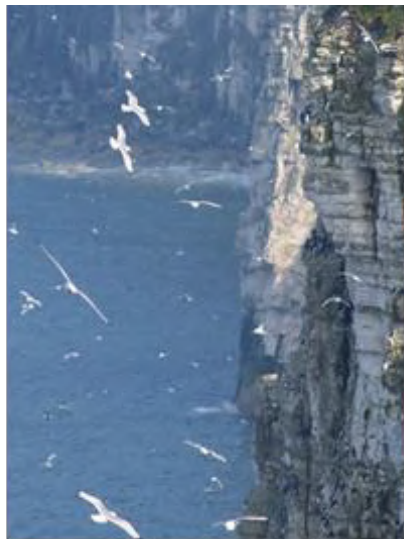




Preliminary Ecological Appraisal

Mendalgief Road, Newport

For

LNT Construction Ltd

Report Ref.: LNT001-019-002/001/001

August 2024

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Figure 1: Site Location, Study Area and Desk Study Results

Figure 2: Extended UK Habitat Classification Survey Results

Figure 3a and 3b: Photographs of the Site

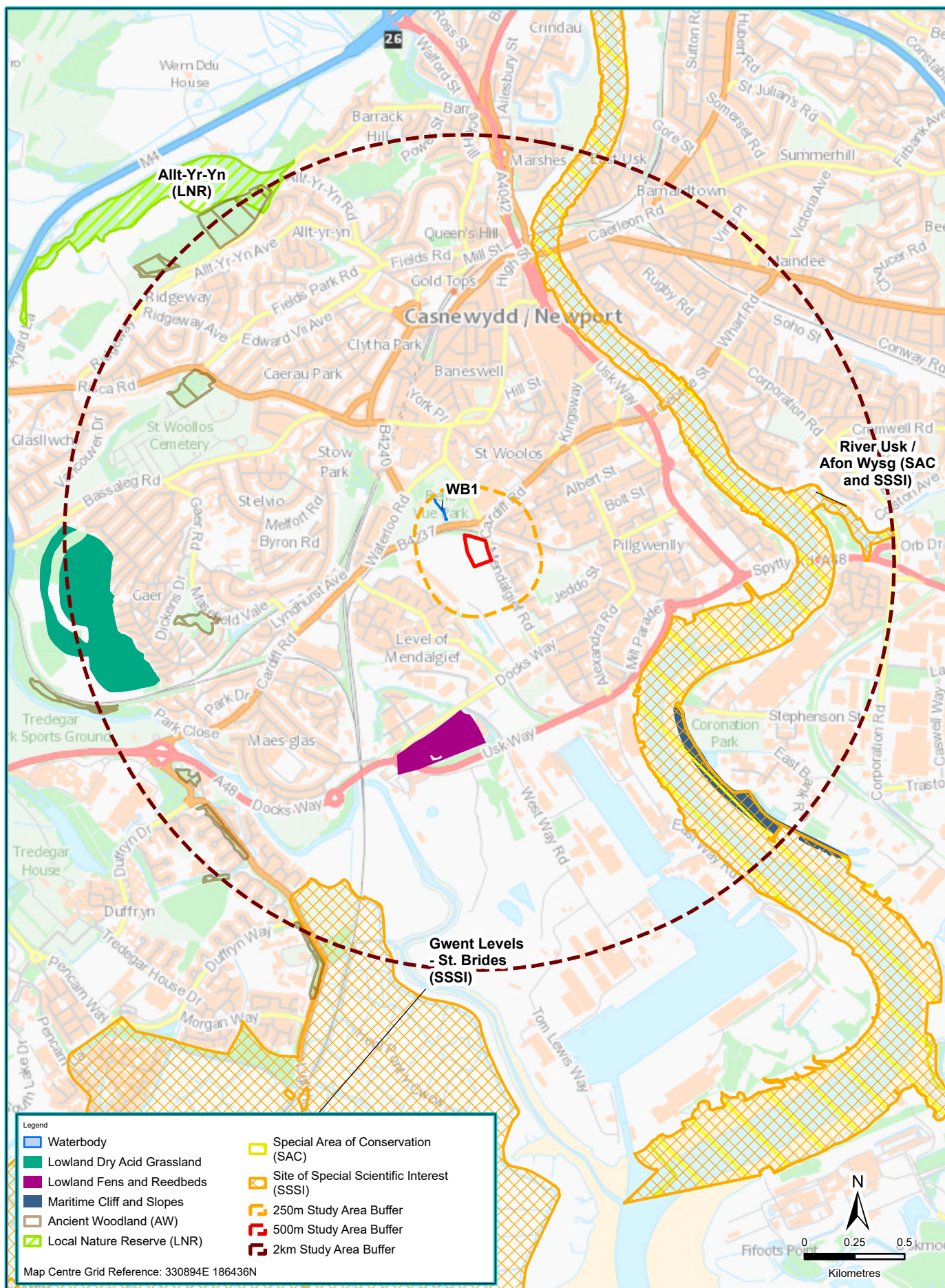
1. Summary

- 1.1.1 LNT Construction Ltd is preparing a planning proposal for the construction of a new care home on a 0.69ha site near Mendalgief Road, Newport, NP20 2SH. The site location is shown on Figure 1. The site currently consisted of mixed scrub, old steel works associated buildings, sparsely vegetated urban land and artificial unvegetated unsealed surface. The project will require the demolition of all existing buildings and clearance of all existing habitats based on the design plan shown in Appendix 1.
- 1.1.2 Thomson Environmental Consultants was commissioned to undertake a Preliminary Ecological Appraisal of the site, including an ecological desk study, habitat survey and assessment of the sites baseline biodiversity value.
- 1.1.3 As shown on Figure 1, records for statutory designated sites and priority habitats were collated for a 2km study area and or non-statutory designated sites, protected species and species of conservation concern-for a 1km study area. A search was also undertaken for the presence of waterbodies within a 250m study area (see Figure 1).
- 1.1.4 A habitat survey, using the UK Habitat Classification (UKHab) methodology, was undertaken during a site visit carried out on the 17th June 2024, the main habitats on site were found to be mixed scrub, old steel works associated buildings, sparsely vegetated urban land and artificial unvegetated unsealed surface (see Figure 2).
- 1.1.5 Table 1.1 summarises the main findings, plus recommendations designed to enable compliance of the project with regards to legislation and planning policy in relation to ecological features and biodiversity. Further avoidance, mitigation or compensation measures may be required following any further surveys.

