

Youth Activity Zone – Biodiversity Enhancement Management Plan

Triton Construction

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1. Introduction

1.1 Background

- 1.1.1 This Biodiversity Environmental Management Plan has been produced by Curra Terrae Land & Nature (CTLN) on behalf of Triton Construction for a circa 1.1-hectare (ha) area of land at Schwabisch Gmund Lane, Barnsley, centred around Ordnance Survey National Grid Reference (OS NGR) SE 34831 06639, hereafter referred to as 'the Site'.
- 1.1.2 Site proposals have been taken from the Bond Bryan Landscape Masterplan ('Youth Zone Activity Park – Landscape Masterplan', drawing number: BALU BBA YAP XX DR L 1012, Revision: P14, dated: 20/02/2025). This report is also informed by the following plans:
- Bond Bryan Existing Site Topography and Site Constraints plan ('Youth Zone Activity Park - Existing Site Topography and Site Constraints, Drawing No: BALU-BBA-YAP-XX-DR-L-1006 rev P03, dated: WIP).
 - Bond Bryan Soft Landscaping Strategy - Planting Plan and Schedule ('Youth Zone Activity Park - Soft Landscaping Strategy - Planting Plan and Schedule, Drawing No: BALU-BBA-YAP-XX-DR-L-2002 rev P02, dated: 10/02/2025).
 - Bond Bryan Soft Landscaping Strategy - Tree Plan and Schedule ('Youth Zone Activity Park - Soft Landscaping Strategy - Tree Plan and Schedule, Drawing No: BALU-BBA-YAP-XX-DR-L-2001 rev P02, dated: 10/02/2025).
- 1.1.3 This report should also be read in conjunction with the Preliminary Ecological Appraisal (PEA) 'Youth Activity Park, Barnsley- Preliminary Ecological Appraisal' Ref: 24905 v1.0, dated April 2025.
- 1.1.4 The BEMP has been produced to inform the discharge of a planning condition for Application 2022/0434 from the Barnsley Metropolitan Borough Council Local Planning Authority. Planning Condition number 30 states:

"Prior to commencement, a Biodiversity Enhancement Management Plan (BEMP) which would include the following shall be submitted to, and approved in writing by the Local Planning Authority:

- a plan of the areas to be maintained, enhanced and/or created;*
- a schedule of actions to create or enhance and maintain each habitat at the required quality for a period of 30 years;*
- a schedule of ecological monitoring for the 30-year period identifying when key indicators of habitat maturity should be achieved; and*

- *schedule of actions to be undertaken in case signs of failing being identified.*

The schedules must include the following details: details of the technique(s) to be used, equipment to be used, roles and relevant expertise of personnel and organisations involved and timing of actions including submission of monitoring report to the Council.

The BEMP will also include measures to be adopted on site to enhance opportunities for wildlife, such as bat, bird and insect boxes and access for hedgehogs. Thereafter the approved scheme shall be carried out in accordance with the approved details and timescales.

Reason: In the interests of the visual amenities of the locality and in accordance with Local Plan Policy BIO1."

- 1.1.5 This BEMP focuses on the operational phase of the development (i.e. the long-term impacts of the development on biodiversity) and how the Site can be enhanced for biodiversity. The impacts of the development are addressed in the aforementioned PEA report.
- 1.1.6 It is understood that a landscape management plan, including long term design objectives, management responsibilities and maintenance schedules for all landscape areas, is to be submitted to and approved by the Local Planning Authority to discharge condition 25 (2022/0434). The final landscape management plan once produced should operate in tandem with this BEMP.

1.2 Site Context

- 1.2.1 The Site is located within the Barnsley Council local authority, in the centre of Barnsley and adjacent to Barnsley train station to the west. The surrounding area is a predominantly urbanised with residential buildings, industrial units, car parks and recreational buildings dominating the north, south and west. Further east lies the River Dearne and an area of woodland and parkland. These habitats and the fishing Lake "The Fleets" to the north are the closest areas of semi-natural/natural habitats although they are all located over 600 m from the Site.
- 1.2.2 The Site is approximately 1.1 ha and habitats at the Site consisted of UK Habitat Classification types: developed land, sealed surface (u1b), artificial unvegetated, unsealed surface (u1c), sparsely vegetated urban land (u1f) and bramble scrub (h3d).

1.3 Proposals

- 1.3.1 The proposals for the Site, are displayed within the Landscape Masterplan and Landscape Planting Plans and Schedules (provided at Appendix 1 for reference). Proposals include the

construction of a youth zone, inclusive of associated access and facilities, as well as both hard and soft landscaping.

2. Biodiversity Enhancement and Management Plan

2.1 Overarching Objectives

- 2.1.1 Once construction has been undertaken on Site it is important to include biodiversity within the operational phase to ensure that the Site can still be utilised by wildlife, with features being installed during the construction phase as part of the enhancement and mitigation measures. This BEMP will aim to enhance the Site for biodiversity and to satisfy the Planning Condition number 30 stipulated by the Local Planning Authority.
- 2.1.2 The key ecological management objectives to achieve this aim are described as follows:
- Planting will work to enhance retained and include native species, those of known value to wildlife, ideally sourced from local nurseries to enhance foraging opportunities for birds, bats, invertebrates and other wildlife on Site.
 - Retention of key habitats including mature trees with value for foraging/commuting bats and foraging/nesting birds and potential wildlife corridor links for invertebrates and small mammals when combined with the proposed habitat creation at the Site. Planting will create a functional understorey in association with retained trees and wherever possible newly planted trees through new native scrub planting.
 - Ensuring that the functionality of the existing retained habitat and adjoining habitat is maintained for nocturnal wildlife, namely bats, via the implementation of a sensitive lighting strategy which will also apply to the wider Site planting scheme.
 - Creation of new habitats to benefit bats, birds, amphibians, invertebrates and small mammals through the provision of foraging/commuting and sheltering opportunities. The habitat creation works include wildlife friendly planting that incorporates British native species of local provenance. This includes proposed native shrub, proposed tree planting, a herbaceous SuDs-friendly mix including native flowering species and a native wildflower meadow mix using Emorsgate EM1 meadow mixture. The ornamental shrub and hedgerow mixes, non-native tree planting and non-native herbaceous species proposed as well as the amenity grassland mixture proposed will also provide benefits for wildlife including nectar/pollen sources and sheltering/commuting opportunities.

- Incorporation of features to enhance the value of the Site for specific species groups, such as bats, birds, hedgehogs and invertebrates.
- Signage, such as information boards at the Site, will be utilised to promote local awareness of biodiversity and key habitat features and any species-specific and habitat enhancement to be provided within the development.

2.2 Habitat Installation and Management

- 2.2.1 The Landscape Masterplan and Landscape Planting Plans and Schedules (Appendix 1) and any subsequent revisions thereof should be consulted for all details of habitats to be created and enhanced on Site including planting mixes and planting specifications.
- 2.2.2 It is understood that a detailed landscape management plan, including long term design objectives, management responsibilities and maintenance schedules for all landscape areas, is to be submitted to and approved by the Local Planning Authority to discharge condition 25 (2022/0434). The final landscape management plan once produced should be informed by this BEMP and both documents should work in conjunction with one another.
- 2.2.3 The subsequent section summarises the habitat and species-specific enhancement measures to be provided with Section 3 covering management responsibilities, monitoring and remedial measures and Section 4 covering key management and maintenance activities for proposed habitats and species.

