species Survey

- Study area

Tree with Bat Roost Potential (BRP)

- BRP Moderate



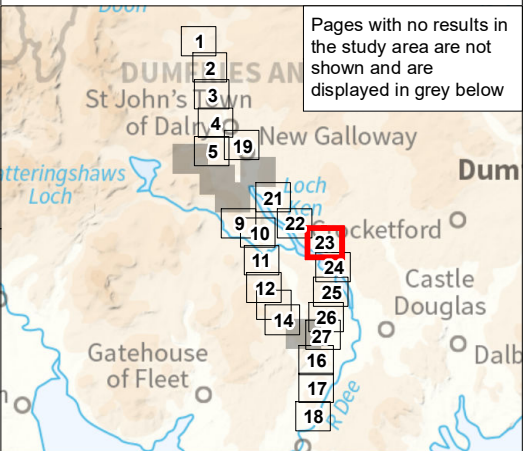


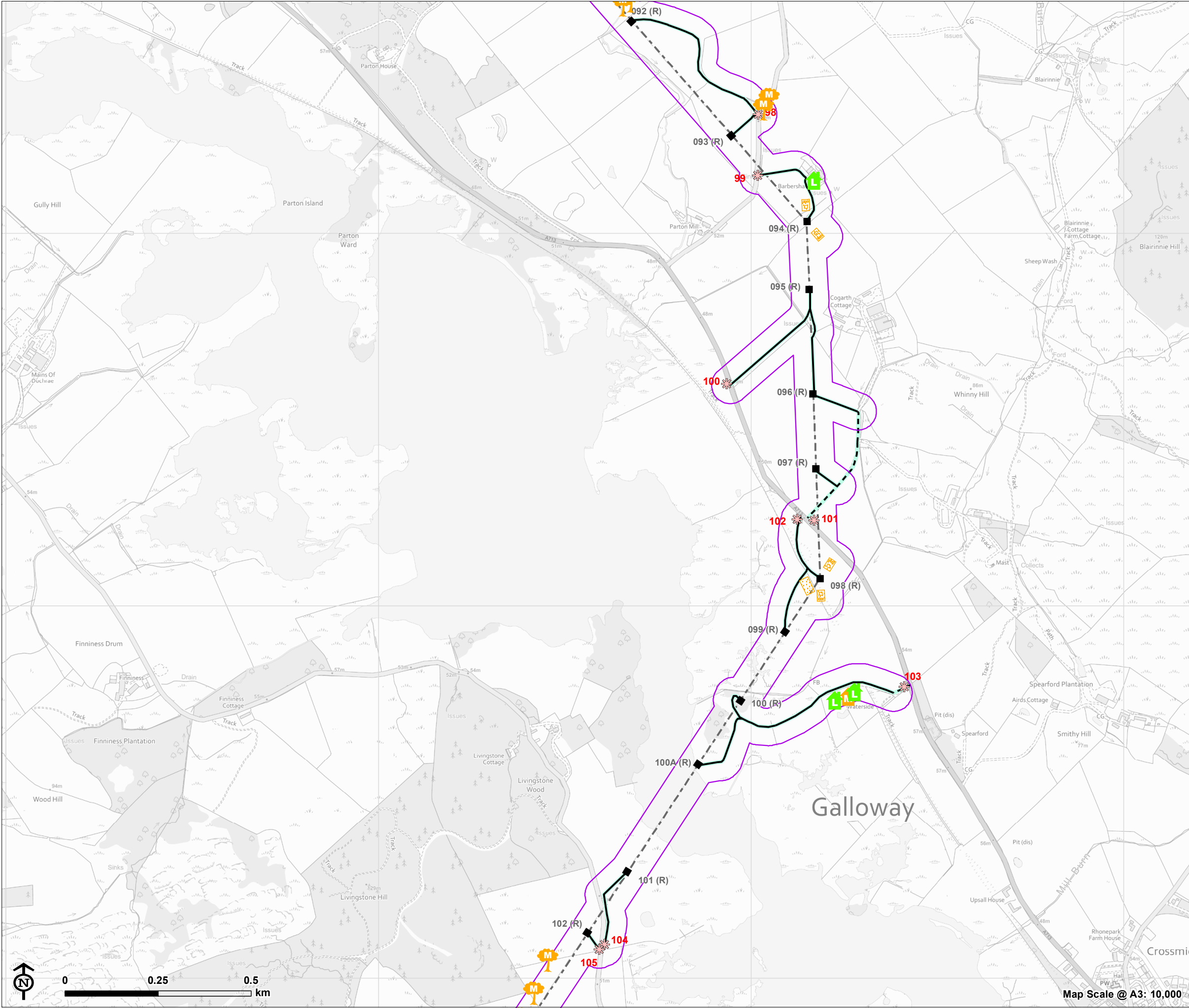
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Figure 4.23: Bat Survey Methods and BRP Results

