

Queens Road – Landscape Scheme v4

Land adjacent to Queens Road, Merthyr Tydfil

Landscape Scheme for planting and maintenance

Prepared for Gorsedd Development
by
Mackley Davies Associates Ltd

September 2021 v2

October 2021 v3 [changes to grass seed mix and tree species to meet LPA requirements]

March 2023 v4 [changes to meet new layout]

1.0 LANDSCAPE DESIGN RATIONALE:

The site consists of the former Ysgol Gymraeg Santes Tudful, which is now demolished and is dominated by the flat plateau of the former school.

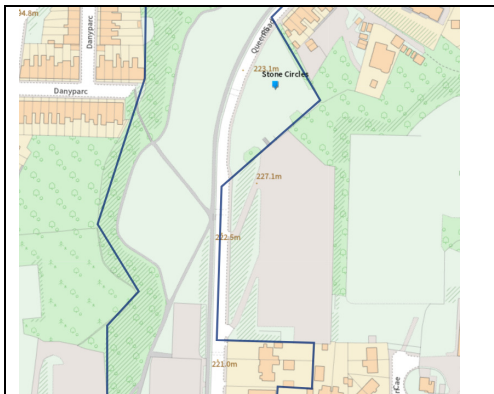
The western boundary with Queens Road is enclosed from the road by a low stone wall topped with railings which will be conserved. The two access roads leading up a steep embankment to the terraced area will be conserved with revised levels retained by new walls of between 1m and 1.5m height. The grassed embankment is planted with mature cherry, whitebeam and rowan with areas of young self-seeded cherry and goat willow, some of which will be retained – refer to the Tree Report by Mackley Davies.

The boundary to the east is defined by a low stone built retaining wall topped by a narrow stand of early mature trees consisting of ash, sycamore and goat willow which lie outside the site and provide a high, dense screen.

The southern boundary leads onto residential property with a line of mature spruce, larch and Lawson cypress conifers planted near the south west corner which will be retained along with a Category B oak.

The north boundary consists of a high retaining wall with an area of public open space including the Gorsedd Circle at the base, adjacent site trees include mature limes which overhang the site.

The site borders Thomastown Conservation Area, refer boundary from the Local Development Plan below:



Views into the site from Thomastown Park and Recreation Ground are screened in the summer by mature trees within the park along Queens Road, with trees along the west boundary and the site levels providing further screening.



Queens Road frontage

Queens Road – Landscape Scheme v4



View towards the site from Thomastown Park and Recreation Ground



East boundary showing tree screen outside the site and the stone retaining wall



South boundary showing group of conifers to be retained

The landscape aims are to:

1. Successfully retain trees identified for retention in the Tree Survey.
2. Use tree and hedge planting to soften views of buildings, fencing, parking and roads with planting suitable for a residential setting.
3. Improve ecological diversity through the use of native mixed hedges, trees, and ground cover.
4. Reinforce vegetation cover along Queens Road and Gorsedd Circle open space providing a suitable planted site frontage onto the highway and Conservation Area.
5. Minimal planting to the east boundary where views in are already screened by existing tree cover and keep views open onto the stone wall which will be retained.
6. New planting to the south boundary onto residential property.
7. Undertake maintenance for 5 years, replacing defects the following planting season, to ensure the planting plan is delivered

2.0 OUTLINE SPECIFICATION FOR SOFT LANDSCAPE WORKS

Refer to Landscape Plan reference: 21/839/03 rev C.

1.0 Work to be carried out in accordance with the following standards:

- British Standards:
 - BS 3882:2015 Specification for topsoil
 - BS 8601:2013 Specification for subsoil and requirements for use
 - BS 5837:2012 Trees in relation to design, demolition and construction
 - BS 8545:2014 Trees from nursery to independence in the landscape
 - BS 4428:1989 Code of practice for general landscape operations (excluding hard surfaces)
- National Plant Specification
- National Landscape Specification (NBS) latest revision

2.0 Protection of site trees and hedges:

Before work commences, ensure protection of any hedges and trees to be retained in accordance with BS 5837:2012 Trees in relation to design, demolition and construction in line with Mackley Davies Tree Protection Plan.