General Measures

- 2.2.4 Signage, such as information boards at the Site, will be utilised to promote local awareness of wildlife including species-specific and habitat enhancement to be provided within the development.
- 2.2.5 A minimum of one A3 sign will be installed (Figure 1) which would inform readers of biodiversity enhancement measures undertaken as part of the development.

2.3 On Site Habitats

Developed land, sealed surface

- 2.3.1 The majority of the developed land, sealed surface across the Site will be lost and replaced with new hardstanding pertaining to the activity youth zone and associated infrastructure. This

habitat was of low ecological value and no specific measures are deemed necessary to compensate for the loss of this habitat on Site.

Artificial unvegetated, unsealed surface

- 2.3.2 It is anticipated that the majority of artificial unvegetated, unsealed surface across the Site will be lost and replaced with new hardstanding pertaining to the activity youth zone and associated infrastructure. This habitat was of low ecological value and no specific measures are deemed necessary to compensate for the loss of this habitat on Site. It is anticipated that some areas of this habitat type may naturally develop on Site post-development.

Sparsely vegetated, urban land

- 2.3.3 The area of sparsely vegetated urban land present along the northern boundary of the Site will be lost through development.
- 2.3.4 The grassland creation works on Site are considered to help to compensate for the loss of this habitat on Site. New native wildflower grassland as well as amenity grassland areas are proposed together with a herbaceous SuDs-friendly mix including native flowering species.
- 2.3.5 This grassland area will be managed sympathetically for wildlife, including a relaxed mowing regime to encourage species diversity and a varied sward structure across the Site.

Bramble scrub

- 2.3.6 The small area of bramble scrub located in the centre of the Site will be lost through development.
- 2.3.7 New areas of native and ornamental shrub planting will be created as part of proposals which will be enhanced through an appropriate management plan including weed removal as required until the shrub canopies have enclosed. A list of species for planting are shown in the Landscape Masterplan and Landscape Planting Plans and Schedules.
- 2.3.8 Planting will include a greater diversity than those species currently present on Site and uses a range of native species including species known to maximise flowering, pollen/nectar production.
- 2.3.9 Management will avoid the peak nesting bird season (March – August inclusive) with January and February being the most favourable months for shrub trimming to retain berries through the autumn and winter for foraging birds.

Scattered trees

- 2.3.10 Scattered trees located along the northern boundary and the two trees beech trees located in the southern boundary will be retained on Site.
- 2.3.11 Multiple new trees will be planted as part of proposals comprising a variety of pollen and berry producing species which will provide shelter and foraging opportunities for birds, bats and invertebrates. These will comprise native species including field maple *Acer campestre*, silver birch *Betula pendula*, hornbeam *Carpinus betulus*, common hawthorn *Crataegus monogyna*, small-leaved lime *Tilia cordata*, and rowan *Sorbus aucuparia* as well as several ornamental species.
- 2.3.12 These should be suitably protected during establishment and in the long-term by fencing as necessary with formal paths provided to focus footfall away from trees. All trees are to be planted over other vegetation whether that be grassland or shrub planting. All trees will be pruned and fertilised once annually as required to aid establishment.
- 2.3.13 Management will avoid the peak nesting bird season (March – August inclusive) with January and February being the most favourable months for shrub trimming to retain berries through the autumn and winter for foraging birds.

2.4 Protected Species

Bats

- 2.4.1 Several trees were recorded along the northern boundary of the Site with suitability for roosting bats which are all to be retained post-development (see PEA, CTLN 2025).
- 2.4.2 The provision of bat roosting opportunities will enhance the value of the Site for roosting bats. Post-development three bat boxes (e.g. Schwegler 1FD bat boxes) will be installed on retained trees located in the north of the Site as displayed in Figure 1.
- 2.4.3 Finalised positions should be micro sited in consultation with the ecologist, avoiding external light and with a clear flight path to the box entrances free from clutter. The boxes will be at a minimum height of 3-4 m (higher if possible). Boxes should be sited on southern aspects (ideally) or eastern /western aspects to enable them to warm up during the day; northern elevations should be avoided.
- 2.4.4 Planting of new native shrubs and trees will provide additional foraging and commuting habitats for bats. Planting and retention of trees will work to maintain and enhance habitat connectivity within the Site and to off-site vegetated habitats (e.g. residential gardens).

- 2.4.5 To maintain the value of on-Site habitats for foraging and commuting bats, a sensitive lighting scheme will be implemented to avoid direct lighting of features such as trees or bat boxes which may deter bats from utilising them. It is recommended that measures within the 'Bats and Artificial Lighting at Night' guidance document (Institution of Lighting Professionals, 2023) are implemented. This includes actions such as avoidance of lighting on retained and boundary habitats, to maintain these features as dark corridors and avoid impacts to foraging/commuting/roosting bats. Additionally, the Institution of Lighting Professionals guidance document (2023) should also be used to refer to appropriate specifications for luminaries to ensure those used are suitable for bats and minimise impacts as far as practicable. It is recommended that any security lighting uses downward directional light fittings on short PIR timers to minimise light spill and the time that lighting is on.

Birds

- 2.4.6 To enhance the bird nesting potential of the Site post development, three bird boxes will be installed on retained trees located in the south and north of the Site as displayed in Figure 1.
- 2.4.7 Bird boxes are to be incorporated at a minimum height of 3 m above ground level, in line with British Trust for Ornithology (BTO) guidance. These will include a mixture of boxes suitable for a variety of species (e.g. 1B Schwegler Nest Box 26 mm entrance and 1B Schwegler Nest Box 32 mm entrance). These will face areas of green space and other suitable foraging habitat to increase the potential for birds to utilise the new bird boxes. Finalised positions should be micro sited so as to provide a clear entrance into any given box. All nest boxes will be positioned to avoid true south aspects which carry a risk of overheating during the summer months.
- 2.4.8 Additionally, the planting of native shrubs and trees, hedgerow and wildflower grassland creation will enhance the value of the Site for nesting and foraging birds.

Invertebrates

- 2.4.9 Several common invertebrate species will benefit from the landscape proposals through the provision of native shrubs and trees, hedgerow and wildflower grassland by providing nectar/pollen sources and a management regime to ensure that a variety of habitats with a range of vegetation structures are present on Site in the long-term. This in turn will provide food sources for bats and birds as identified in the PEA report (CTLN, 2025).
- 2.4.10 As an absolute minimum one insect tower will be installed in the north east of the Site, mounted on a central post set into the ground, as displayed in Figure 1. Insect towers (such as the Elba Insect Tower, or similar design subject to availability) are vertical structures made of wood with boxes holding a variety of fillings (e.g. canes, bark, wood, rolled up corrugated cardboard, reeds and stones). They are mounted on a central post set into the ground. This will be incorporated

in an area of native shrub and wildflower meadow incorporating native pollen and nectar producing shrubs and flowering plants and grasses suitable for foraging invertebrates.

- 2.4.11 Any felled materials should further be retained and used on Site whenever possible to create new log piles and hibernacula away from roads and footpaths. Deadwood habitat would provide suitable habitat for saproxylic invertebrates which rely on dead or decaying wood. These could be placed within new native shrub planting areas.