- Overhead line infrastructure**
- Existing tower for removal
 - Existing 132kV overhead line to be removed (following construction of the KTR Project)
 - Access point
- Access to towers for removal**
- Existing access
 - New access
 - Working area
- Bat Protected Species Survey**
- Study area
- Tree with Bat Roost Potential (BRP)**
- BRP Moderate



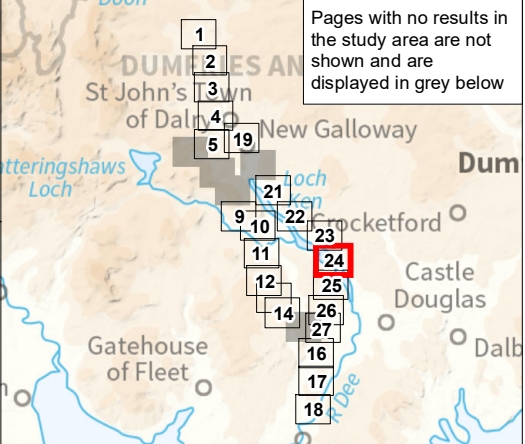


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**Figure 4.24: Bat Survey Methods and BRP
Results**

- Overhead line infrastructure**
- Existing tower for removal
 - Existing 132kV overhead line to be removed (following construction of the KTR Project)
 - Access point
- Access to towers for removal**
- Existing access
 - New access
- Working area**
- Working area
- Bat Protected Species Survey**
- Study area
- Structure with Bat Roost Potential (BRP)**
- BRP Moderate
 - BRP Low
- Tree with Bat Roost Potential (BRP)**
- BRP Moderate



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Figure 4.25: Bat Survey Methods and BRP
Results

Overhead line infrastructure

- Existing tower for removal
- Existing 132kV overhead line to be removed
(following construction of the KTR Project)
- Access point

