



**McDonald's Merthyr
Tydfil, Heads of the
Valleys Road**

**Green Infrastructure
Statement**

Prepared by:
**The Environmental Dimension
Partnership Ltd**

On behalf of:
McDonald's Restaurants Ltd

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APPENDICES

Appendix EDP 1	Detailed Planting Plan (edp9069_d012c 08 September 2025 JWe/HMc)
Appendix EDP 2	Hard Landscape Plan (edp9069_d013d 16 September 2025 JWe/HMc)

Section 1 Introduction

- 1.1 This Green Infrastructure (GI) Statement has been prepared by The Environmental Dimension Partnership Ltd (EDP) on behalf of McDonald's Restaurants Limited (hereafter referred to as 'the Applicant') in relation to the proposed development of a McDonald's restaurant on the site at the Heads of the Valleys Road, Penygarnddu Industrial Estate, (hereafter referred to as 'the Site').
- 1.2 EDP is an independent environmental planning consultancy with offices in Cardiff, Cirencester and Cheltenham. The practice provides advice to private and public sector clients throughout the UK in the fields of landscape, ecology, archaeology, cultural heritage, arboriculture, rights of way and masterplanning. Details of the practice can be obtained at our website (www.edp-uk.co.uk).
- 1.3 *Planning Policy Wales* Edition 12, published in February 2024¹ (PPW 12), defines GI as:
- "...the network of natural and semi-natural features, green spaces, rivers and lakes that intersperse and connect places."*
- 1.4 PPW requires that all planning applications are supported with a GI Statement. Paragraph 6.2.12 states:
- "A green infrastructure statement should be submitted with all planning applications. This will be proportionate to the scale and nature of the development proposed and will describe how green infrastructure has been incorporated into the proposal. In the case of minor development this will be a short description and should not be an onerous requirement for applicants. The green infrastructure statement will be an effective way of demonstrating positive multi-functional outcomes which are appropriate to the site in question and must be used for demonstrating how the step-wise approach (Paragraph 6.4.15) has been applied."*
- 1.5 At paragraph 6.4.12, PPW further states:
- "Having worked iteratively, in line with Figure 12, through the stages of the step-wise approach below, and providing evidence in the Green Infrastructure Statement that the step-wise approach has been followed, a scheme of enhancements must be provided to ensure a net benefit for biodiversity."*
- Where biodiversity enhancement proportionate to the scale and nature of the development is not proposed as part of an application, significant weight will be given to its absence, and unless other significant material considerations indicate otherwise, it will be necessary to refuse permission."*

¹ Revisions to PPW Chapter 6 took immediate effect on 18 October 2023, following issue of ministerial letter reference MA/JJ/2512/23 to all Local Planning Authorities by the Welsh Government. PPW 12 can be found here: <https://www.gov.wales/planning-policy-wales> (Accessed 14 February 2024).

- 1.6 The proposed development aims to deliver a new restaurant and drive through with associated infrastructure in Penygarnddu business park on brownfield land. Habitat creation through landscaping, sustainable drainage, and other associated works, are included within the proposals shown in **Appendix EDP 1**. The Site is located on an embankment above the A465 which sits at the base of a south facing slope base of the 535m Twyn Pwll Morlais landform within Merthyr Tydfil. The Site sits within a large industrial estate and is neighboured by industrial sheds to the north, a Lidl supermarket in the west and a council owned highways lot in the immediate south. Vehicular access is proposed off an unclassified, unnamed road referred to in this report as common road via a minor route alongside the A465 from north-west to south-west. The National Cycle Network 46 (NCN 46) runs below the Site c. 1km away and the A465 runs below the NCN 46. The wider industrial estate Site area is bounded by Merthyr common and the Bannau Brycheiniog Brecon Beacons National Park (BBNP), approximately 2.56 km north, with the A465 and waste management site to the south. To the west is the 'Top pond' recreation area which hosts a cluster of Public Right of Way (PRoW) and Merthyr Tydfil town settlement edge. East of the industrial estate is farmland.
- 1.7 Most of the PRoW circulate around the top pond and lower pond recreation area and connect people to the settlement edge, performing a GI function at a local and possible even county level as PRoW 105/10 extends north into the BBNP. The Site is bordered by the NCN 46 which offer increased connectivity. The design which has emerged through an iterative design process exploits this by extending a link through the Site's boundary to connect users to the wider NCN and PRoW routes.
- 1.8 The proposed layout plan for the scheme is provided at **Appendix EDP 1**. Full Site details of the proposals are given in the accompanying the planning application material such as the Design and Access Statement (DAS).
- 1.9 A Landscape and Visual Appraisal (LVA) has been prepared by EDP (report reference: edp9069_r001) to accompany the application. Data trawls, including record searches, were conducted. A Site visit was undertaken and published character assessments and relevant documentation, namely LANDMAP, were reviewed to establish the key characteristics on-site. The physical and perceptual findings were used to inform the layout of the scheme proposed, which included identifying the need to create a link to the NCN 46, the need to create habitat and boundary landscaping.
- 1.10 An Ecological Appraisal and subsequent surveys were prepared by EDP (dated September 2025) (report reference: edp9069_r002). The appraisals identified the ecological value and the baseline character of the site and surrounding area. An Extended Phase 1 Habitat survey and subsequent surveys were also undertaken to establish the likely presence/absence of protected/notable species based on the suitability of habitats identified within and adjacent to the site and/or presence of desk study records.
- 1.11 The layout presented demonstrates a good design response to the environmental opportunities and constraints, and the layout has been designed to tie into the already established GI framework. The proposed Landscape plans (Hard Landscaping plan and Detailed Planting Plan) are provided in **Appendices EDP 1 and 2**.

- 1.12 PPW 12 includes updates to Chapter 6. Paragraph 6.2.12 suggests that GI Statements should be submitted alongside all planning applications. In line with PPW 12, this document will therefore identify how GI has been incorporated into the proposals discussed herein. The Statement will highlight the most relevant surveys and assessments and provide the relevant avoidance, mitigation and/or compensation measures incorporated into the design to ensure the continued functioning of GI assets both within and adjacent to the Site.
- 1.13 The purpose of this Statement is to demonstrate the positive multifunctional outcomes of the proposed development from a GI perspective. Biodiversity benefits and ecosystem resilience will be delivered through a considered approach to GI and this Statement will demonstrate how the step-wise approach (paragraph 6.4.21) has been applied.