European Hedgehog

- 2.4.12 The fencing on the Site will consist of areas with 2.4 m high mesh fence as displayed in the Landscape Masterplan. Installation of holes (at least 130 mm x 130 mm) will create “hedgehog highways” through the development to allow movement of hedgehogs within and onto/off-Site (Figure 1) will be provided.
- 2.4.13 Once cut a fence plate such as <https://www.nhbs.com/eco-hedgehog-hole-fence-plate> can be installed, indicating the purpose of the hole to deter homeowners/ tenants from blocking the holes in future. These should be placed ideally at most 20 m apart around the perimeter fence and should be kept free of obstruction.
- 2.4.14 Further information and examples of such fencing gaps put into practice can be found in the following webpage <https://www.hedgehogstreet.org/help/hedgehogs/link-your-garden>.
- 2.4.15 Additionally, the planting of native shrubs and trees, hedgerow and wildflower and amenity grassland will enhance the value of the Site for hedgehog providing new foraging/commuting and sheltering opportunities.

3. Management Responsibilities & Monitoring

3.1 Introduction

- 3.1.1 This report is intended to satisfy the Local Planning Authority condition and to ensure biodiversity enhancement at the Site.
- 3.1.2 Management of habitat will be detailed in the 30-year management prescriptions created by a landscape architect. Once these habitats are installed at the Site, they will become part of the Management Company's ownership and maintenance package.
- 3.1.3 Following the initial development of the Site, it is expected that the first 12-month planting maintenance will be the responsibility of the landscape sub-contractor as appointed by the developer.

3.2 Plant Replacement

- 3.2.1 Plants, flowers, shrubs or trees that fail to establish within five years are to be replaced in the following planting season with others of similar size and species unless written consent is provided by the Local Planning Authority to agree amendments to the previously approved details.
- 3.2.2 Following five years after the first occupation of the development, a Site inspection is recommended to record Site conditions and determine if replacement planting or compensatory planting is required to maintain sufficient wildlife enhancement that complies with the original objectives.
- 3.2.3 Following the initial five-year period, it is recommended that the enhancement schedule is checked and updated (if necessary) to reflect the Site conditions for future years. Works will only be undertaken with agreement with the client and Local Authority.

3.3 Ongoing Monitoring and Remedial Measures

- 3.3.1 The management and enhancement plan will be continually monitored and reviewed annually with any agreed changes incorporated into the following years' management schedule and an

updated version of the management plan, in consultation with the local planning authority and other interested parties as required.

- 3.3.2 Monitoring reports will be submitted to the council in years 2, 5, 10, 20 and 30 with the maintenance regime/management plan being continually updated to reflect changes as required. Monitoring reports will be informed by visits by the ecologist in years 2, 5, 10, 20 and 30 ideally to occur between April-September.

4. Maintenance Schedule and Specification

4.1 Introduction

- 4.1.1 The maintenance and implementation schedule detailed in Table 1 outlines the key objectives for each enhancement feature within the Site. Information regarding a planting and maintenance schedule has been provided in the Landscape Masterplan and Landscape Planting Plans and Schedules and will be further detailed in the landscape management plan, including long term design objectives, management responsibilities and maintenance schedules for all landscape areas, which is to be submitted to and approved by the Local Planning Authority to discharge condition 25 (2022/0434). CTLN has provided additional recommendations below where appropriate.
- 4.1.2 The schedule outlines recommended maintenance operations, timings and recommended frequency per annum to achieve these objectives. The schedule details operations that are recommended for the establishment phase up to five years following implementation and also requirements for the mid-long term.
- 4.1.3 The enhancement plan is to be carried out as approved to ensure the success of the enhancement features.

4.2 Standards and References

- 4.2.1 All maintenance operations should have consideration for the following best practice guidance:
 - BS3998:2010 Tree Works Recommendations.
 - BS7370-4: 1993 Grounds maintenance. Recommendations for maintenance of soft landscape (other than amenity turf); and,
 - Any other current UK and EU standards

4.3 Implementation of Maintenance Works

- 4.3.1 Planting will be maintained by the landscape contractor for a minimum of 12 months following planting, with 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 the same 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 re-seeded the following seeding season.

- 4.3.2 Maintenance of the landscape areas shall be undertaken by a competent experienced Landscape Contractor.
- 4.3.3 Maintenance visits will be undertaken at minimum monthly intervals (i.e. 12 visits annually) for a period of five years. Increased visits for certain tasks may be required.
- 4.3.4 The landscape maintenance of the Site is to be carried out to a high standard at all times and in accordance with the schedule and specifications within this enhancement plan and specific details provided within the detailed landscape management plan when this is available.
- 4.3.5 The contractor shall ensure that the Site is left tidy and safe following all maintenance works. All arisings are to be removed from Site in accordance with the maintenance schedule or incorporated into habitat features for wildlife (e.g. brash and/or grass piles).
- 4.3.6 The contractor shall programme their visits to coincide with appropriate weather conditions for undertaking maintenance operations. Grass mowing in excessively wet conditions will not be undertaken.
- 4.3.7 Records of all maintenance visits are to be completed by the maintenance contractor and will be submitted to the Client to review every six months. This information would also need to be made available and incorporated into for the monitoring reports to be produced in years 2, 5, 10, 20 and 30.
- 4.3.8 The maintenance contractor shall ensure that any chemical applications are undertaken by trained personnel only with the appropriate certificates and in accordance with the manufacturer's recommendations. The 'Code of Practice for the Safe Use of Pesticides for Non-agricultural Purposes' will be observed where applicable. The use of chemicals shall be included in the maintenance records as described above.
- 4.3.9 The contractor will notify the Client immediately to any significant pest or disease problem affecting plant stock and devise a suitability strategy for treatment and agreed with the Client. Any suspected non-native invasive plant species must also be notified to the Client.
- 4.3.10 A report detailing the findings of the monitoring surveys undertaken periodically during the 30-year management period should be submitted to the LPA for review in years 2, 5, 10, 20 and 30 with the maintenance regime/management plan being continually updated to reflect

changes as required. As detailed, the monitoring reports will be informed by visits by the ecologist in years 2, 5, 10, 20 and 30 which should ideally occur between April-September.

Table 1. Maintenance and Implementation Schedule

General maintenance requirements to all planted areas.	To maintain a high standard planting scheme across Site and ensure healthy establishment of plants to achieve landscape character and benefit biodiversity	A	Inspection/ maintenance visits will be undertaken at minimum monthly intervals (i.e. 12 visits annually) for a period of five years. Monitoring visits will be completed by the ecologist.	March – September Ideally to occur between April-September.	Will be undertaken at minimum monthly intervals (i.e. 12 visits annually) for a period of five years and then once annually thereafter. Years 2, 5, 10, 20 and 30.
		B	Install habitats following specifications	Year 1 in appropriate planting window.	Year 1
		C	Inspect tree stakes, ties and shelters and replace where necessary. Remove in Year 4.	As required and after strong winds	Monthly. In Year 4 Remove.
		D	Watering	As necessary during dry spells.	As required – more frequently in dry spells during April – September.
		E	‘Firm up’ new tree / shrub planting.	November to March, particularly after strong winds.	Annually and as required following inspection
		F	Removal of debris and litter.	As required	Monthly