Access to towers for removal

- Existing access
- New access

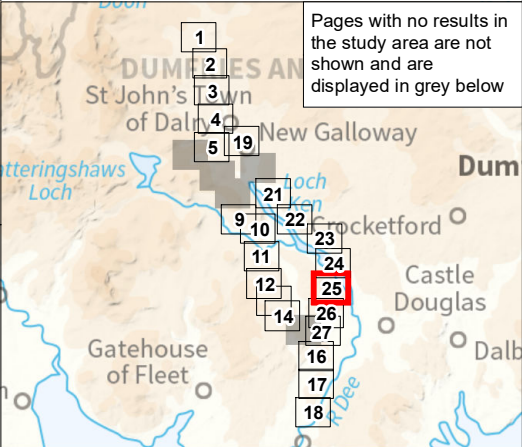
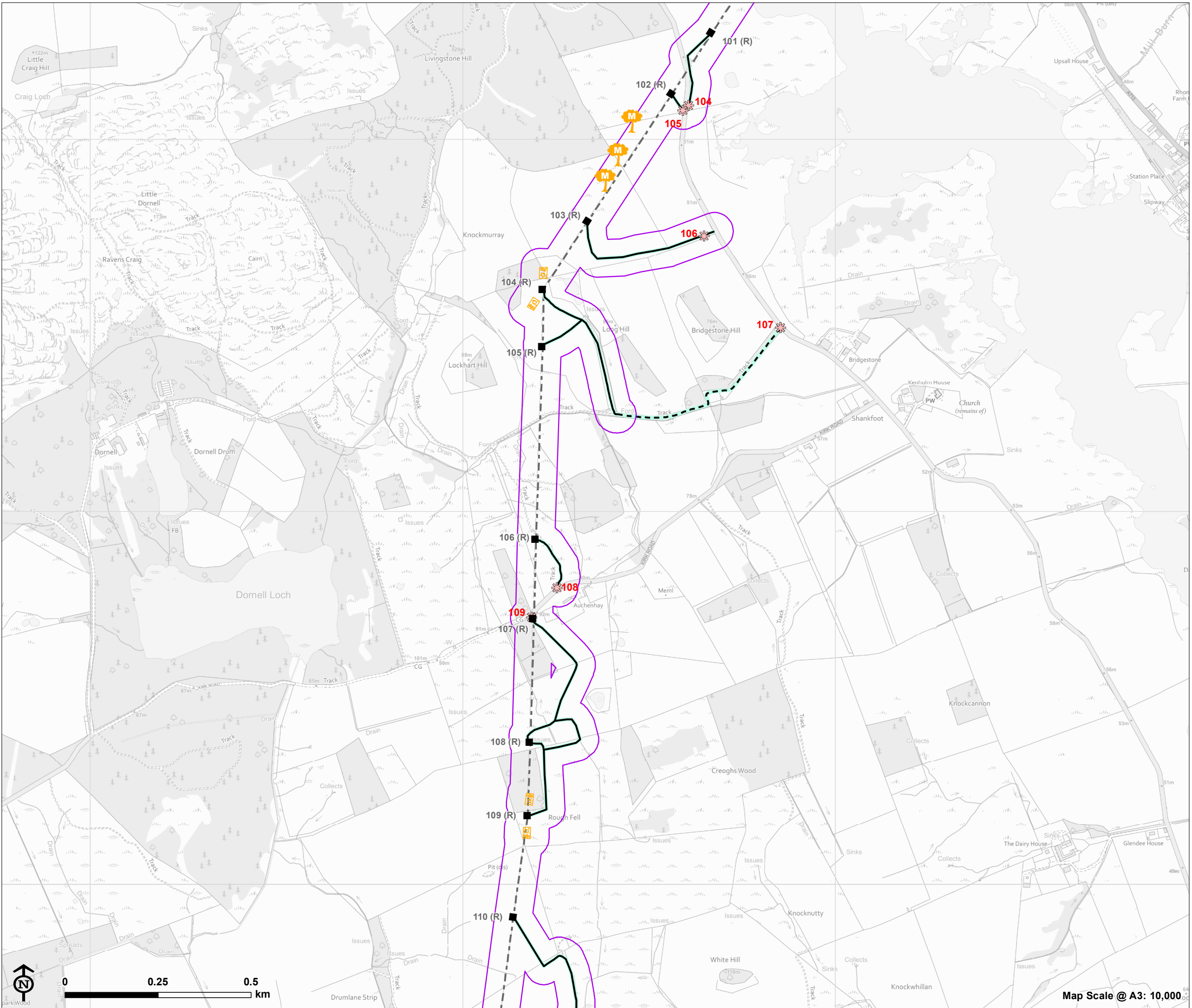
- Working area

Bat Protected Species Survey

- Study area

Tree with Bat Roost Potential (BRP)

- BRP Moderate



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Figure 4.26: Bat Survey Methods and BRP
Results

