

5 YEAR MAINTENANCE SCHEDULE (for Planning purposes only)

Replacement (general)
Any plants that fails to establish within a period of 5 years from completion are to be replaced in the next planting season with others of similar size and species unless written consent is provided by the Local Authority to vary the approved details.
Any seeding that fails to establish within a period of 5 years from completion or occupation is to be reseeded the following seeding season.

Restrictions

Trimming or tree removal should be undertaken outside nesting bird season which is March to August inclusive unless checked by a suitably experienced ecologist.

Contract	Management Objectives	Code	Operations	Time of Year	Frequency (per Year)	Year 1-5
1. General maintenance requirements to all planted areas, unless otherwise stated in the detailed schedule below.	To maintain high standard planting schemes across site and ensure healthy establishment of plants.	A	Inspect tree stakes, ties and anchors and replace where necessary. Year 5	March - September	Annually	X
		B	Inspect tree stakes, ties and anchors and replace where necessary. Year 5	February and after strong winds	Annually	X
2. New tree planting (incl. standard trees)	To ensure that trees establish and remain in a healthy condition.	A	Watering - Year 5	As necessary during dry spells, or indicated in the detailed schedule below.	As required - daily in dry spells mainly April - September.	X
		B	Watering - during establishment and to ensure continued survival of trees and shrubs.	February and after strong winds	As required	X
3. Existing Trees	To ensure continued healthy growth of trees and safety of the site	A	Remove dead or dying trees and branches	As necessary during dry spells, or indicated in the detailed schedule below.	As required - daily in dry spells mainly April - September.	X
		B	Remove dead or dying trees and branches	February and after strong winds	As required	X
4. Existing Native Hedgerows	To maintain existing hedgerows to a shaped profile	A	Inspect hedgerows for signs of disease, insect damage or other problems	As necessary during dry spells, or indicated in the detailed schedule below.	As required	X
		B	Inspect hedgerows for signs of disease, insect damage or other problems	February and after strong winds	As required	X
5. Existing Native Hedgerows	To encourage healthy growth of new hedgerows.	A	Establishment of new hedgerows	As necessary during dry spells, or indicated in the detailed schedule below.	As required	X
		B	Establishment of new hedgerows	February and after strong winds	As required	X
6. Native Hedgerow	To encourage healthy growth of new hedgerows. To provide more fuel, berries, flowers and nesting opportunities. To protect from rabbit damage during establishment phase.	A	Establishment of new hedgerows	As necessary during dry spells, or indicated in the detailed schedule below.	As required	X
		B	Establishment of new hedgerows	February and after strong winds	As required	X
10. Native Shrub Mix	To create a good, healthy block of semi-natural vegetation.	A	Establishment of new shrub mix	As necessary during dry spells, or indicated in the detailed schedule below.	As required	X
		B	Establishment of new shrub mix	February and after strong winds	As required	X
11. Mixed Native Scrub	To create and maintain a range of features - a diversity of shrub species, age and structure. To retain its character and value to wildlife and prevent it from developing into woodland.	A	Establishment of new scrub mix	As necessary during dry spells, or indicated in the detailed schedule below.	As required	X
		B	Establishment of new scrub mix	February and after strong winds	As required	X
12. Wet Woodland Edge	To create a good, healthy block of semi-natural vegetation.	A	Establishment of new woodland edge	As necessary during dry spells, or indicated in the detailed schedule below.	As required	X
		B	Establishment of new woodland edge	February and after strong winds	As required	X
13. Existing Ditches	To maintain the greatest species diversity. To prevent ditch banks from becoming too open, light or ditched.	A	Establishment of new ditches	As necessary during dry spells, or indicated in the detailed schedule below.	As required	X
		B	Establishment of new ditches	February and after strong winds	As required	X
14. Hedgerow Meadow Mix	To maintain the greatest species diversity. To provide more fuel, berries, flowers and nesting opportunities. To protect from rabbit damage during establishment phase.	A	Establishment of new meadow mix	As necessary during dry spells, or indicated in the detailed schedule below.	As required	X
		B	Establishment of new meadow mix	February and after strong winds	As required	X
15. Armenty Grassland	Good amount of even colour and smooth gradients. Height maximum 50cm	A	Establishment of new grassland	As necessary during dry spells, or indicated in the detailed schedule below.	As required	X
		B	Establishment of new grassland	February and after strong winds	As required	X
16. Hedgerow Meadow Mix	To maintain the greatest species diversity. To provide more fuel, berries, flowers and nesting opportunities. To protect from rabbit damage during establishment phase.	A	Establishment of new meadow mix	As necessary during dry spells, or indicated in the detailed schedule below.	As required	X
		B	Establishment of new meadow mix	February and after strong winds	As required	X
17. Wetland Meadow Mires	To develop a variety of vegetation structure, which can withstand flooding for short periods, but are usually well drained in drier periods. To provide more fuel, berries, flowers and nesting opportunities. To protect from rabbit damage during establishment phase.	A	Establishment of new mires	As necessary during dry spells, or indicated in the detailed schedule below.	As required	X
		B	Establishment of new mires	February and after strong winds	As required	X
18. Bird Boxes	To provide nesting opportunities	A	Inspect bird boxes and clean as required to remove waste.	As required	Annually	X
		B	Inspect bird boxes and clean as required to remove waste.	February and after strong winds	As required	X
19. Bat Boxes	To provide roosting opportunities	A	Inspect bat boxes and clean as required to remove waste.	As required	Annually	X
		B	Inspect bat boxes and clean as required to remove waste.	February and after strong winds	As required	X
20. Hedgerow Home	To provide nesting opportunities	A	Inspect hedgerow home to ensure it is not damaged or vandalised (visual inspection)	As required	Annually	X
		B	Inspect hedgerow home to ensure it is not damaged or vandalised (visual inspection)	February and after strong winds	As required	X
21. Hedgebank Features - Hedges	To provide nesting opportunities	A	Inspect hedgebank features to ensure they are not damaged or vandalised (visual inspection)	As required	Annually	X
		B	Inspect hedgebank features to ensure they are not damaged or vandalised (visual inspection)	February and after strong winds	As required	X