3.0 Site clearance:

Remove any rubbish, concrete, metal, glass, decayed vegetation, contaminated substrate and stones with largest dimension exceeding 100mm. Contamination includes steel, concrete, rubble, fuel, lubricants or other substances injurious to plant growth.

4.0 Soil conditions:

Do not work in waterlogged conditions, when the ground is frozen or covered by snow, or when there are pools of water on the ground surface, or following sustained heavy rainfall eg >10mm in 24 hours.

Cultivate and plant into moist friable soil.

Provide adequate additional root protection and prevent planting pit sides and bases and backfill materials from freezing.

5.0 Climatic conditions:

Carry out the work while soil and weather conditions are suitable for the relevant operations. Do not plant during periods of frost or strong winds. Bare root planting to be restricted to the 'lifting' season, generally November to March.

6.0 Machines and tools:

Use only machinery and tools suitable for the site conditions and the work to be carried out.

7.0 Excavation:

Ensure the location of all services is known before any excavation operations.

Excavation is NOT to be carried out within the root protection areas of hedges and trees to be retained.

8.0 Soils:

Soils should be investigated to determine how they can be re-used to minimize the quantities disposed of as waste.

Where a Soil Resource Plan is not available for the site, a topsoil/subsoil analysis report will be obtained from an agreed soil science consultancy. The results to include an interpretive commentary on the suitability of the topsoil/subsoil for the proposed landscape design and end users in addition to any measures required at planting or during the three year plant establishment period to aid growth.

The following hierarchy to be followed to reduce soil handling:

1. If soils are suitable and in the right location, protect during the construction period in-situ by adequate fencing
2. Otherwise, move to the receptor site
3. Otherwise, strip, store, and re-use for backfill once the receptor site is ready
4. If not suitable for re-use, replace with imported soil

All in accordance with:

- BS 15176: 2019 Guidance on the characterization of excavated soil and other materials intended for reuse
- BS 3882:2015 Specification for topsoil
- BS 8601:2013 Specification for subsoil and requirements for use
- Defra Code of Practice for the Sustainable Use of Soils on Construction Sites

Subsoil:

Use of subsoil under soft landscape areas to be site won and stripped, stored, and placed to BS8601:2013. Project Manager is to ensure subsoils under soft landscape areas are loose tipped and not firmed, consolidated, or compacted when laying. Tip and grade to approximate levels in one operation with minimum trafficking by plant. Batter/feather in local levels to achieve smooth rounded profiles and ensure falls are positive to reduce the risk of water ponding.

Topsoil should be keyed into the subsoil interface. Over-compacted subsoil should be loosened using ripping equipment before topsoiling, when soil is dry. For small areas, a small tracked excavator with a tine attachment or hand cultivation should be used. Remove surface stones larger than 75mm in preparation for cultivation, for light and non-cohesive subsoils: loosen thoroughly to a depth of 300 mm.

Topsoil:

At Queens Road, it is likely that some imported topsoil will be required. The Main Contractor shall advise the Landscape Contractor of the supply source.

If site won topsoil is to be used, strip, store, and place to BS3882:2015 with storage in low mounds <2m for humus rich topsoil to minimise compaction risk and placed in layers of 0.2m maximum. Ideally supply and place topsoil without the need for storage. If storage is required, store in low mounds <2m for humus rich topsoil to minimise compaction risk, placed in layers of 0.2m maximum. If storing for more than six months, sow with a deep rooting grass/legume mix to stabilize and maintain soil aeration and to restrict self-seeding weeds eg. Emorsgate grass/clover mix EG22c, cut growth 2-3 time pers year.

No spreading after sustained heavy rainfall over 10mm in 24 hours.

Ensure topsoil is loose tipped in layers of 0.2m maximum, and not firmed, consolidated, or compacted when laying by tipping and grading to approximate levels in one operation with minimum trafficking by plant in line with Landscape National Building Specification.

Place sufficient depth to allow for topsoil settlement.

Batter/feather in local levels to achieve smooth rounded profiles and ensure falls are positive to reduce the risk of water ponding.