Overhead line infrastructure

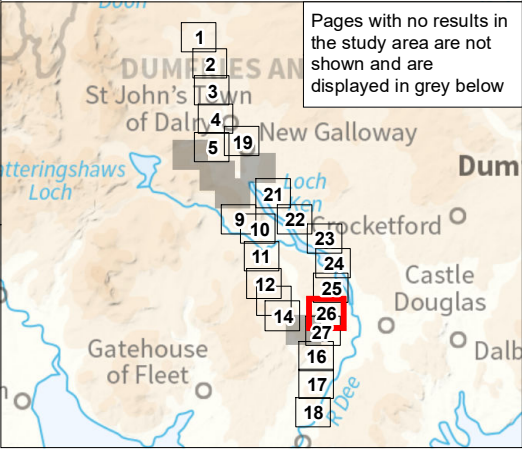
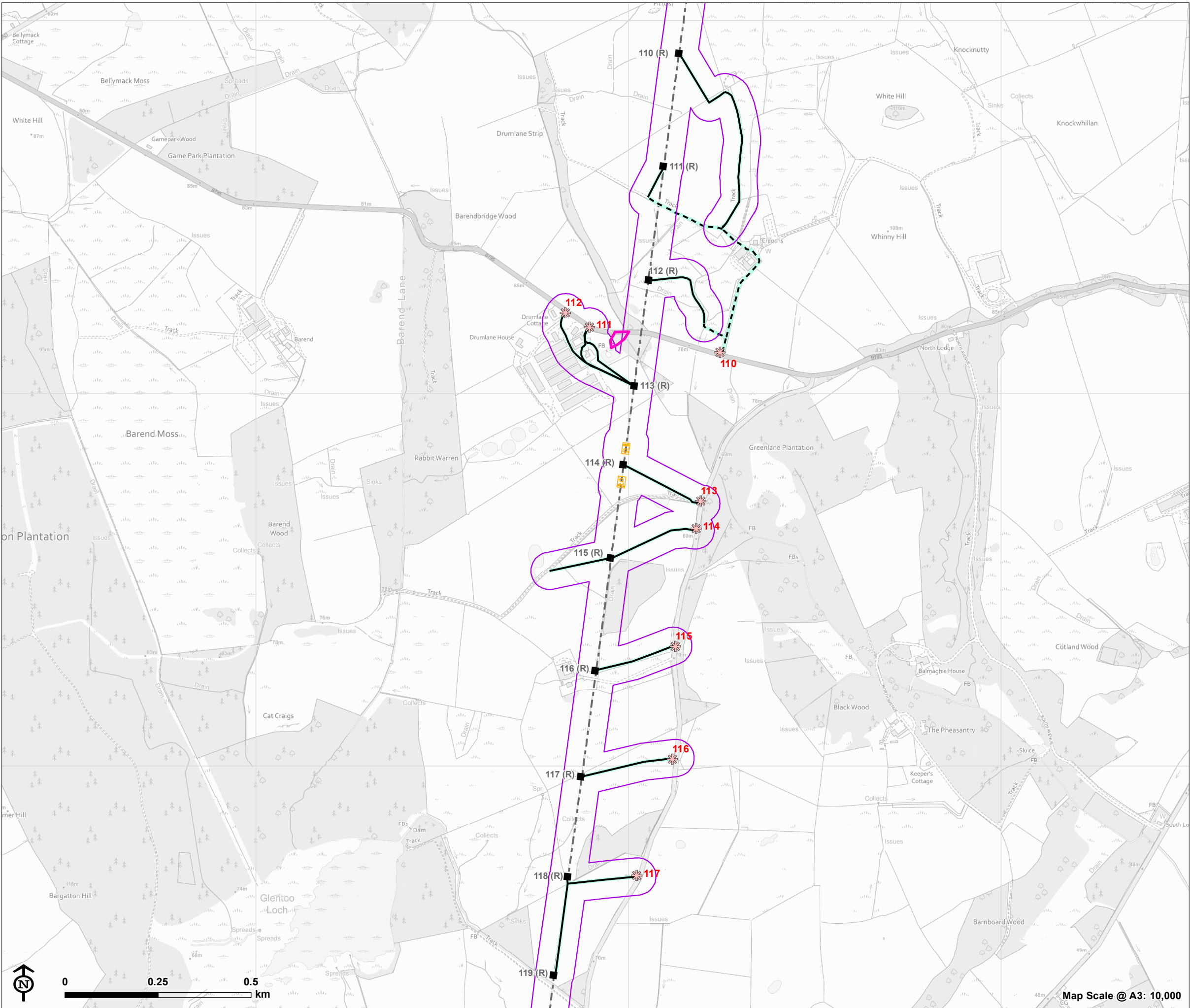
- Existing tower for removal
- Existing 132kV overhead line to be removed
(following construction of the KTR Project)
- Access point