SITE CONTEXT

- 1.14 The proposed Site, measuring approximately 0.35 hectares (ha), is situated within Pengarnddu business park and comprises previously developed land in a predominantly industrial setting. The Site is currently derelict, with evidence of fly tipping, hazardous materials such as barbed wire, and poorly maintained boundaries. It includes two residential properties, one of which is in a state of disrepair.
- 1.15 The ground is a mix of hardstanding and infill material, with a large bund of infill, refuse and other material to eastern perimeter supporting self-seeded vegetation, including scrub and several young trees of varying ecological value and location.
- 1.16 The Site has several trees of ranging ecological value locations and one large category C tree intertwined with a building, which had evidence of daytime summer roosting for a single bat. However, the building is in disrepair, rendering it and the associated tree unsafe.
- 1.17 Surrounding the Site is a council-owned yard to the south (at a lower elevation) separated by a fence in disrepair. A Lidl car park to the west sit on a higher elevation a top a concrete retaining wall.
- 1.18 The Site does not fall within any ecological designations nor it is it directly connecting to any land that does.

Section 2

Ecology and Green Infrastructure Baseline

2.1 An Ecological Assessment was undertaken on-site, starting with a desk study, Extended Phase 1 Habitat survey, followed by detailed surveys in respect of, bats and badger (*Meles meles*), between February 2025 and July 2025, which noted the following:

- Much of the Site is dominated by hard standing and encroaching ephemeral/short perennial. Extending past this is poor semi-improved grassland made up of perennial rye grass, cock's foot and occasional hogweed. On top of this habitat is scattered gorse scrub on top of the embankment along the western side of the Site;
- The presence of dense scrub on southwestern and northeastern edges, next to either metal gates or stone walls. Dominant species recorded include blackthorn and scattered immature silver birch. Along the northern edge of the Site is a species poor defunct hedgerow dominated by dogwood with a species poor intact hedgerow along the north-eastern edge near built structure. This hedgerow is made up of blackthorn, acer, sycamore, bramble elder and dogwood. While no invasive species were present on-site, the desk study returned ten records within 2km of the Site with the closest being Japanese rose found 0.1km from the Site;
- On the eastern side of the Site is six built structures, two being derelict residential buildings, two being outhouses/sheds, one a collapsing garage and a shipping container. These buildings were assessed for their suitability for roosting bats. Of these B1, B6 and B5 were classified as negligible with B2 and B3 being low suitability and B4 being moderate. Following this, further bat emergence surveys were carried out between May 2025 and July 2025 on B4 and B2. These surveys confirmed three roosts with two being in B4 and one in B2, all of these being summer day roosts for common pipistrelle (*Pipistrellus pipistrellus*). The site itself provides minimal foraging habitat for bats due to lack of vegetation, connectivity and surrounding light pollution. All trees on site were assessed for roosting bat potential and found no suitable trees. Other species of bat found within the site during surveys include soprano pipistrelle (*Pipistrellus pygmaeus*);
- The development of the Site would include removal of three common pipistrelle summer day roosts which would require a Natural Resource Wales (NRW) Development License to be obtained prior to works commencing, Prior to this mitigation of the Site would include the installation of three bat boxes on a retained mature trees/structures and B3 which is also being retained, with details of the required mitigation to be agreed as part of the NRW development licence. Further enhancement will include a further three bat boxes to be installed on poles within suitable habitat;
- No signs of badgers were observed during the surveys; however, some areas are potentially suitable, for badger. Although, lack of connectivity to more suitable habitat in the wider landscape suggests likely absent from the Site;

- The Site lacks suitable habitat for dormouse (*Muscardinus avellanarius*) and they have been considered likely absent within the Site;
- The Site lacks suitable habitat for water vole (*Arvicola amphibius*) and they have been considered likely absent within the Site;
- The Site lacks suitable habitat for otter (*Lutra lutra*) and they have been considered likely absent within the Site;
- The Site lacks suitable habitat for amphibians, and they have been considered likely absent within the Site;
- While the Site has minimal suitable habitat for reptiles, due to its fragmentation from surrounding suitable habitat and disturbance they have been considered likely absent within the Site; and
- The scattered scrub and trees of the site have the potential to offer breeding sites for a variety of bird species. A variety of bird nest box types would be provided at suitable locations on the Site as part of the mitigation strategy, attached on trees being retained, as mitigation for the loss of habitat and additional enhancement.

2.2 With respect to statutory designations, there are no internationally important designations within 10km of the Site and no nationally important designations within 2km of the Site. In regard to non-statutory designations there are five Sites of Importance for Nature Conservation (SINC) within 2km of the Site. Although there is a lack of connectivity to the Site with surrounding industrial landscape and dual carriageways acting as a buffer.

Section 3

Development Proposals and Green Infrastructure Strategy

DEVELOPMENT PROPOSALS

- 3.1 Development proposals would result in a wholesale change to the character of the Site area where built form is proposed. The landscape features of note, within and on the Site boundary and area of wider control, would be retained and enhanced where possible to provide a wider area and variety of habitats than the self-seeded scrub currently provides. However, some habitat loss is unavoidable, some habitats would be replaced by the building footprint and enhanced landscape measures elsewhere have been provided to mitigate for such loss. Better connectivity to the NCN 46 and the inclusion of hedges and a Pembrokeshire style hedge bank could create connectivity onto and of the Site.

