5 YEAR MAINTENANCE SCHEDULE (for Planning purposes only)

Replacements (general)

Any plants that fails to establish within a period of 5 years from the completion are to be replaced in the next planting season with others of Any seeding that fails to establish within a period of 5 years from completion or occupation is to be re-seeded the following seeding season

Restrictions
Thinning or tree remains oval should be und

		thriv	IQ I I I I I I I I I I I I I I I I I I	schedule below.	September.
	JIII IT	Rem	yval of debris and litter replacements and reinstatement to Year 5 when	reoruary and after strong winds Throughout November to March	Annually and as required following inspetach maintenance visit. Annually next following planting season.
Now two wlanting line! standard trees.	G G G H A procure that trace actablish and remain in a healthy condition. A	Ferti Top to sp	Ided Ser p mulch to 60mm or 75mm depth (bark or gravel - refer I scification) scification) scification for the gravel control fertiliser, tree guv	March November	Annually. Annually.
nulti-stemmed specimens and feathered rees) . Existing Trees	To ensure continued healthy growth of trees and safety of the site A	wires. Mainta depth of Inspection	refirming formative pruning) ain 1m diameter weed free area, adjust soil and maintain a of mulch ct to record pests and diseases, deadwood, impaired clogical and structural condition	As necessary following inspection Late spring/summer and following severe weather (heavy snow, strong wind)	As required. Annually.
. Existing Native Hedgerows	To maintain existing hedge to A-shaped profile A	as w Trim	management operations or removal as required riving Tree Preservation Orders and Conservation Areas is all as wildlife legislation) Ing/ alternate sides on an annual basis to promote ing/ fruit	As necessary in winter or immediately following receipt or inspection report if urgent action is required November- February	As required. Once annually on alternate sides.
. Existing Planting	To ensure continued healthy growth of planting.	acco a) W	g to encourage best display of given species, taking into it of natural habit and form: ter flowering be flowering between March and luky	Spring	Annually
	0 8	b) SI c) SI Thin Wee	ubs flowering between March and July ubs flowering between July and October ng Control	Prune immediately after flowering Prune back to old wood in winter As necessary following inspection March- September	Annually Annually Annually if required As required
. Native Hedgerow	To ensure the healthy establishment of new hedgerows. A To encourage bushy side growth of hedgerow and maintain A.	Soil Esta	ration vel readjustment/ edging ishment pruning- heavy trim sides first year to	ber- March	When required Annually First year.
	Shaped profile once established. To provide more fruit, berries, flowers and nesting opportunities. To protect from rabbit damage during establishment phase.	side: Trim berri	age businy side grown i briowed by light till intil established. ing- alternate sides on an annual basis to po	November- February	Once, annually on alternate sides, from Yonwards.
0. Native Shrub Mix	To create a good, healthy block of semi-natural vegetation. A	Ensu appli until Strin dam	re the area is kept entirely free of weeds by careful vation of Roundup 3 times per annum around each shrub canopies close. off weed growth and remove arisings off site. Avoid ge to tree and shrub stems from nylon filament rotary to conther mechanical tools.	As necessary following inspection As necessary following inspection	3 times per annum.
1 Wet Woodland Edge	To create a good healthy block of semi-natural vegetation A	After 5 be low disturb	5 years establishment, management of the planting will - w key with minimal management intervention to reduce bance and allow a semi-natural vegetation establish.	April and August During windless weather	Twice a year
2. Existing Ditches	Maintain to achieve the greatest species diversity. A Prevent encroachment by vegetation. Control overhaning vegetation to maintain more open, light	Trimmi Cut ba Selecti arrising	ning ack overhanging vegetation street tive thinning vegetation within the ditches (Leave go no side of ditch for 7 days and then remove from site)	November- March September-November September-November	Every two years. Annually Annually
3. Hedgerow Meadow Mix ›.g. Emorsgate EH1 - Hedgerow Mixture or ›imilar	Maintain to achieve the greatest species diversity. A r Prevent future encroachment by scrub/ saplings. Control coarse grasses from outcompeting perennial wildflowers.	Year until Cont	1 Establishment cut (to a height of 40-60mm). Don't cut inid-late summer. Remove cuttings if dense nue cutting through to the end of March the next year. Dig sav residual paramatal weeds such as docks.	August (cut and remove vegetation) September-March	1 Up to 6 times
		Cuttin Zonec habite bounc more further grass again every that n part a twice cases	y residual perennial weeds such as docks. g (after establishment): I management often produces the best diversity of at structure: areas closest to the hedge / woodland at yor underneath solar panels and those which are shaded are left uncut in most years. Areas that are r from the margin and more open can be managed as land habitat. Underneath solar panels and 2-3 metres st vegetated boundaries could be left largely uncut - c 2 years. This cutting is best done on a rotational basi o more than half the area is cut in any one year leavin s a undisturbed refuge. More open areas cut are cut a year. When cut - cut to 40-60mm after flowering. Ir	October -February	Twice year for open areas. Once every t
4. Amenity Grassland	Good sward of even colour and smooth gradients. Height A maximum 50mm B	Rein	s. remove the clippings. Itatement of eroded / damaged areas: In remove arisings, trim edges and collect trimmings- ming edges to paths	May-September April-October Autumn	As required 15 visits. Maintain 50-70mm height. Annually