		G	Plant replacements and reinstate habitats to Year 5 as required	November to March	Annually as required within following planting season
		H	Fertiliser (shrubs, trees, hedges)	March	Annually where monitoring shows need
		I	Top up mulch to 75 mm depth at beds of shrubs, hedges and around tree bases.	November - March	Annually where monitoring shows need
		J	Undesirables /weeds will be managed ideally via manual pulling or cutting where monitoring identified need. Selective herbicide to be used only if required.	As appropriate dependent on species present which will be outlined through monitoring.	Annually as required.
Proposed wildflower meadow	Maintain to achieve the greatest species diversity. Prevent future encroachment by scrub/ saplings. Control coarse grasses from outcompeting perennial wildflowers.	A	Sow seed in Spring/autumn. Regular cutting to occur in newly sown areas to keep sward short in the first year following sowing (i.e. to 50mm). Ideally cut areas lightly in March using a flail mower or trimmer or ideally a reciprocating blade (finger-bar), with arisings left to lie for a few days before being removed by raking-off and removal off-site. Cut again in late	Spring (March-May) or autumn (e.g. September to October). March and August/September (first year).	Year 1 Minimum of twice annually in Year 1

			August/September when flowering is over, and plants have set seed. In both cases cuttings should be removed to prevent nutrient enrichment.		
		B	A high cut (100-150 mm) completed once annually across the grassland in late summer following seed set (e.g. August) from Year 1, with additional cuts where monitoring shows need to reduce weeds and promote wildflowers. All arisings from cutting will be removed to prevent nutrient enrichment or some may be incorporated into habitat piles/grass heaps. Cutting will be undertaken in an ecological sensitive manner, ideally with a third of the grassland subject to management in any one year to ensure some tall grass remains particularly around the edges of shrub/trees. Alternatively, an uncut margin could be left around the edges of grassland areas/at the boundary between grassland and scrub/trees.	Late August.	Once annually from Year 2 onwards.

		C	Control of weeds /undesirables ideally by hand/mechanical pulling/tailoring cutting regimes. Spot treat with selective herbicide only if required.	As appropriate dependent on species presents which will be outlined through monitoring.	Annually as required.
		D	Re-seed any failed areas after first year to Year 5 in accordance with specification from landscaping plans. Further re-seeding from Year 5 onwards to be reviewed and implemented if needed as part of on-going maintenance and monitoring.	Spring (March-May) or autumn (e.g. September to October).	Annually as required.
Proposed Amenity Grass	Maintain a neat and tidy appearance and where possible promote wildlife value.	A	It is understood that the amenity grassland will require regular cutting to maintain a shorter sward with a minimum of up to four cuts annually likely to be required. Wherever possible ideally allow some of the sward to reach a sward height of approx. 10-15cm as practicable to provide some taller sward to benefit wildlife. Ideally allow plants to set seed before cutting with arisings left to lie for a few days before being removed off-site. This will help to promote wildflowers.	March – September	Cutting annually as required.

		B	Irrigate	During establishment period and dry seasons if required.	As required.
Proposed Native Scrub Planting	To encourage the healthy establishment of new shrubs. To encourage structural, age and species diversity within shrub area. To control weed growth.	A	Control of weeds /undesirables ideally by hand/mechanical pulling/tailoring cutting regimes. Spot treat with selective herbicide only if required.	As appropriate dependent on species present which will be outlined through monitoring.	Annually as required.
		B	Replace shrubs that fail to establish.	November- February	Annually and as required for first 5 years.
		C	Thinning to break up planting rows and create glades.	Year 5-10 onwards. Work on trees/scrub will be carried out in the autumn/winter e.g. November to February governed by monitoring. No works to be carried out in the main bird nesting season (i.e. March to August inclusive) unless trees have been inspected by and Ecologist for any signs of nesting birds.	Annually as required from Year 5-10.
		D	Once newly planted scrub is established (years 10-15) coppicing /cutting 1/15th every year, i.e. a 15-year rotation is recommended for the majority of scrub species or alternatively	November – February	Annually as required from Year 10-15.

			cutting 2/15th every other year or 3/15th every third year. Naturally colonising bramble can be cut on a shorter rotation between 5-6 years and cutting 1/5th to 1/6th each annually on rotation to provide a mosaic of bramble at different stages of growth. It is recommended that no more than 1/3rd be coppiced every 15-20 years.		
		E	Adjust and replace stakes and ties	As necessary	Twice annually – can be removed after 4 years.
		F	Watering	As necessary during dry spells.	As necessary during dry spells from Year 1 onwards.
Proposed Ornamental shrub planting	To provide attractive and healthy landscape year-round.	A	Replace any dead or diseased plants.	November- February	Annually and as required for first 5 years.
	To create healthy attractive plant mixes.	B	'Firm up' plants.	After inspection following frost or heavy wind	As required for first 5 years.
	To control weed growth.	C	Keep shrub beds weed free through hoeing, hand weeding and mulching around base of shrubs and if required selective herbicide use (herbicide use	As appropriate dependent on species present which will be outlined through monitoring.	Annually as required.

			only as required as a last resort).		
Proposed new trees	To ensure that trees and hedgerow establish and remain in a healthy condition	A	Hand weeding and mulching around tree base so that trees are surrounded by a vegetation free circle of 600mm diameter to improve establishment rate.	As necessary	Twice annually
		B	Check stakes and ties and replace/adjust where necessary.	As necessary	Twice annually– can be removed after 4 years.
		C	Pruning to be carried out using secateurs and hand saws only. Pruning should occur in consultation with a qualified arboriculturist/tree surgeon where required. Pruning may include: • The removal of dead, diseased and dying vegetation, secondary leader shoots, duplicated branches and potentially weak or tight forks • The removal of side growth and suckers back to the trunk or root with a minimum disturbance of the roots • The removal of vegetation growing onto footpaths, car parks, road, signs, sightlines and any other location	As necessary - no works to trees to be carried out in the main bird nesting season (i.e. March to August inclusive) unless trees have been inspected by and Ecologist for any signs of nesting birds.	Annually as required

			where it presents a hazard to the users of the site • The removal of vegetation growing over windows and lights where it presents a security hazard		
		D	Watering	As necessary during dry spells.	As necessary during dry spells from Year 1 onwards.
Existing trees	To ensure continued healthy growth of trees and safety of the site	A	Inspect to record pests and diseases, deadwood, impaired physiological and structural condition.	Late spring/summer and following severe weather (heavy snow, strong wind)	Annually
		B	Tree management operations as required (observing Tree Preservation Orders and Conservation Areas as well as wildlife legislation). To be completed in consultation with the ecologist and a qualified tree surgeon/arboriculturist.	As necessary - no works to trees to be carried out in the main bird nesting season (i.e. March to August inclusive) unless trees have been inspected by and Ecologist for any signs of nesting birds.	As required
Bat boxes *Any monitoring should be non-invasive conducted from a distance. Any invasive checks to be	To provide roosting opportunities	A	Install boxes following specification Monitor* bat boxes to ensure they are not damaged/inhabited by pests such as wasps. Remove wasps in late winter / early spring	Year 1 – any time of year. As required. Remove wasps in late winter / early spring	Year 1 Annually from Year 2 onwards.

undertaken by a licensed bat worker at an appropriate time of year.			if required in consultation with the ecologist.		
		B	Repair/replace if damaged (N.B. only when not inhabited by bats – to be informed by monitoring).	Only when not inhabited. Careful monitoring* to ensure they are empty beforehand.	As required following annual monitoring checks.
Bird boxes	To provide nesting opportunities.	A	Install boxes following specification and in consultation with the ecologist. Inspect bird boxes and clean as required to remove waste, debris and potential fleas/ ticks etc.	Year 1 – any time of year. September-February	Year 1 Annually from Year 2 onwards.
		B	Repair/replace if damaged (N.B. only when not inhabited by birds – to be informed by monitoring).	September-February	As required following annual monitoring checks.
Insect towers	To provide shelter and breeding opportunities for a range of invertebrate species	A	Install following specification and in consultation with the ecologist. Repair and replace if found to be damaged or missing.	Year 1 – any time of year. As necessary following inspection.	Year 1 As required following annual monitoring check.