Access to towers for removal

- Existing access
- New access
- Working area

Bat Protected Species Survey

- Study area
- Woodland with multiple trees with BRP



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**Figure 4.27: Bat Survey Methods and BRP
Results**

Overhead line infrastructure

-  Glenlee to Tongland (steel lattice tower)
-  Existing tower for removal
-  Existing 132kV overhead line to be removed
(following construction of the KTR Project)
-  Access point

Access to proposed towers

-  New access
-  Timber extraction spur

Access to towers for removal

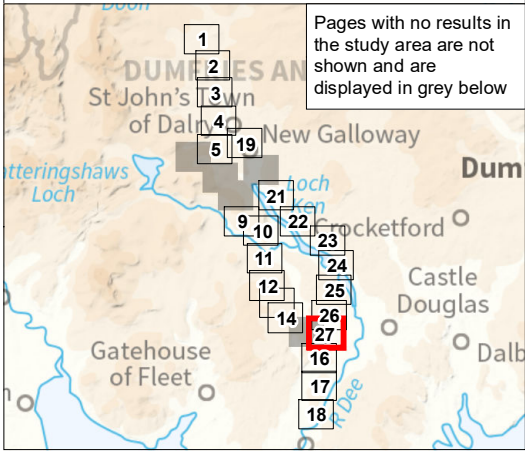
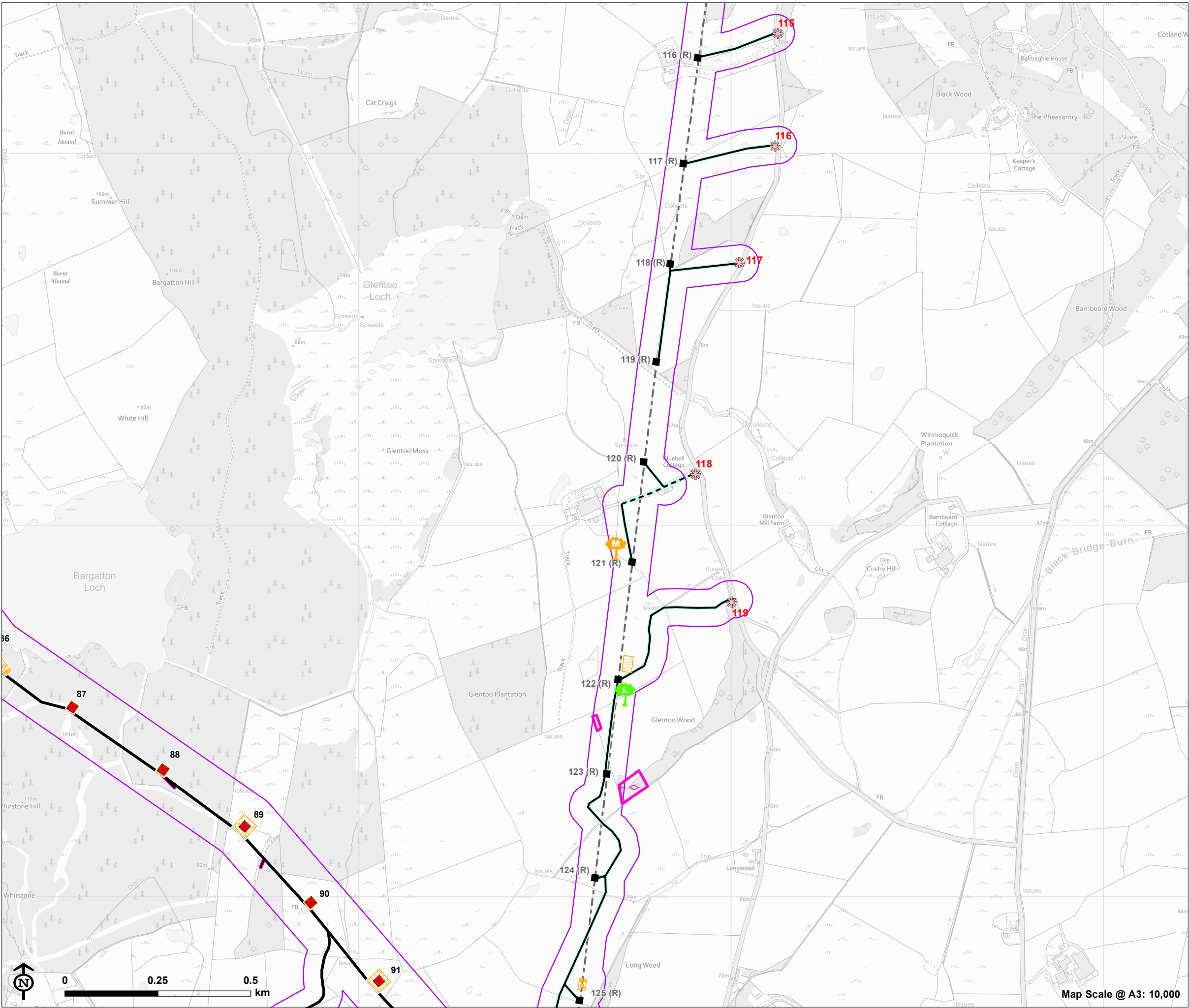
-  Existing access
-  New access
-  Working area