GREEN INFRASTRUCTURE STRATEGY

- 3.2 In respect of the GI resource present within and adjacent to the Site, the development proposed has been designed to retain and protect the valued resources listed above. Of the residual effects reported on the character of the Site, as well as on the ecological resource of the Site, proposed habitat creation features are illustrated on **Appendix EDP 2**, and the benefits they provide to the GI network, include:
- The retention of trees on and within the Site boundary. In addition to continuing to provide shelter and foraging opportunities for protected and notable species, retained vegetation will be enhanced by additional planting to increase separation and privacy between the Site and existing residential unit onsite to the east and the restaurant itself;
 - The NCN 46 will be provided direct access through the Sustainable drainage systems (SuDS) and landscape feature area into the restaurant carpark and bike lock, and this will provide a safer and sustainable connection for locals and for future users of the Site as well as users of the neighbouring Lidl site by offering an alternative route away from common road;
 - Sustainable drainage features will have multifunctional benefits within the Site. Planting within swales and attenuation basins will enhance the landscape amenity of incidental green space and will also provide additional foraging opportunities for invertebrates and amphibians, and deliver benefits to climate regulation, adaptation and resilience. Species-rich wildflower seed mixes will provide abundant diversity which will support ecosystem resilience. Planting of marginal areas and aquatic features will provide a series of ecosystem services to reflect a truly multifunctional and aesthetically pleasing soft edged scheme for future visitors (humans and wildlife) to enjoy;

- A Pembrokeshire hedge bank (*cloddiau*), planted with native whips which will be maintained at a height of c. 2.5 metres, will provide ecological benefits and offer a notable reference to Welsh heritage and wayfinding for the Site. Birds, pollinators, and small mammals will benefit from berries, nectar, shelter. Insects, mosses, lichens, will be able to take advantage of the microhabitats the structure creates in its earthen core and stone facings; and
- Additional habitat will be created to mitigate potential loss with inclusion of bat boxes and bird nest boxes surrounded by a mix of native and ornamental landscaping including Silver birch (*Betula pendula*) and Bird cherry (*Prunus avium*) trees as well as native scrub and hedge to the back of the SuDS feature.

Section 4

Development Effects – Step-wise Summary

- 4.1 PPW 12 requires a step-wise approach to be taken in regard to the mitigation of effects on biodiversity. This entails mitigation measures being employed in the following order:
1. **Avoid** – development should seek to avoid valuable habitats and species wherever possible;
 2. **Minimise** – where complete avoidance is not possible, development should seek to minimise the effects on identified habitats and species;
 3. **Mitigate** – where impacts on biodiversity remain after Step 1 and 2, mitigation should be provided to balance the harm and provide an overall biodiversity benefit;
 4. **Compensate** – where adequate mitigation cannot be provided on-site, it may be possible to off-set this as compensatory measures off-site. This should preferably be immediately adjacent; and
 5. **Long-term Management** – all GI, retained and proposed, needs to be subject to long-term management to ensure its value is delivered and maintained.
- 4.2 Each of these steps is considered under the following sub-headings, summarising the measures incorporated within the proposals.

AVOID

- 4.3 The Site has the ability to deliver a significant number of benefits whilst delivering a viable drive through and restaurant within a small footprint. In balancing the delivery of such a scheme with limiting the environmental impacts of the scheme, aspects of the ecological and GI baseline which have been avoided include:
- i. The retention and protection of the majority of the Site's viable tree stock, through the removal of hazardous scrap material and detritus as well as unsafe or poorly located specimens the site will be left with a healthy stand of maturing trees; and
 - ii. The Site has been surveyed for maternity and nursery bat roosts to ensure no significant roosts are disturbed. A licence will be obtained to ensure the safe and low impact removal of any bat from a hazardous location can take place.

MITIGATE

- 4.4 Some habitat loss of value within the Site is unavoidable. These effects are mitigated through measures which include the creation of new habitats and enhancements for those retained.

4.5 These measures are further summarised as follows:

- The delivery of a biodiverse SuDS basin;
- The inclusion of a hedgebank with native plant species, maximising value for biodiversity through the microhabitats it creates; and
- The provision of bird and bat boxes would be implemented in appropriate areas such as the side of suitable buildings.

COMPENSATE

4.6 For every tree or tree group lost, a 3:1 replacement on-site tree planting strategy has been designed in accordance with PPW 12 for a total of 33 trees. The new planting plan would be created around the Sites periphery and SuDS area.

4.7 A minimum of 41 Whips will be planted atop the hedge bank feature to account for any self-seeded establishing trees lost.

LONG-TERM MANAGEMENT

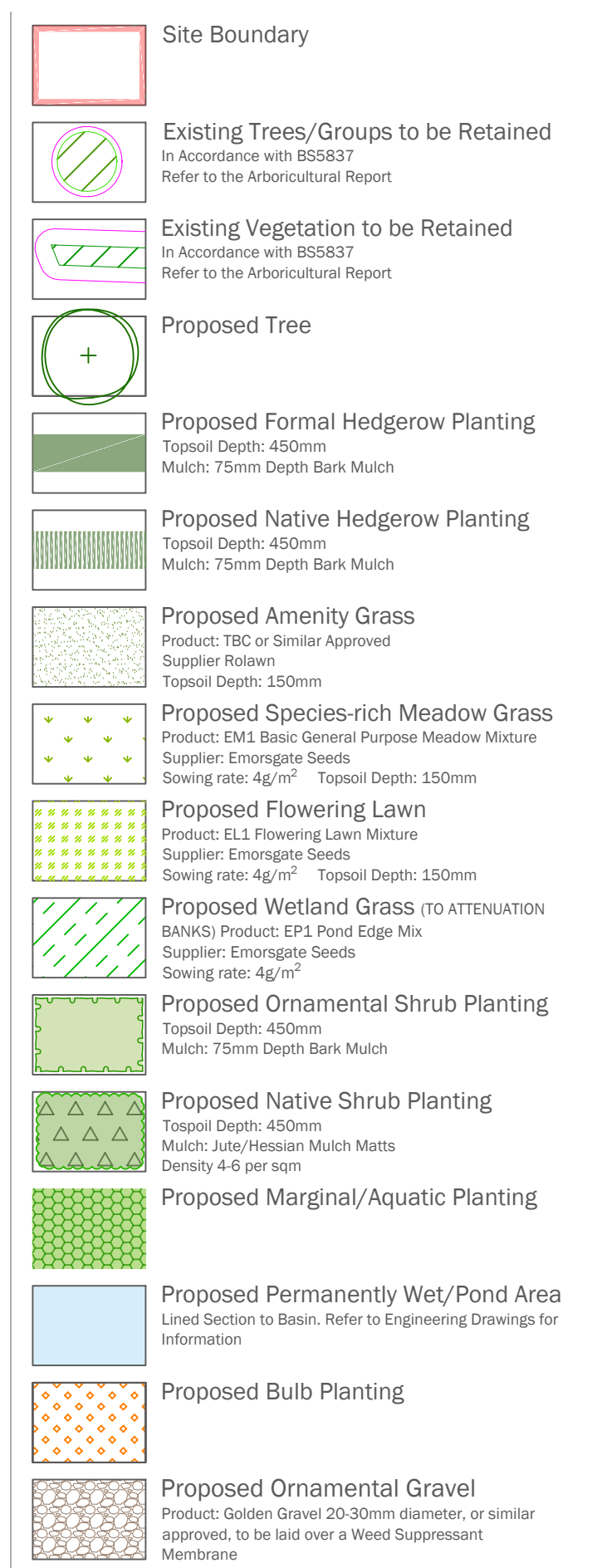
4.8 A series of management plans would be secured to ensure that the mitigation and enhancement measures proposed could be delivered and achieve the ecological ecosystem and GI improvements as set out, over a reasonable period of time. This will ensure that the retained and created habitats within the Site are futureproofed against climate change and other environmental issues which could otherwise affect the health and longevity of the on-site habitats and those in the area of wider control. The details of this long-term management should be agreed with the Local Planning Authority (LPA) through the provision of a Long-term Management Plan in response to an appropriately worded planning condition. Such a comprehensive approach would be considered to fully meet the requirements of Step 5 of the step-wise approach, ensuring the long-term longevity of the on-site and off-site habitats through monitoring, reporting and reactive management.