	סחוד	Fertilis Fertilis Light s Weed	er- Spring er- Autumn carification / raking control	April October March March - October	Annually Annually Annually (if required) As required
 Wildflower Meadow Mix E.g. Emorsgate EM3 - Special General Purpose Meadow Mixture or similar 	Maintain to achieve the greatest species diversity. Prevent future encroachment by scrub/ saplings. Control coarse grasses from outcompeting perennial wildflowers. B	Year 40-6 if de Cont	TESTADIISHMENT CUT (MOW All plant grown to a neight of limm). Don't cut until mid-late summer. Remove cuttings se	Montrly, April-October September-March	Up to 6 times
	0	Cutti com sprir to gir Augu or tra seec grow	(residual perennial weeds such as docks.) (after establishment) Main summer 'hay' cut in lation with mowing or grazing in autumn and possibl Do not cut or graze from spring through to July/Aug species chance to flower. After flowering in July or take a 'hay cut': cut back with a scythe, petrol strim for mower to c 50mm. Leave the 'hay to dry and she or 1-7 days then remove from site. Mow or graze the through to late autumn/winter to c 50mm and again if needed. Remove cuttings.	Hay cut - End of August / Early September (after flowering). Mow/ graze October-November and possibly March	3
6. Wetland Wildflower Meadow Mixes e.g :morsgate EP1 - Pond Edge Mixture or imilar	To develop a variety of vegetation structure, which can withstand A flooding for short periods, but are usually well drained in summer. Maintain to achieve the greatest species diversity. Prevent future encroachment by scrub/ saplings. Control coarse grasses from outcompeting perennial wildflowers	Year 1 Cut ba to keep spring, Cutting Cut tha floweri 7days, spring,	: Establishment cut - ck all plant growth after sowing regularly as ck all plant growth after sowing regularly as growth short (30-50mm), through winter i growth short (30-50mm), including one cu ee times a year to 50mm, including one cu ng in July/August (leave artsings to shed so them remove from site) and again in late a	Up to 7 times between October - April and once in July/August (after flowering) July/August (after flowering), November and April/May	Up to 8/as necessary between Oct-April
7.Rush Pasture within wet wildflower neadow	To develop a variety of vegetation structure, which can withstand A dampe and wet conditions. Maintain to achieve the greatest species diversity. Prevent future encroachment by scrub/ saplings.	Cutti rush year grou mos: swan least Rakk	I - do not cut all rushes at once as it could and associated wildlife. Cut on a rotation Use a brush-cutter with a blade, and cut level, to avoid scalping or breaking up the state of the	September-November September-November	
	0	alrea outw dom retur minii unde rege plan	rout in the previous year, so that ds and across the rushy area. Ai ted areas over a period of four or ig to the areas first cut. If management to remove any scrable or invasive species and entration of rushes following planting the reason of rushes following planting reasons.	As required.	As required
8. Bird Boxes	To provide nesting opportunities A To provide roosting opportunities A	Insp debr Mak	ct bird boxes and clean as required to remove waste, sand potential fleas/ ticks etc repairs/replace if missing too* bat boxes to ensure they are not inhabited by pests	October/ November September-February As required. Remove wasps in late winter / early spring	Annually As required Annually
onducted from a distance. Any invasive hecks to be undertaken by a licensed bat rorker.	D C B	Year 1 Cutting July - A dry and Octobe March	establishment cut SPRING SOWN establishment cut SPRING SOWN to 50mm (after establishment). ugust: After flowering take a 'hay cut'. Leave 'Hay' to I shed seed for 1-7 days then remove from site. I-November: Mow the re-growth and remove clippings.	Only when not inhabited. Careful Monitoring* to ensure they are empty beforehand. September / October July / August, October /November and March / April	As required 1 3
0.Hibernacula (reptile and amphibian)	To maintain hibernacula in a good condition. A Prevent encroachment of ruderal and woody species. B	Inspect conduc conduc signific remedit the folk active (reptiles suitably Cutting should rather t Grasska a strimm	ctions on the condition of the hibernacula should be local in November to ensure that they have not suffered stream damage or erosion throughout the year. Should diation works be necessary this should be carried out in llowing spring/summer when reptiles/amphibians are (March-October) to avoid disturbing hibernating ss/amphibian. These works should be supervised by a sly qualified ecologist. Ig of thick bramble, thistles, nettles, gorse and saplings doe undertaken during the winter and preferably by hand that surrounds the hibernacula should be cut using sland that surrounds the hibernacula should be cut using sland that surrounds the hibernacula should be cut using sland that surrounds the establishment of ruderal and woody	November Spring/Summer if necessary December-February	Annually As required From Y2, annually
1. Hedgehog Home	₩ >	Insperience of the control of the co	hedgehog home to ensure it is sed/missing (visual inspection) sed/missing (visual inspection) ut the hedgehog house once a set. Do not clean it out if a hedgehog	nspect insect house to ensure it is not damaged or vandalised/missing (visual inspection) _ate March to early April	As required Annually
2. Invertebrate features - insect ouse/tower	B >	up or p Inspect vandali Make r	Desis. Do not clean it out if a neugenog is in resident tinsect house to ensure it is not damaged or lised/missing (visual inspection) repairs/replace if missing	nspect insect house to ensure it is not damaged or vandalised/missing (visual inspection) Wake repairs/replace if missing	As required As required (repairs and cleaning to occur in summer and only when bees have vacated b tubes)