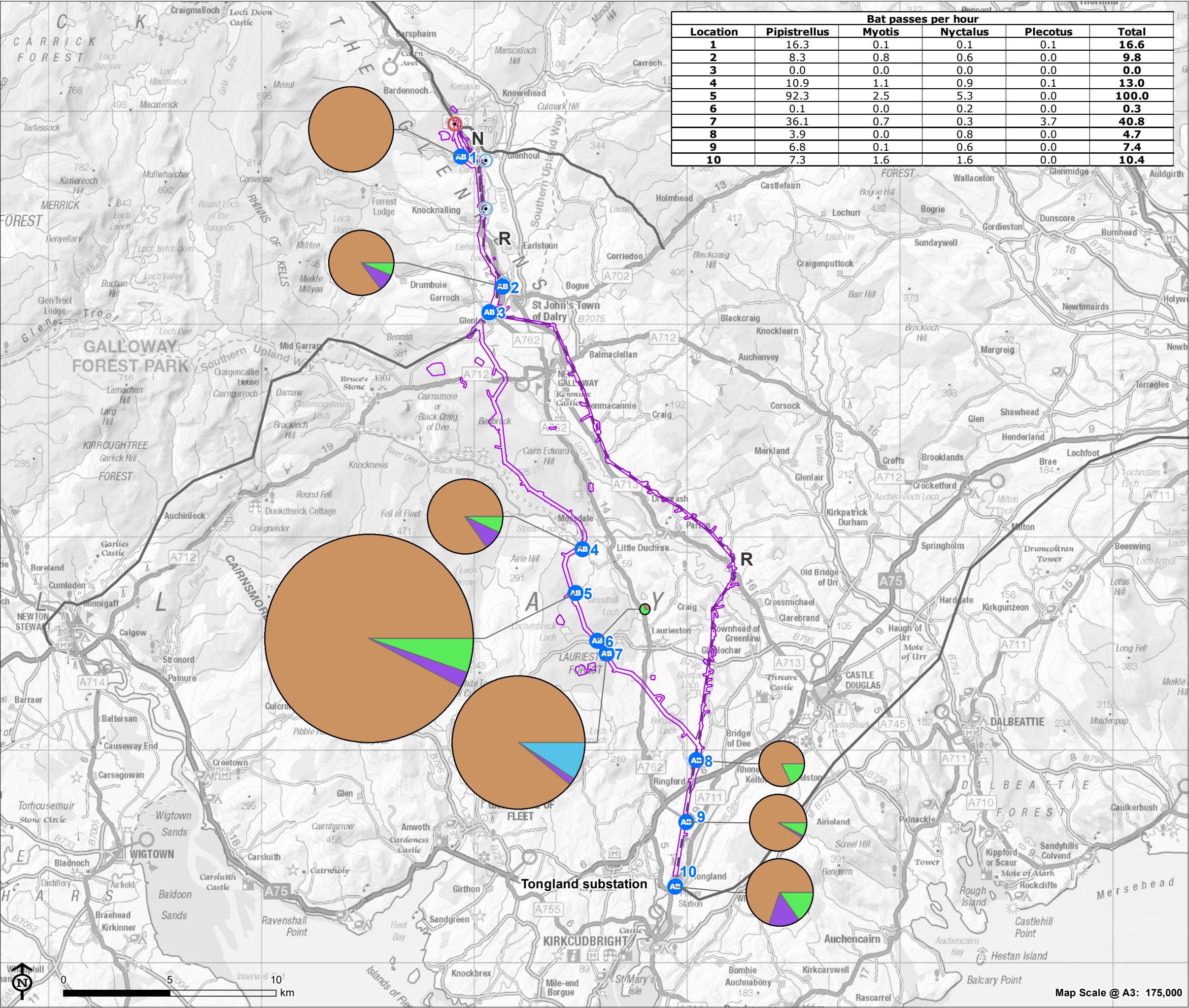
Bat Protected Species Survey

-  Study area

Tree with Bat Roost Potential (BRP)

-  BRP Moderate
-  BRP Low
-  Woodland with multiple trees with BRP





Bat passes per hour					
Location	Pipistrellus	Myotis	Nyctalus	Plecotus	Total
1	16.3	0.1	0.1	0.1	16.6
2	8.3	0.8	0.6	0.0	9.8
3	0.0	0.0	0.0	0.0	0.0
4	10.9	1.1	0.9	0.1	13.0
5	92.3	2.5	5.3	0.0	100.0
6	0.1	0.0	0.2	0.0	0.3
7	36.1	0.7	0.3	3.7	40.8
8	3.9	0.0	0.8	0.0	4.7
9	6.8	0.1	0.6	0.0	7.4
10	7.3	1.6	1.6	0.0	10.4

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Figure 5: Anabat Survey Results

- Polquhanity sealing end and terminal tower
- Substation and hydro electricity generating station
- Existing 132kV overhead line to be removed (following construction of the KTR Project)
- Existing network

Bat Protected Species Survey

- Study area
- Anabat location

Anabat Survey Results (bat passes per hour)

- Size represents total bat passes per hour
- Pipistrellus
- Myotis
- Nyctalus
- Plecotus

Annex 2

Site Photography



Photograph 1: Suspected Otter holt entrance



Photograph 2: Otter spraint



Photograph 3: Otter spraint consisting of crayfish



Photograph 3: Pine Marten on baited feeding station



Photograph 3: Squirrel feeding remains



Photograph 4: Red squirrel on baited feeding station

References

ⁱ Gurnell, J & Pepper, H (1994). Red Squirrel Conservation: Field Study Methods. Research Information Note 255. Forestry Commission, Edinburgh.

ⁱⁱ The Mammal Society (2012). UK BAP Mammals: Interim Guidance for Survey Methodologies, Impact Assessment and Mitigation.

ⁱⁱⁱ Collins, J. (ed) (2016). Bat Surveys for Professional Ecologists: Good Practice Guidelines (3rd Edition). The Bat Conservation Trust, London.

^{iv} Scottish Natural Heritage (2016). Protected Species Advice for Developers: Otters

^v Strachan, R. & Moorhouse, T. (2006). Water Vole Conservation Handbook 2nd Edition. Wildlife Conservation Research Unit, University of Oxford, Oxford.

^{vi} ARG UK (2010). Advice Note 5: Great Crested Newt Habitat Suitability Index