Section 5

Summary and Conclusions

- 5.1 EDP have provided proposals to minimise the impact on valuable habitat, as well as suggesting mitigation and compensation of any predicted impacts, including new bird and bat boxes are proposed on-site.
- 5.2 Overall, the proposed development would result in the removal of some tree stock and scrub within the site boundary, with subsequent impacts upon the existing GI resource. The Site is however unremarkable from a GI perspective and is impacted by its currently 'neglected' character. It bears little to no benefits from a connectivity perspective, being entirely secured. On balance, the strategy proposed provides a net benefit for biodiversity, overall due to the habitat provisions and enhancements described in **Section 3**. Inherent within the GI Strategy (see **Appendix EDP 1** for the detailed planting plan) is the retention viable maturing trees whose retention and subsequent long-term management will futureproof these GI assets, and significant compensation planting would strengthen the ecological resources of any on-site habitats.
- 5.3 Where loss is unavoidable, this will be compensated for through the provision of more diverse habitat features including a hedge bank, a permanent pond, individual tree planting and a new GI framework that offers a connection north-west to south-west through the Site. The SuDS area would have multiple functions for people and wildlife, delivering benefits to biodiversity as well as visual amenity and connectivity.
- 5.4 Subject to the delivery of the GI and Biodiversity Strategy set out herein, which would be implemented in combination with the delivery of a well-considered scheme, this will provide an enhanced GI offering with respect to better mitigation of landscape character effects and habitat variation. Better connectivity would be delivered for locals and users of the industrial estate and nearby shopping amenities. The proposals deliver ecosystem resilience as well as a net biodiversity benefit on-site in the longer term. New planting would also enhance species diversity of the tree stock on-site. Long-term management of all GI assets (existing and proposed) could be secured through condition and the overall impact on GI would be a positive one, certainly more beneficial than if the Site were to remain in its current use, which is liable to further neglect and pose a health and safety hazard to nearby properties.

Appendix EDP 1
Detailed Planting Plan
(edp9069_d012c 08 September 2025 JWe/HMc)



This drawing is to be read in conjunction with all other drawings and specifications within the package. These drawings have been prepared for design development and costing purposes only. All dimensions in millimeters unless otherwise specified. Do not scale off this drawing, except for planning purposes. Written dimensions to be taken only. EDP will accept no responsibility for errors by others in "scaling" from this drawing. All base plans used are provided by the client and architect, except where otherwise expressly agreed in writing. EDP shall have no responsibility or liability for any loss direct or consequential. This drawing must not be copied in whole or part without prior written consent from EDP.

McDonald's Restaurants Ltd

drawing title

Detailed Planting Plan

date	08 SEPTEMBER 2025	drawn by	JW
drawing number	edp9069_d012c	checked	HM
scale	1:200 @ A1	QA	JFr



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Planting Schedule

Trees						
Number	Common Name	Species	Girth	Height	Specification	Density
7	Juneberry	Amelanchier lamarckii		250-300cm	RB :Heavy Standard :Clear Stem 175-200	Counted
3	River birch	Betula nigra	12-14cm	350-425cm	Half Standard :Clear Stem min. 200 :3x	Counted
7	Common Silver Birch	Betula pendula	12-14cm	350-425cm	Half Standard :Clear Stem min. 200 :3x	Counted
6	Double Gean	Prunus avium 'Plena'	14-16cm	400-450cm	3 :Extra Heavy Standard :Clear stem 175-200cm :5 brks :RB	Counted
6	Whitebeam Magnifica	Sorbus aria 'Magnifica'	12-14cm	350-425cm	3x :Heavy Standard :Clear Stem 175-200 :RB :5 brks	Counted
4	European mountain ash	Sorbus aucuparia		250-300cm	RB :Heavy Standard :Clear Stem 175-200	Counted
Total :33						