A3 Interpretation Board	To ensure signage remains intact and raises awareness about local wildlife and enhancement features on Site.	B	Install following specification Repair/replace if damaged.	Any time of year. As necessary following inspection.	Annually where monitoring identifies need As required following annual monitoring check.
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5. References

Bat Conservation Trust. Wild About Gardens - Stars of the Night guide. Available at: https://cdn.bats.org.uk/uploads/pdf/Resources/Stars_of_the_Night.pdf?v=1541085354

Barnsley Metropolitan Borough Council Planning Portal. Available at: <https://planningexplorer.barnsley.gov.uk/Home/ApplicationDetails?planningApplicationNumber=2022%2F0434>

British Trust for Ornithology - Putting up a nest box. Available at: <https://www.bto.org/how-you-can-help/providing-birds/putting-nest-boxes-birds/putting-nest-box#:~:text=Height%20from%20the%20ground%20should,of%20a%20shed%20or%20wall>

Ecus Ltd. (2019) 'Schwabisch Gmund-Preliminary Ecological Appraisal', Ref: 11373 v1.0, dated January 2019. Sheffield.

Ecus Ltd. (2021). Land at Schwabisch Gmund Lane, Barnsley – Update Preliminary Ecological Appraisal. Ref: 16656. v2.0.

Ecus Ltd. (2022) 'Barnsley Activity Park – Update Ecological Walkover', Ref 19682 v2.0, dated September 2022. Sheffield

Bond Bryan (2025) 'Youth Zone Activity Park – Landscape Masterplan', drawing number: BALU BBA YAP XX DR L 1012, Revision: P14, dated: February 2025.

Bond Bryan (2025) 'Youth Zone Activity Park - Existing Site Topography and Site Constraints, Drawing No: BALU-BBA-YAP-XX-DR-L-1006 rev P03, dated: WIP.

Bond Bryan (2025) 'Youth Zone Activity Park - Soft Landscaping Strategy - Planting Plan and Schedule' Drawing No: BALU-BBA-YAP-XX-DR-L-2002 rev P02, dated: February 2025).

Bond Bryan' Youth Zone Activity Park - Soft Landscaping Strategy - Tree Plan and Schedule' Drawing No: BALU-BBA-YAP-XX-DR-L-2001 rev P02, dated: February 2025).

Figure 1: Biodiversity Enhancement Plan

Legend

-  1B Schwegler Nest Boxes (3 required)
-  e.g. Schwegler 1FD bat boxes (3 required)
-  Hedgehog Highway Holes
-  Schwegler Insect House – Insect Tower
-  A3 Interpretation Board



3 bat boxes to be installed on retained trees post construction, Schwegler 1FD bat boxes will be used unless otherwise agreed with an ecologist.

3 bird boxes to be installed on retained trees post construction, Schwegler 1B bird boxes will be used unless otherwise agreed with an ecologist.

**Youth Activity Zone,
Triton Construction**
Figure 1. Biodiversity Enhancement Plan
Page 1 of 2

CDM

GENERAL NOTES

- Drawing for Planning purposes only
- Building / Site Layout originally produced by Bond Bryan
- Do not scale from these drawings
- Report any discrepancies and omissions to Cura Terrae Land and Nature (CTLN)
- This drawing is Copyright
- 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. CTLN 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 any way without the express prior consent of Ecus Ltd.

CDM - Risks / Hazards

1. All bird and bat boxes are to be attached securely following manufacturers guidelines and using sturdy screws (where applicable) supplied by the manufacturer at purchase or an equivalent.
2. The bird and bat boxes should be checked annually to ensure the boxes are still securely in place. The checks for bird boxes should be undertaken during Autumn/Winter (September to March inclusive). Autumn and spring are suitable times to check bat boxes. Internal inspections should only be undertaken if a suitably licensed ecologist is present.

Youth Activity Zone,
Triton Construction
Figure 1. Biodiversity Enhancement Plan
Page 2 of 2

Appendix 1: Landscape Masterplan



Proposed Site Plan
1:500

Legend

- Legend**
- Total curtilage including adopted highway
 - Developable area
 - North-Eastern Highways Area*
 - Electrical cable easement areas
 - Hard surfaces:**
 - Proposed hard surface. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010
 - Pedestrian and light vehicle graded surface. Paving Area A. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010
 - Pedestrian and light vehicle graded surface. Paving Area B. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010
 - Activity zone surface with 2 m wide perimeter safety zone. Refer to the engineer's details
 - Impact attenuation surface. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010
 - Concrete surface. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010
 - Existing deterrent pavement to be retained
 - Existing tarmac surface to be retained
 - Hard surface (outside application boundary)
 - Delineated (pedestrian/ cyclists) shared surface of variable width (min 3.5 m)
 - Proposed steps with tactile pavement (TP). Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010
 - Proposed slab-on-edge wall. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010
 - Existing brick retaining wall. To be retained. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010

Soft surfaces:

- Soft Landscape Area Inc. Natural grassland/ wildflower. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2002
- Proposed shrub planting. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2002
- Proposed trees. Indicative location and size. Native and introduced. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2001
- Existing vegetation to remain. Ref. to Arboricultural Impact Assessment & Preliminary Arboricultural Method Statement by Thompsons Consultancy
- Existing vegetation. Root Protection Area. Ref. to Arboricultural Impact Assessment & Preliminary Arboricultural Method Statement by Thompsons Consultancy

Fencing and barriers:

- Proposed railings. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2201
- Proposed knee-high barrier. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2201
- Proposed kissing gate. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2201
- Weldmesh fencing. Part of the Youth Zone proposal
- Existing palisade fencing. Part of Substation fencing
- Proposed steel handrails. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2201
- Proposed steel K-barriers. The adjustable width of the opening varies from 370 to 750 mm. To be discussed with BMBC before installation. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2201
- Proposed removable hand-operated bollards with BMBC district padlocks. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2201

Street furniture:

- Seat Type 1. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010
- Seat Type 2. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010
- Picnic set Type 1. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010
- Canopy Type 1. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010
- Proposed interpretation boards. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010
- Proposed signage, including road signs. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010
- Proposed litter bin. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010
- Proposed external lighting element. Refer to engineer's drawings for details. Location to be determined
- Proposed cycle stands. Ref. to dr. BALU-BBA-YAP-XX-DR-L-2010

Access points:

- Main access point. Public access
- Secondary access point. (Service route). Public access
- Access point. (Service route). No public access
- Proposed levels (outline). Ref. to civil engineer drawing for details
- Embankments of various steepness 1:2.5 -1:4. Ref. to the civil engineer's drawings
- Swale indicative. Ref. to the civil engineer's drawings

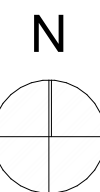
- Central Social Plaza Space with imaginative road layout to allow future provision for service vehicle movement.
- Youth Social Space and Canopy/ Shelter. Ref to drawing BALU-BBA-YAP-XX-DR-L-2003
- Parkour area. **Not included in the contract works. Subject to Sports England funding**