Table 1.1: Summary of results and recommendations

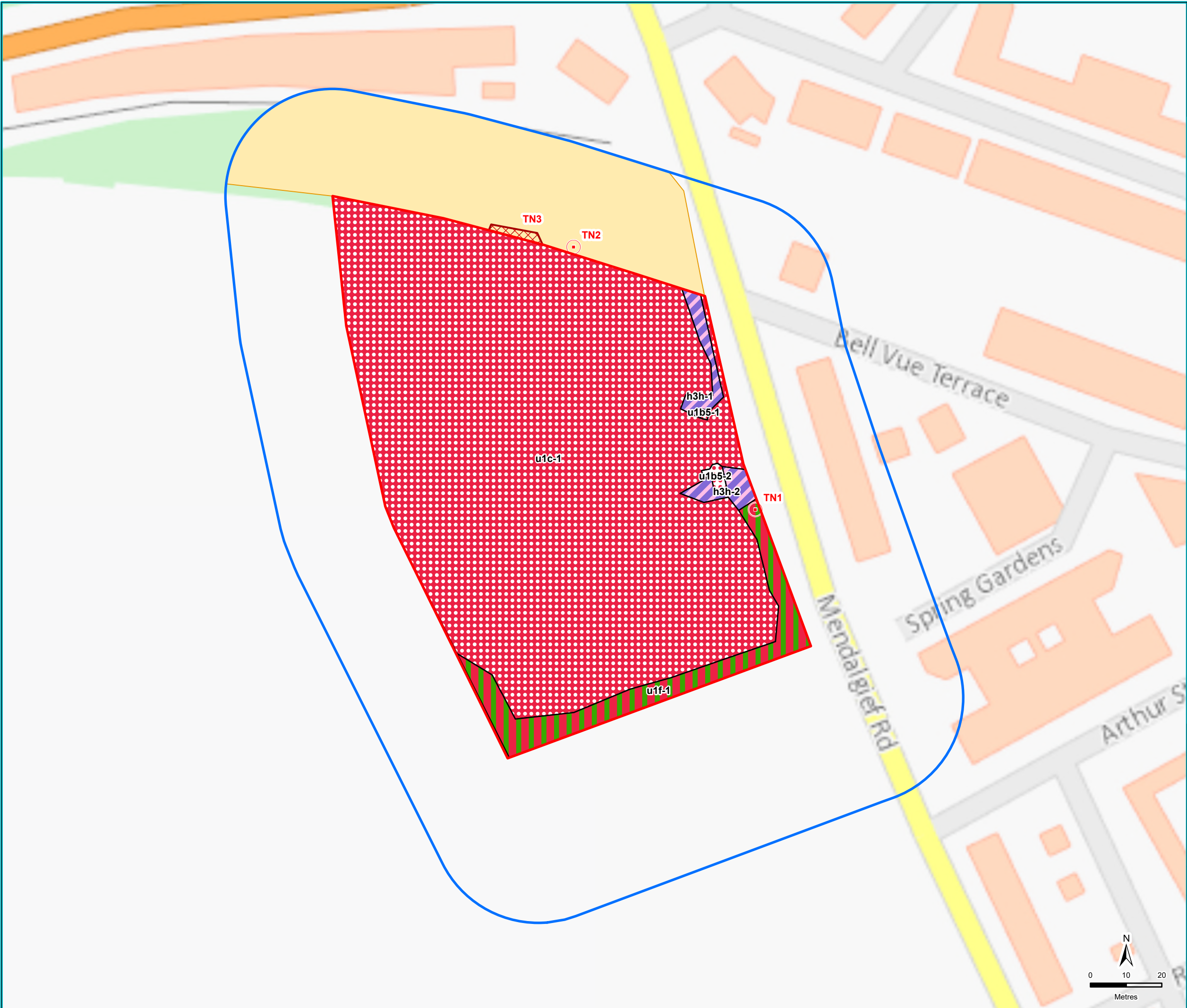
Ecological Feature	Desk and Field Study Summary	Recommendations
Statutory designated sites	The nearest statutory designated site is the River Usk Special Area of Conservation (SAC) & Site of Special Scientific Interest (SSSI), 0.93km from the site.	Control of off-site emissions of sediment, dust and chemicals.
Non-statutory designated sites	The nearest non-statutory designated site is Allt-Yr-Yn Local Nature Reserve (LNR), 1.90km from the site.	Control of off-site emissions of sediment, dust and chemicals.
Badger	There is suitable habitat for badger on the site, located directly adjacent to the north of the site.	Precautionary measures during construction to prevent harm to badger, under a Precautionary Method of Works (PMoW) document.
Birds	Records of breeding bird species were returned in the desk study and there is suitable nesting habitat on site. Birds of Conservation Concern (BoCC) Red and Amber listed species, including Schedule 1 species were noted.	Further assessment/surveys is required for Schedule 1 species such as Black redstart and Dartford warbler. Clearance of suitable nesting habitat outside of the bird breeding season (October to February) is advised, upon completion of specified surveys, above. If this is not possible, nesting bird checks should be carried out prior to removal of any vegetation on site and under ecological supervision.
Bats	Records of bat species were returned in the desk study and there is suitable habitat for roosting bats on site and good commuting/ foraging habitat, particularly along the northern boundary.	Further survey effort is required to assess the potential of all trees and buildings on the site to support roosting bats. A Ground Level Tree Assessment (GLTA) is recommended for the site and (TN1). A Preliminary Roost Assessment (PRA) is recommended for the two buildings (u1b5-1 and u1b5-2, see Figure 2).