Shrubs						
Number	Common Name	Species	Height	Pot Size	Specification	Density
5	Red-barked Dogwood	Cornus alba		5L		1/m²
15	Dogwood 'Midwinter Fire'	Cornus sanguinea 'Midwinter Fire'	30-40cm	5L	Bushy	3/m²
13	Red Osier Dogwood 'Kelsey'	Cornus stolonifera 'Kelsey'	30-40cm	5L	Several shoots :2 brks	3/m²
175	Box Honeysuckle	Lonicera nitida	40-60cm	5L	Bushy :5 brks :Bushy :5 brks	3/m²
26	Oregon grape 'Soft Caress'	Mahonia eurybracteata subsp. ganpinensis 'Soft Caress'	30-40cm	5L	Several shoots :2 brks	3/m²
20	Sweet Box	Sarcococca confusa	20-30cm	3L	Bushy :5/6 brks	4/m²
75	Guelder Rose	Viburnum opulus	40-60cm	5L	Branched :4 brks	1/m²
221	Laurustinus	Viburnum tinus	40-60cm	5L	Branched :Branched :4 brks	3/m²
Total :550						

Bulbs					
Number	Common Name	Species	Bulb Size	Specification	Density
86	Dutch crocus	Crocus vernus		Grade 7/8	15/m²
86	Cyclamineus Daffodil	Narcissus 'Peeping Tom'		Grade 7/8	15/m²
86	Orchid daffodil	Narcissus 'Thalia'		Grade 7/8	15/m²
Total :258					

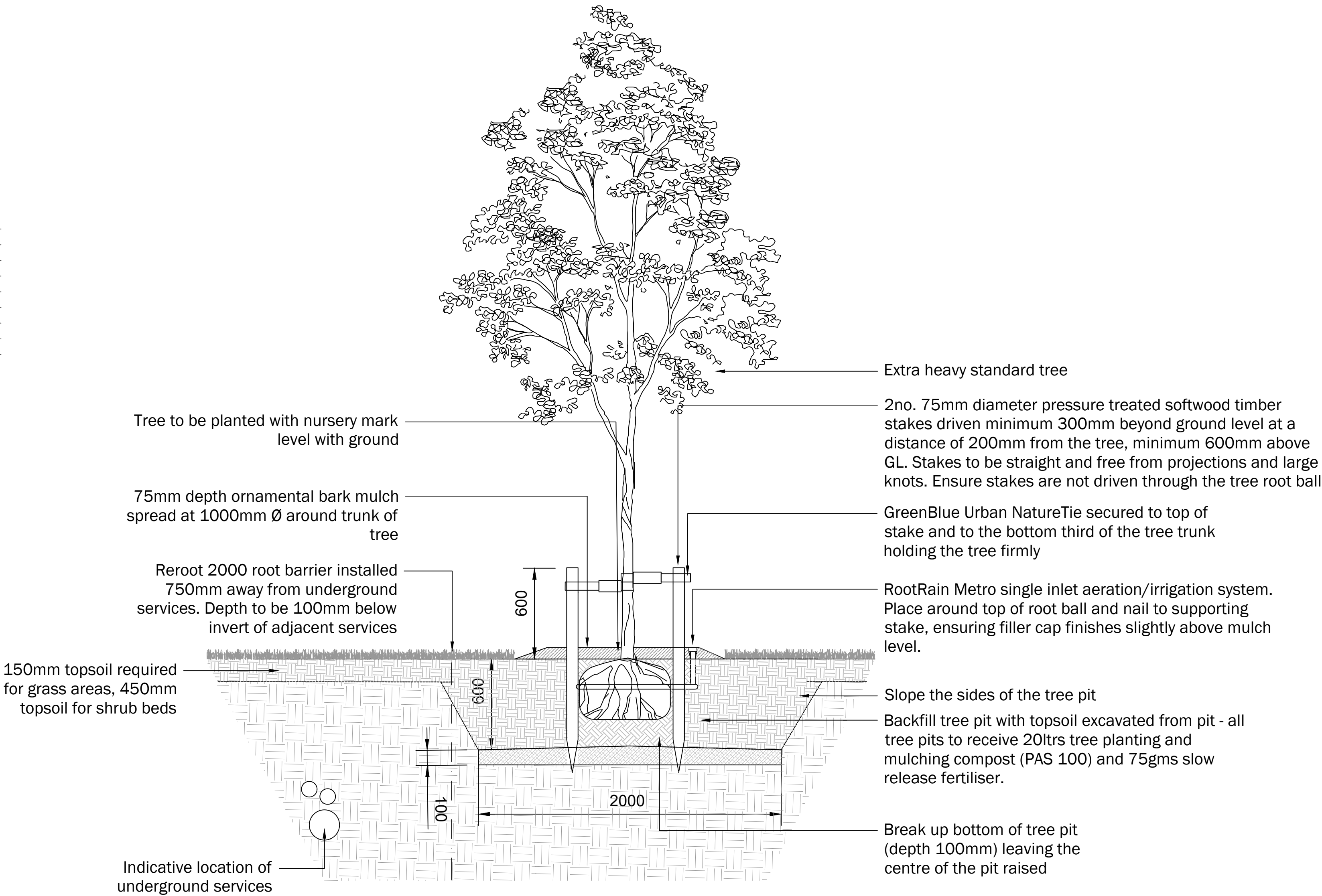
Ferns					
Number	Common Name	Species	Pot Size	Specification	Density
19	Hart's Tongue Fern	Asplenium scolopendrium	3L	Full Pot	3/m²
21	Hart's Tongue Fern	Asplenium scolopendrium	3L		5/m²
7	Crisped Golden Scale Fern	Dryopteris affinis 'Crispa'	3L	Full Pot	3/m²
13	Common Polypody	Polypodium vulgare	3L		3/m²
12	Common Polypody	Polypodium vulgare	3L	Full Pot	3/m²
Total :72					

Grasses				
Number	Common Name	Species	Specification	Density
15	Japanese Forest Grass	Hakonechloa macra	Full Pot	4/m²
17	Great Wood-rush	Luzula sylvatica	Full Pot	4/m²
Total :32				