NOTE:
* - North-Eastern Highways Area outside extent of current proposals, this is therefore indicative only and to be further developed latterly in collaboration with Highways Authority under S278 works

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Key plan

North



0 10 20 30m
1:500

P14	Further updates to tree survey	AF	SR	20/02/2025
P13	Stage 4 issue	AF	SR	10/02/2025
P12	Tree survey updated	AF	SR	27/01/2025
P11	An additional access point to the activity area has been added, and a group of trees has been relocated.	AF	SR	10/01/2025
P10	2.0 m safety zone adjusted. Litter bins repositioned	AF	SR	06/01/2025
P09	Activity area shifted by 2.0 m. 2.0 m safety zone added	AF	SR	20/12/2024
P08	Additional clarification provided for the Parkour area	AF	SR	09/12/2024
P07	New activity area design	AF	SR	06/12/2024
P06	Cycle stands and bollards added, additional U-cat trees designated for removal, Active travel route width clarified	AF	SR	14/10/2024
P05	Additional notes have been included for the northern boundary treatment and the substation	AF	SR	25/09/2024
P04	Retractable bollards at the NE entrance added	AF	SR	09/08/2024
P03	Clarification for the North-Eastern Area added	AF	SR	18/07/2024
P02	Issued for Planning- Stage 3	AF	SR	16/07/2024
Rev	Description	Drawn	Checked	Date

B

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Barnsley Metropolitan Borough Council



Barnsley Levelling Up Fund
Youth Zone Activity Park

Landscape Masterplan

Originator project ref 23048	Purpose of Issue For information
Scale(s) 1:500	Revision description Preliminary
Paper size A1	Date

project	originator	volume	level	type	role	number	revision
BALU	BBA	YAP	XX	DR	L	1012	P14

Native notes 23048 YouthZoneActivityPark



Proposed Site Plan
1:250

TREE SCHEDULE						
Plan Preview	Code	Latin name	Girth/ cm	Height, cm	Specification	Quantity
	AC	Acer campestre	14-16	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :3x Advanced Nursery stock	3
	AL	Amelanchier lamarckii	14-16	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :3x Advanced Nursery stock	1
	BP	Betula pendula	10-12	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :2x	3
	CBF	Carpinus betulus 'Fastigiata'	14-16	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :3x Advanced Nursery stock	5
	CC	Corylus colurna	14-16	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :3x Advanced Nursery stock	4
	CLG	Chamaecyparis lawsoniana 'Green Pillar'	14-16	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :3x Advanced Nursery stock	4
	CLU	Chamaecyparis lawsoniana 'Intermedia'	14-16	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :3x Advanced Nursery stock	1
	CM	Crataegus monogyna	14-16	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :3x Advanced Nursery stock	1
	CSS	Cypripedium semipervirens 'Stricta'	14-16	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :3x Advanced Nursery stock	3
	FSA	Fagus sylvatica 'Atropurpurea'	14-16	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :3x Advanced Nursery stock	1
	FSP	Fagus sylvatica 'Pendula'	14-16	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :3x Advanced Nursery stock	1
	JCO	Juniperus chinensis 'Obelisk'	14-16	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :3x Advanced Nursery stock	4
	LS	Liquidambar styraciflua	14-16	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :3x Advanced Nursery stock	6
	SA	Sorbus aucuparia	14-16	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :3x Advanced Nursery stock	1
	SB	Salix babylonica	14-16	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :3x Advanced Nursery stock	1
	TCS	Tilia cordata Streetwise	14-16	350-400	Clear Stem min. 200.3 brks :26 in. diam. ball :3x Advanced Nursery stock	1
						40

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Key plan

North

0100020025

1:500

0 10 20 30m

Legend

Total curtilage including adopted highway

Developable area

North-Eastern Highways Area*

Electrical cable easement areas

Proposed hard surfaces

Proposed soft landscape areas

Proposed shrub planting areas

Existing vegetation

Ref to Arboricultural Impact Assessment & Preliminary Arboricultural Method Statement by Thompsons Consultancy

Existing vegetation, Category A

Existing vegetation, Category B

Existing vegetation, Category C

Existing vegetation, Category U

Existing vegetation, Root Protection Area

P02 Stage 4 Issue

AF SR 10/02/2025

P01 Issued for Planning, Stage 3

TT SR 16/07/2024

Rev Description

Drawn Checked Date

B

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Barnsley Metropolitan Borough Council

BARNESLEY

Metropolitan Borough Council

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Barnsley Levelling Up Fund

Youth Zone Activity Park

Soft Landscaping Strategy, Tree Plan and Schedule

Originator/project ref

2304B

Purpose of issue

For information

Scale(s)

1:250

Paper size

A0

Revision description

Preliminary

project originator volume level type role number

BALU-BBA-YAP-XX-DR-L-2001

revision

P02



Proposed Site Plan
1:250

Soft Landscape Areas			
Plan view	Description	Comments	
	AG	Proposed amenity grass. Outside planning boundary	
	Mix01	Proposed native shrub mix. Ref. to Planting table	
	Mix02	Proposed ornamental shrub mix. Ref. to Planting table	
	Mix03	Slope stabilising shrub mix. Ref. to Planting table	
	Mix04	Proposed biodiversity-rich planting mix. Ref. to Planting table	
	Mix05	Proposed herbaceous SUDS-friendly planting. Ref. to Planting table	
	WFM	Proposed wildflower mix. Ref. to Planting table	