Great crested newts (GCN)	No records of GCN were returned in the desk study. A single waterbody was recorded within 250m of the site.	No further water bodies were identified within the 250m buffer, no further assessment is required. See section 6.6.20 for further information.

Hedgehog and common amphibians	Records were returned within the study area and there is suitable habitat present on the site.	A check by an ecologist in suitable habitat in advance of works and relocation if required.
Reptiles	Records of reptiles were returned within the study area and there is suitable habitat present on site which will be impacted.	Further survey to determine likely presence/ absence of reptiles on the site.
Invasive non-native plant (INNS) species	Japanese knotweed was recorded on the site and within the desk study.	Legal and appropriate control/ removal of Japanese knotweed in accordance with best practice guidance by certified personnel.



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Figure Number	1	Scale at A4	1:26,000	
Figure Title	Site Location, Study Area and Desk Study Results	Drawn SC Date 02/08/2024	Checked AS Date 02/08/2024	

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- Legend
- Target Note
 - Target Note
 - h3h - Mixed scrub
 - u1b5 - Buildings
 - u1c - Artificial Unvegetated Unsealed Surface
 - u1f - Sparsley vegetated urban land
 - Restricted Access
 - Survey Buffer
 - Site Boundary

Map Centre Grid Reference: 330903E 186929N

Contains Ordnance Survey data
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This map has been drawn at a sufficient level of accuracy to fulfil the requirements of a UK Habitat Classification survey. The level of accuracy depends on both the size of the area involved and the base mapping. Every effort has been made to create a map that is as accurate as possible. However, this map is not intended to represent a scaled landscape survey so should not be used to pin-point accurate engineering work or as a basis for detailed site planning.

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Figure Number	
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Figure Title	

Extended UK Habitat
Classification Survey Results