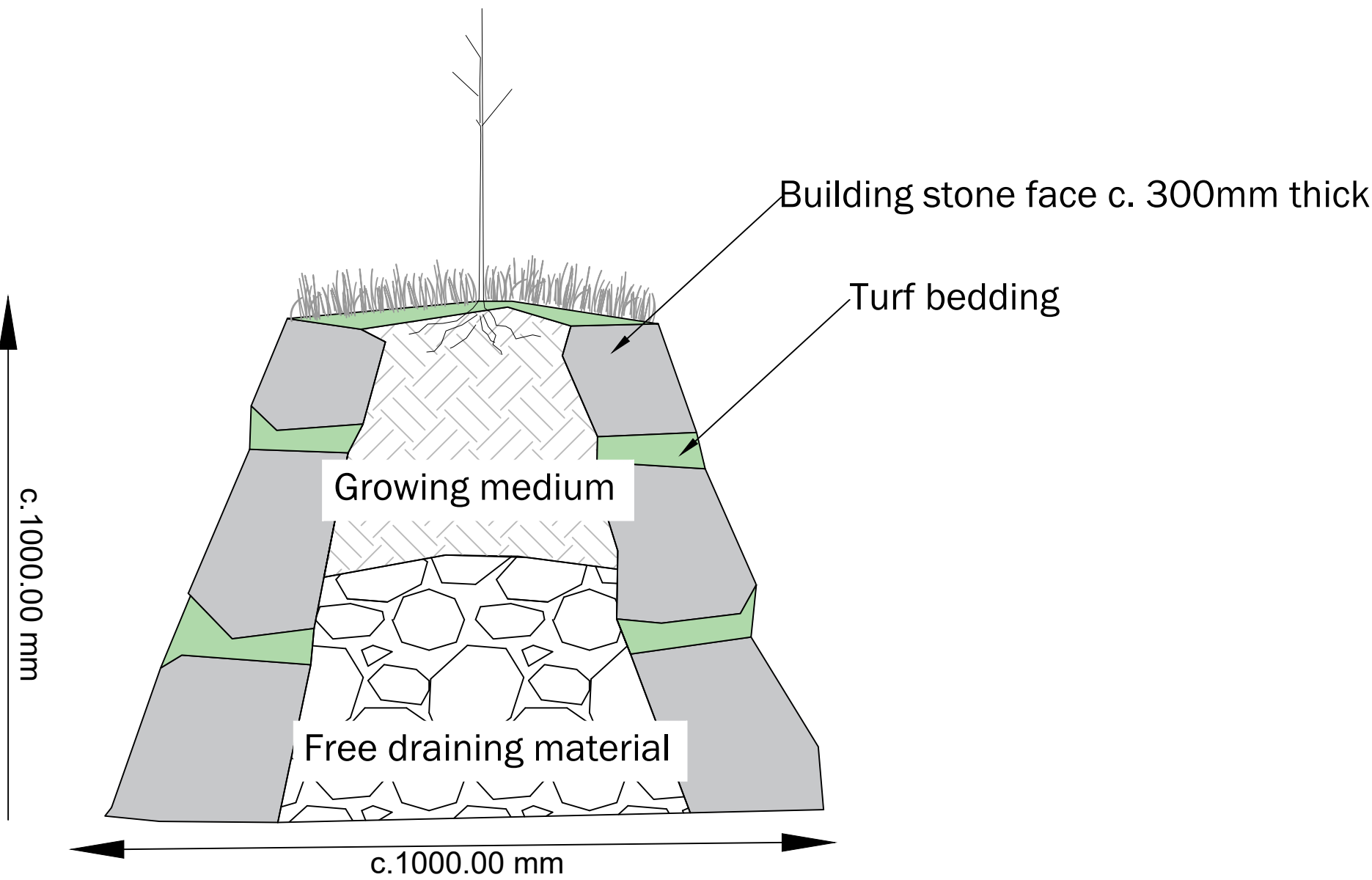
Hedges					
Number	Common Name	Species	Height	Specification	Density
215	Broadleaf	Griselinia littoralis	60-80cm	Branched :C	3/m
Total :215					

Native Hedgerow Mix					
Number	Common Name	Species	Specification	Density	Percentage Contribution
42	Common Maple	Acer campestre	Branched :1+1 :B	0.3Ctr Double Staggered at 0.5m offset	15%
13	Common Maple	Acer campestre	Branched :1+1 :B	0.3Ctr	15%
15	Common Dogwood	Cornus sanguinea	Branched :1+1 :B	0.3Ctr Double Staggered at 0.5m offset	5%
5	Common Dogwood	Cornus sanguinea	Branched :1+1 :B	0.3Ctr	5%
28	Common Hazel	Corylus avellana	Branched :1+1 :B	0.3Ctr Double Staggered at 0.5m offset	10%
9	Common Hazel	Corylus avellana	Branched :1+1 :B	0.3Ctr	10%
55	Common Hawthorn	Crataegus monogyna	Branched :1+1 :B	0.3Ctr Double Staggered at 0.5m offset	20%
17	Common Hawthorn	Crataegus monogyna	Branched :1+1 :B	0.3Ctr	20%
15	Common Holly	Ilex aquifolium	Branched :1+1 :B	0.3Ctr Double Staggered at 0.5m offset	5%
5	Common Holly	Ilex aquifolium	Branched :1+1 :B	0.3Ctr	5%
55	Blackthorn	Prunus spinosa	Branched :1+1 :B	0.3Ctr Double Staggered at 0.5m offset	20%
17	Blackthorn	Prunus spinosa	Branched :1+1 :B	0.3Ctr	20%
15	Dog Rose	Rosa canina	Branched :1+1 :B	0.3Ctr Double Staggered at 0.5m offset	5%
5	Dog Rose	Rosa canina	Branched :1+1 :B	0.3Ctr	5%
28	Common Elder	Sambucus nigra	Branched :1+1 :B	0.3Ctr Double Staggered at 0.5m offset	10%
9	Common Elder	Sambucus nigra	Branched :1+1 :B	0.3Ctr	10%
28	Guelder Rose	Viburnum opulus	Branched :1+1 :B	0.3Ctr Double Staggered at 0.5m offset	10%
9	Guelder Rose	Viburnum opulus	Branched :1+1 :B	0.3Ctr	10%
Total :370					