Planting table									
Proposed Hedgerow	Size Height, cm	Cr m	No. / sq.m	Root Pot Size	Notes	Mix %	Area sq.m	Total Quantity	
<i>Conocarpus plectata</i>	60-90	0.45	5	2L	Full pot - min 5 breaks	100%	33	33	165
TOTALS						100%	33	33	165
Mix 01 Proposed native shrub mix	Size Height, cm	Cr m	No. / sq.m	Root Pot Size	Notes	Mix %	Area sq.m	Total Quantity	
<i>Rosa canina</i>	40-60	0.9	3	bare-root	2 years transplants	40%	272	272	816
<i>Rex europaeus</i>	60-90	0.58	3	bare-root	2 years transplants	20%	163	163	480
<i>Liquidum vulgare</i>	40-60	0.58	3	bare-root	2 years transplants	15%	115	115	345
<i>Viburnum opulus</i>	60-90	1.41	0.5	bare-root	2 years transplants	15%	115	115	345
<i>Rex galli</i>	40-60	0.58	3	bare-root	2 years transplants	10%	77	77	231
TOTALS						100%	680	680	1150
Mix 02 Proposed ornamental mix	Size Height, cm	Cr m	No. / sq.m	Root Pot Size	Notes	Mix %	Area sq.m	Total Quantity	
<i>Potentilla fruticosa 'Sunset'</i>	20-25	0.7	2	2L	Full pot - min 5 breaks	20%	162	162	325
<i>Gibberna 'Abendsglut'</i>	20-30	0.5	4	1L	Full pot	15%	122	122	487
<i>Bedstrum apicifolium</i>	20-30	0.6	3	2L	Full pot - min 5 breaks	10%	81	81	244
<i>Geranium macrorrhizum 'Bevan's Variety'</i>	15-30	0.4	5	1	2 years transplants	10%	81	81	406
<i>Sarcococca confusa</i>	60-90	0.5	4	2L	Full pot - min 5 breaks	5%	41	41	162
<i>Naucleria 'Lime Marmalade'</i>	20-30	0.5	4	1L	Full pot	5%	41	41	162
<i>Lonicera muscat</i>	20-30	0.4	5	1	2 years transplants	5%	41	41	203
<i>Polystichum scolopendrium</i>	40-60	0.5	4	1	3 years transplants	5%	41	41	162
<i>Skimmia japonica 'Nymans'</i>	60-90	0.5	4	2	2 years transplants	5%	41	41	162
<i>Vincet major</i>	60-90	0.4	5	pot 800 cm	Full pot	5%	41	41	203
TOTALS						100%	812	812	1674
Mix 03 Proposed slope stabilising mix	Size Height, cm	Cr m	No. / sq.m	Root Pot Size	Notes	Mix %	Area sq.m	Total Quantity	
<i>Potentilla fruticosa 'Sunset'</i>	40-60	0.7	2	2L	Full pot - min 5 breaks	25%	69	69	137
<i>Comarostaphylos 'Nymans' Winter Orange'</i>	40-60	0.6	3	2L	2 years transplants	20%	55	55	165
<i>Skimmia japonica 'Nymans'</i>	40-60	0.5	4	1L	2 years transplants	15%	41	41	165
<i>Vincet major</i>	20-30	0.5	4	9 cm pot	1 year transplants	15%	41	41	165
<i>Bergenia 'Abendsglut'</i>	20-30	0.5	4	1L	2 years transplants	10%	27	27	110
<i>Cytisus scoparius</i>	40-60	0.5	4	1L	2 years transplants	10%	27	27	110
<i>Hedera helix</i>	20-30	0.4	6	9 cm pot	1 year transplants	5%	14	14	82
TOTALS						100%	275	275	931
Mix 04 Proposed biodiversity-rich mix	Size Height, cm	Cr m	No. / sq.m	Root Pot Size	Notes	Mix %	Area sq.m	Total Quantity	
<i>Rosa canina</i>	40-60	1	1	bare-root	2 years transplants	20%	163	163	153
<i>Comarostaphylos</i>	40-60	1	1	bare-root	2 years transplants	20%	163	163	153
<i>Rex galli</i>	40-60	0.71	2	bare-root	2 years transplants	20%	153	153	306
<i>Crataegus monogyna</i>	40-60	1.41	0.5	bare-root	2 years transplants	10%	77	77	38
<i>Viburnum opulus</i>	40-60	1.41	0.5	bare-root	2 years transplants	10%	77	77	38
<i>Conocarpus plectatum</i>	40-60	0.71	2	bare-root	2 years transplants	10%	77	77	153
<i>Prunus spinosa</i>	40-60	1.41	0.5	bare-root	2 years transplants	5%	38	38	19
<i>Corylus avellana</i>	40-60	1.41	0.5	bare-root	2 years transplants	5%	38	38	19
TOTALS						100%	766	766	1078
Mix 05 Herbaceous SUDS-friendly mix	Size Height, cm	Cr m	No. / sq.m	Root Pot Size	Notes	Mix %	Area sq.m	Total Quantity	
<i>Salvia officinalis 'Purpurea'</i> / Purple sage	10-15	0.41	6	pot 900 cm	Full pot	20%	31	31	180
<i>Alchemilla 'Purple Sensation'</i> / Ornamental onion	10-15	0.41	6	pot 900 cm	Full pot	15%	23	23	140
<i>Leucanthemum vulgare</i> / Orange daisy	10-15	0.41	6	pot 900 cm	Full pot	15%	23	23	140
<i>Reseda autumnalis</i> / Autumn moor grass	10-15	0.41	6	pot 900 cm	Full pot	16%	16	16	93
<i>Alchemilla 'Purple Sensation'</i> / Ornamental	10-15	0.41	6	pot 900 cm	Full pot	10%	16	16	93
<i>Hedera kosterensis</i> / Argentea variegata	10-15	0.41	6	pot 900 cm	Full pot	10%	16	16	93
<i>Agrostis reptans</i> / Bugle	10-15	0.41	6	pot 900 cm	Full pot	5%	8	8	47
<i>Erigeron annuus</i> / Purple cornflower	10-15	0.41	6	pot 900 cm	Full pot	5%	8	8	47
<i>Foeniculum vulgare</i> / Fennel	10-15	0.41	6	pot 900 cm	Full pot	5%	8	8	47
<i>Rosmarinus officinalis</i> / Rosemary	10-15	0.41	6	pot 900 cm	Full pot	5%	8	8	47
TOTALS						100%	155	155	467
WFM Wildflower meadow mix	Rate g/ sq.m					Mix	Total area, sq.m	Total Quant., kg	
Emergent seeds EMF Basic General Purpose Meadow Mixture (to TGA quality standards)					4	100%	4032	16	16
TOTALS						100%	4032	16	16
AG Amenity grass	Rate g/ sq.m					Mix	Total area, sq.m	Total Quant., kg	
Geminal A18 Road Verge and Embankments					40	100%	101	4	4
TOTALS						100%	101	4	4

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Key plan

North

0 10 20 30m

1:500

Legend

- Total curtilage including adopted highway
- Developable area
- North-Eastern Highways Area*
- Electrical cable easement areas
- Proposed hard surfaces
- Proposed trees. Ref: to BALU-BBA-YAP-XX-DR-L-2001 - Soft Landscape Strategy (1 of 2)
- Existing vegetation. Ref: to Arboricultural Impact Assessment & Preliminary Arboricultural Method Statement by Thompson Consultancy
- Existing vegetation to remain
- Existing vegetation. Root Protection Area

P02 Stage 4 Issue AF SR 10/02/2025

P01 Issued for Planning, Stage 3 TT SR 16/07/2024

Rev Description Drawn Checked Date

B

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Barnsley Metropolitan Borough Council