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, Snuff Mill Lane - BS 5837:2012 Arboricultural Report, Impact Assessment and Method Statement. (September 2022 ref 18618D V2.0).

- Building / Site Layout provided by Studio Six Architecture Ltd on Snuff Mill Lane Site (Dwg no 201 D).

- Building foundations to be confirmed by Engineer with reference to planting proposals and NHBC guidance (or alternative where applicable). Tree locations to be fully co-ordinated once building foundation depth are confirmed. Requirements for root barriers to be confirmed by an engineer.

- 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 discharge of 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 used or copied in anyway without the express prior consent of Ecus Itd.

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 'Reroot 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.

REV \Box ₽ RESIDUAL PROJECT RISKS DATE 05.10.22 16.11.22 09.03.23 RISK Ŧ DRAWN CHECKED REVISION COMMENT BY BY Ŧ HT Ecus Ecus MITIGATION For Planning For Planning DATE OF MITIGATION

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UNIVERSITY OF HULL,
PHOTOVOLTAIC INSTALLATION
Snuff Mill Lane (Site A) Cottingham

Title

Soft Landscape Proposals - Maintenance
Schedule
Scheet 3 of 3

Drawn by Date Scale Drg. no.

HT Sept 22 NTS@A1 18618A-LD-03

Drg. no.

18618A-LD-03