Aquatic/ Marginal Mix					
Number	Common Name	Species	Specification	Density	Percentage Contribution
12	Lesser Pond Sedge	Carex acutiformis	Full pot :Sept to April planting :British native origin	0.4Ctr	30%
9	Common Spike Rush	Eleocharis palustris	Full pot :June to Sept planting :British native origin	0.4Ctr	20%
9	Meadowsweet	Filipendula ulmaria	Full pot :Sept to April planting :British native origin	0.4Ctr	20%
12	Yellow flag iris	Iris pseudacorus	Full pot :Sept to April planting : British native origin	0.4Ctr	30%
Total :42					

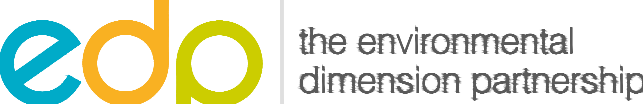


Indicative Hedgebank Detail (not to scale)
Design and construction to be adapted on site per specialist and engineer's specification



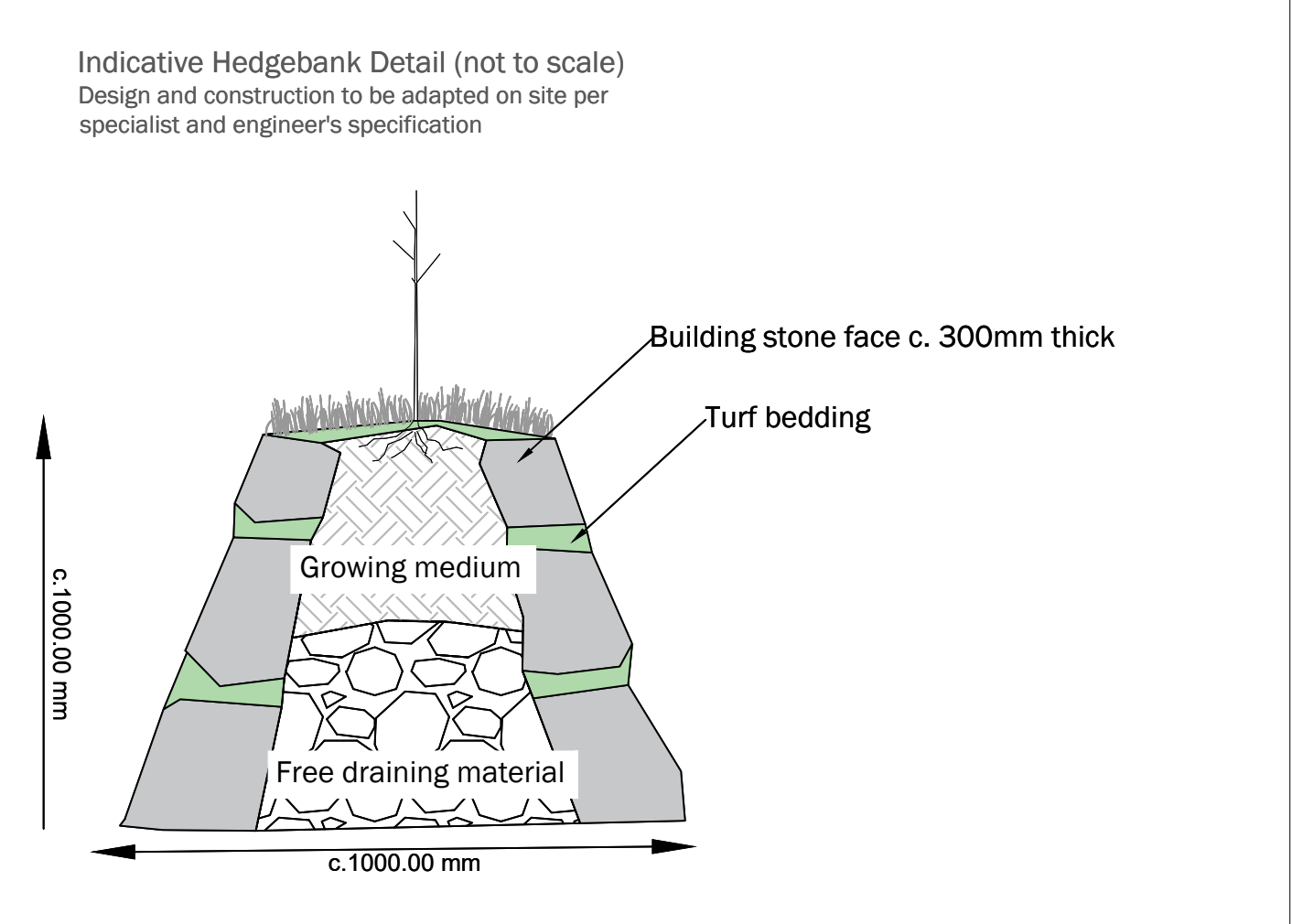
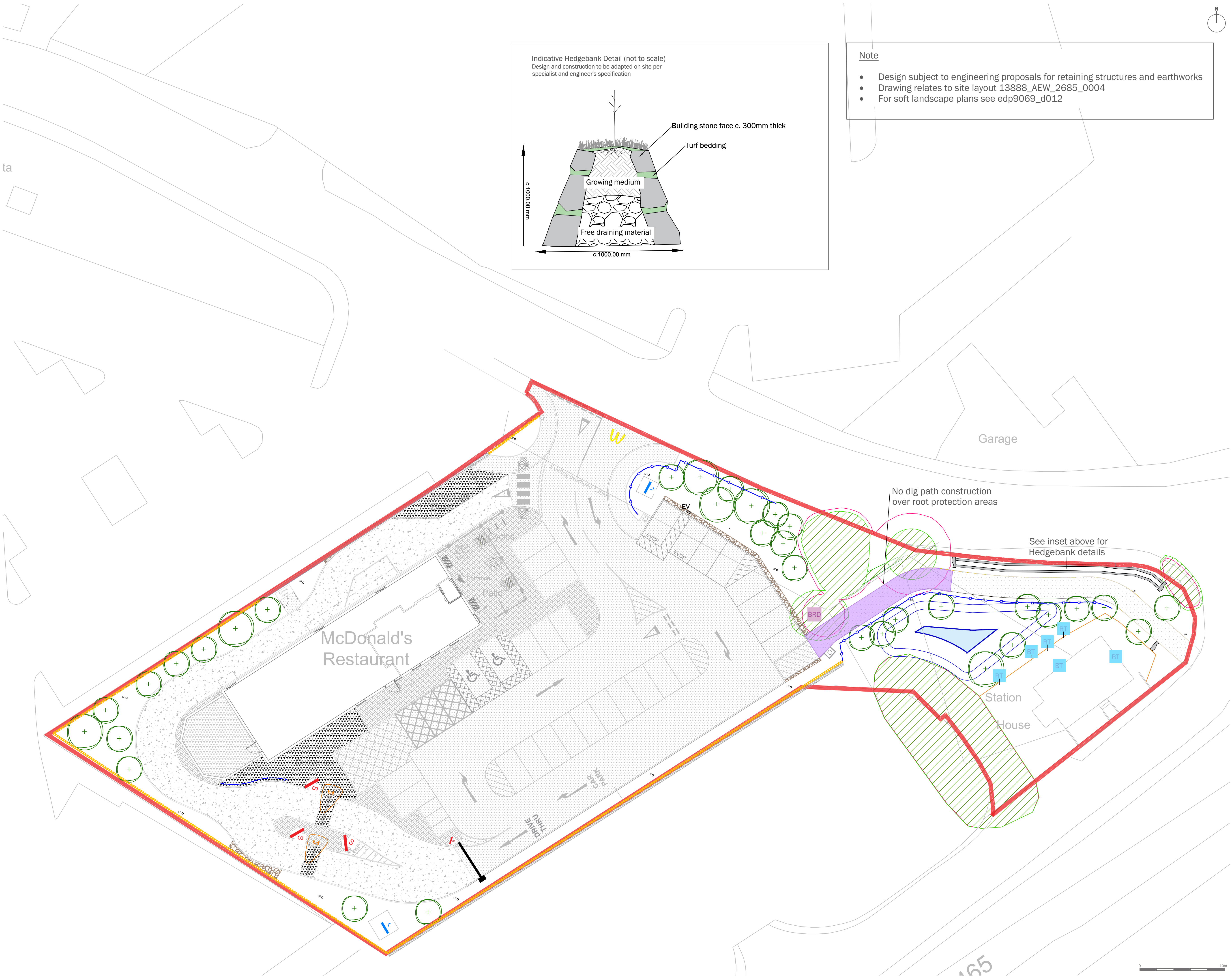
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purpose of issue PLANNING			
C	Amendments following lighting plans and internal QA comments.	08/09/2025	JWe
B	Amendments following client comments.	21/08/2025	JWe
-	Original	18/07/2025	JWe
rev	description	date	by
client			
McDonald's Restaurants Ltd			
project title			
McDonald's Merthyr Tydfil, Heads of the Valleys Road			
drawing title			
Detailed Planting Plan			
			Sheet 2 of 2
date	08 SEPTEMBER 2025	drawn by	JWe
drawing number	edp9069_d012c	checked	HMc
scale	Not to Scale @ A1	QA	JFr