BARNSELY Metropolitan Borough Council

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Barnsley Levelling Up Fund

Youth Zone Activity Park

Soft Landscaping Strategy. Planting Plan and Schedule

Originator project ref: 2304B

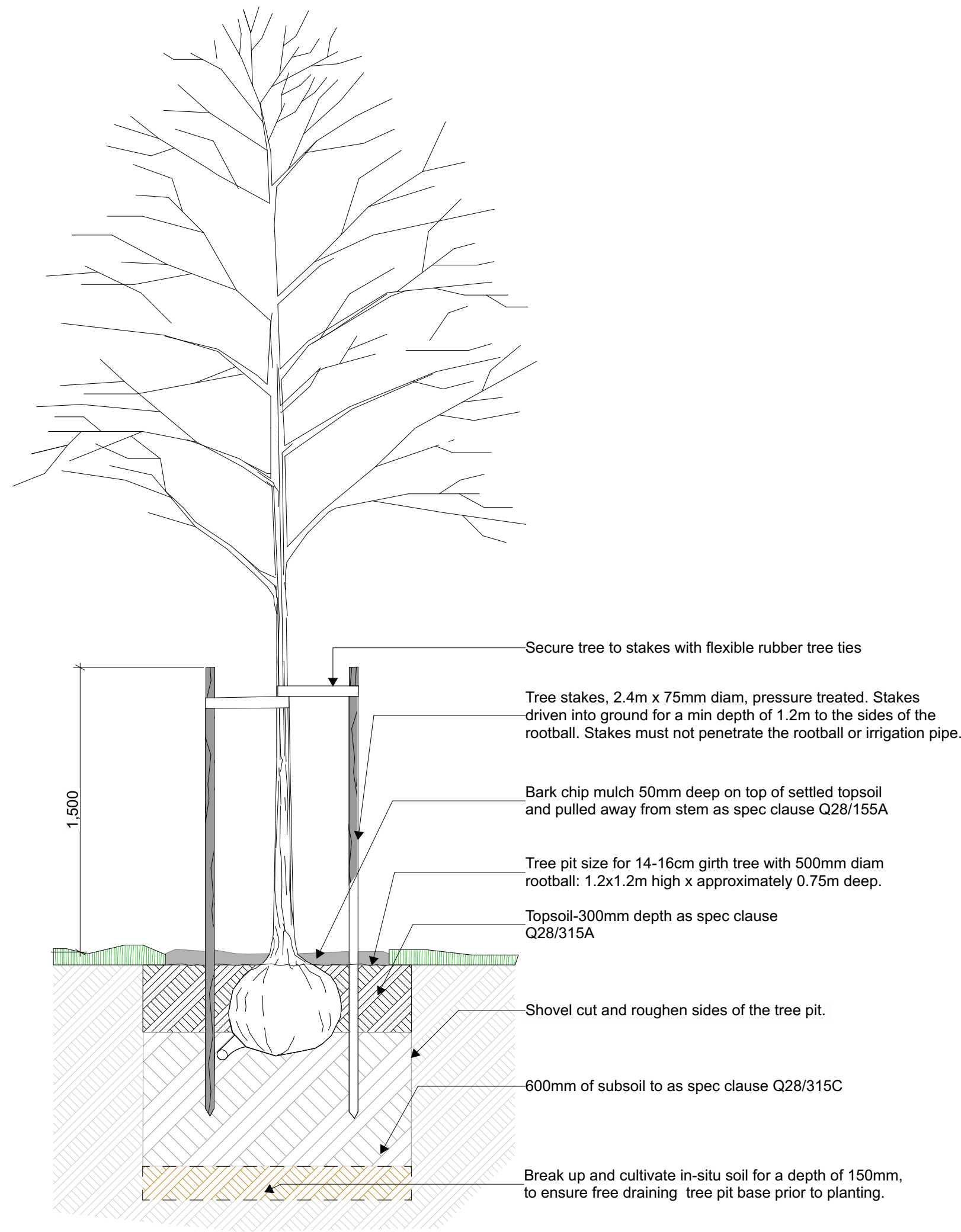
Scale(s): 1:250

Paper size: A0

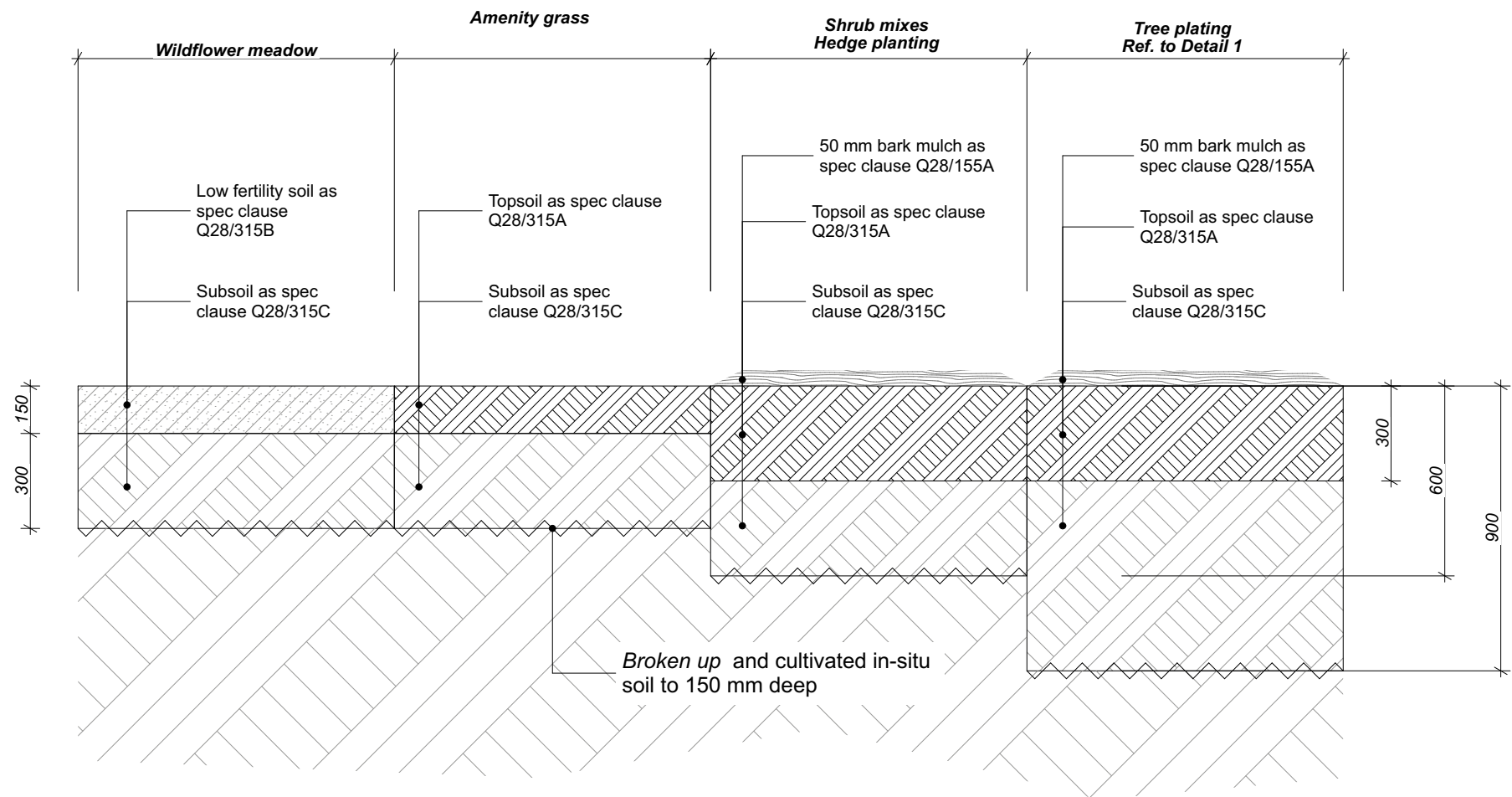
Project originator volume level type role number revision

BALU-BBA-YAP-XX-DR-L-2002

P02



Detail 1. Typical tree planting
1:20



Detail 2. Typical soft landscaping details
1:20

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If in doubt ASK. Drawing measurements shall not be obtained by scaling. Verify all dimensions prior to construction.
Immediately report any discrepancies on this document to the Originator. This document shall be read in conjunction with associated models, specifications and related consultants' documents.

Key plan

North

N

0 200 400 600 800 1000mm

1:20

P01	First issue, Stage 4 issue	AF	SR	10/02/2025
Rev	Description	Drawn	Checked	Date

B

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Barnsley Metropolitan Borough Council



Barnsley Levelling Up Fund

Youth Zone Activity Park

Originator project ref		Purpose of Issue	
23048		For information	
Scale(s)		Revision description	
1:20		Preliminary	
Paper size		Project originator volume level type role number	
A1		BALU - BBA - YAP - XX - DR - L - 7003	
		revision	
		P01	

Notes: Model: 23048 YouthZoneActivityPark