Note: Non routine operations are listed in this table as required during both the defects and long term maintenance including when they should be undertaken throughout the year. Note that the table should be used as a guide only. It does not include every specific operation but all crossing and intermediate maintenance actions should occur during the routine maintenance visits. Contractor is responsible for the appearance and condition of the landscape areas and should be prepared to undertake specific maintenance tasks outside the above periods throughout the year to satisfy management or safety objectives.

GENERAL NOTES

- Ecus drawing references: 18618A_LD_01 for plant schedule 18618A_LD_02 for outline specification 18618A_LD_03 maintenance schedule
- Refer to Arboricultural report for details of existing vegetation to be retained and protection measures. Report produced by Ecus Ltd titled 'University of Hull Photovoltaic Project, Hill Road - BS 3537/2012 Arboricultural Report, Impact Assessment and Method Statement (September 2022 for 18618C_V2.0)'
- Hill Road Site ID: 2022 ID: Studio Six Architects Ltd
- Building foundations to be confirmed by Engineer with reference to planning proposals and NHTC guidance (or alternative where applicable). Tree locations to be fully co-ordinated once building foundation depth are confirmed.
- Refer to Engineer's details for level and drainage information - Setting out on site to be agreed with Landscape Architect
- Check all dimensions on site.
- Do not scale from this drawing
- Report any discrepancies and omissions to Ecus Ltd
- This drawing is Copyright
- All levels indicative only. Extrapolated from site levels. All require to be checked.
- All details subject to approval by the local authority for the design or relevant planning conditions.

3RD PARTY INFORMATION

NB This drawing includes information provided by independent surveyors and / or consultants, to whom all queries shall be made. Ecus Ltd can accept no liability for its context or accuracy.

DESIGN

Unless stated otherwise, the designs shown are subject to detailed site survey, investigations, and legal definition, the CDM regulations and the comments and / or approval of the various relevant Local Authority Officers, Statutory Undertakers, Fire Officers, Engineers and the like. They are copyright, project specific and confidential. No part is to be copied or copied in any way without the express prior consent of Ecus Ltd.

TREE NOTES


Note that all tree and shrub locations are subject to coordination with services, to be undertaken by others. The requirement for root barriers is to be confirmed by an engineer. Note that it is best practice that root barriers are required to extend 2m beyond the mature canopy spread of new trees to protect all structures and hard landscape elements, such as highways, services and buildings. In addition, root barriers are required for all new trees within 5m of highways - e.g Greenleaf Report 2000 or similar. Depth of tree root barrier to be confirmed by an engineer once services design has been produced at construction detail. Install to manufacturer's and engineer's guidance.

CDM - Risks / Hazards

- Proposed locations of landscape elements shown are subject to the presence of below ground services. A detailed survey is to be undertaken and necessary method statements prepared and approved prior to undertaking any excavations / work within this area.
- Care to be taken when working in proximity to the surrounding existing roads and railway.
- Care to be taken when working in proximity to surrounding water features such as drain/ditches.
- Care to be taken when clearing the existing site due to the potential presence of needles, litter etc.

ID	RISK	MITIGATION	DATE OF MITIGATION
RESIDUAL PROJECT RISKS			
A	05.10.22 HT	Ecus	For Planning
B	16.11.22 HT	Ecus	For Planning

DRAWING STATUS: Preliminary



UNIVERSITY OF HULL,
PHOTOVOLTAIC INSTALLATION
Hill Road (Site B) Cottingham

Soft Landscape Proposals - Maintenance Schedule
Sheet 3 of 3

Drawn by	Date	Scale	Dwg. no.
HT	Sept 22	NTS@A1	18618B-LD-03