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Appendix EDP 2
Hard Landscape Plan
(edp9069_d013d 16 September 2025 JWe/HMc)



Note

- Design subject to engineering proposals for retaining structures and earthworks
- Drawing relates to site layout 13888_AEW_2685_0004
- For soft landscape plans see edp9069_d012

- Site Boundary
- Existing Tree/Vegetation to be Retained
Refer to the Arboricultural Report
- Proposed Tree Planting
- Proposed Cycleway Permeable Surface
Resin bound gravel to engineers specification
- Proposed Tarmacadam
To engineers specification
- Proposed Imprinted Concrete
Entrained with full layer work, hardening agent and curing system; Colour: Grey, Pattern: London Cobble
- Proposed Charcoal Brushed Concrete
To engineers specification
- Proposed Brushed Concrete
To engineers specification
- Proposed Block Paving
Product: Marshalls Keyblock (200 x 100 x 80mm)
Colour: Charcoal
- Proposed Ornamental Gravel
- Proposed Information Sign
- Proposed Totem Sign (12m)
- Proposed Timber Knee Rail (0.6m Tall)
- Proposed Fence to Residential (1.8m Tall)
Composite To be specified alongside residential works
- Proposed Post and Rail Fence (1.1m Tall)
Anti-climb to be specified to engineers specification
- Proposed Retaining Wall
To engineers specification
- Proposed Levered Vehicle Barrier
- Proposed Canopy to Vehicle Barrier
- Proposed Cycle Stands
Sheffield Cycle Hoop or similar
- Proposed Outdoor Furniture
Refer to McDonalds Product Specifications
- Proposed Target Bin
- Proposed SuDS Feature
- Proposed EV Charging Station
- Proposed Lighting Pole
To lighting engineers specification
- Proposed Lighting Bolland
To lighting engineers specification
- Proposed Bird Boxes
Tree mounted:
Specific location determined by project ecologist
- Proposed Bat Boxes (pipistrelle)
Post Mounted:
Location will be determined by project ecologist
- Proposed Bat Boxes (pipistrelle)
Mounted to existing tree/building:
Specific location determined by project ecologist
- Proposed Feature Boulder
To hedge/Hedgebank edge
- Proposed Hedgebank
See Inset

EDP designs are assessed for any significant risks under the Construction (Design and Management) Regulations 2015 and provided in a separate Design Risk Register. All risk identification matters are to be interpreted in conjunction with any other designs and coordinated by the Principal Designer (CDM).

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purpose of issue PLANNING			
d	Amends following architects specification	16/09/2025	JWe
c	Amends following lighting plan and internal QA comments.	08/09/2025	JWe
b	Amends to comments	21/08/2025	JWe
rev	description	date	by

McDonald's Restaurants Ltd			
project title			
McDonald's Merthyr Tydfil, Heads of the Valleys Road			
drawing title			
Hard Landscape Plan			
			Sheet 1
date	16 SEPTEMBER 2025	drawn by	JWe
drawing number	edp9069_d013d	checked	HMc
scale	1:200 @ A1	QA	JFr



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DESIGN
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