Backfill to the following depths for subsoil (to BS8601:2013) and topsoil (to BS3882:2015):

	Subsoil depth mm	Topsoil depth mm
trees	600	300
ground cover, shrubs/hedging plants	300	300
grass	150	150

9.0 Tree Planting:

Refer to Tree Pit Section on Landscape Plan 21/839/01 rev C.

Backfill mix (including green compost, fertilizer, mycorrhizal supplement) for bare root stock, to accord with recommendations of any site Soil Resource Plan. Backfill mix should not be required for rootballed and container trees at planting.

Plant trees as indicated on the Planting Plan. Contractor is to locate underground services before excavation. Install a root barrier where trees will lie within 3m of an existing or proposed underground service route or highway kerb eg. Greenleaf Reroot or equivalent to full depth of topsoil to top of finished soil level with sides vertical.

10.0 Cultivation prior to planting:

If areas are weed infested, remove by hand or mechanical means or treat re-growth (during the growing season) with an approved herbicide such as Glyphosate as advised by the CA.

No cultivation to take place within hedge and tree root protection areas.

No cultivation after sustained heavy rainfall over 10mm in 24 hours.

Cultivate topsoil by hand or machine to achieve a suitable loose, friable tilth, remove rubbish/stones/roots etc over 50mm for planting areas in line with BS 3882:2015 table A.1, and rake to even out levels.

11.0 Plant Supply:

Nursery Stock to BS 3936 Part 1 'Nursery stock specification for trees and shrubs' and BS 8545:2014 Trees from nursery to independence in the landscape.

Name, forms, dimensions and other criteria as scheduled and defined in the National Plant Specification. If specified plants are unobtainable or known to be likely to be unobtainable at the time of ordering, obtain approval before making any substitution.

Plants should be:

- Materially undamaged, sturdy, healthy, vigorous, of good shape and without elongated shoots.
- Grown in suitable environment and hardened off.
- Free from pests diseases, discoloration, weeds and physiological disorders.
- Budded or grafted plants to be bottom worked unless otherwise specified or approved.
- Ideally from nurseries at a similar exposed and elevated site and UK grown.

- Produced in peat-free compost.

In addition, trees should have:

- Clearly defined and straight leader.
- Balanced branching framework with lateral branches subordinate to the leader.
- Clearly defined stem taper and proportionate, balanced height/stem girth ratio appropriate to the species.
- No crossing or co-dominant branches.
- Evenly spaced lateral roots with minimum four major laterals.
- Evenly spaced, well developed fibrous roots.
- An intact root-ball with the root-flare clearly visible.

12.0 Plant Handling:

Handling of plants to HTA National Plant Specification and the Committee for Plant Handling and Establishment Part 3 'Recommendations for Plant Handling from Delivery to Successful Establishment' and BS 8545:2014 Trees from nursery to independence in the landscape.

All plants delivered on racks. Boxed/pallet stacked plants are not acceptable.

Protect plants / trees from frost and from drying out.

Handle plants / trees with care. Protect from mechanical damage and do not subject to shock eg. by dropping from a vehicle.

All plant material is to be carefully lifted, adequately and carefully packed and protected for delivery to site.

Plants should not be lifted and stored on the delivery vehicle overnight. Ideally plants should be lifted, delivered to the site and planted on the same day.

On delivery to site, bare-root or root-balled plants, should be stacked together, away from the effects of the drying winds, their roots being covered with sand or fine soil and watered to prevent drying out.

Plants may require to be heeled-in, using prepared trenches, covered with soil (fine material) and watered thoroughly. Stored plants should be checked regularly to ensure their root systems are fully covered and that the soil (fine material) is kept moist.

If planting becomes delayed into April or later, then bare root plant material is to be stored in cold stores until required on site.

13.0 Planting:

Set out plants evenly to density and quantities shown, arranged to avoid straight lines and geometric patterns. Plant to the nursery soil depth, face up to present best side, and firm in.

For bare root stock, dip in a proprietary alginate prior to planting such as Alginure/Broadleaf P4 anti-desiccant gel before planting.

For rootballed, containerizing and container grown trees:

Dig a hole that is widest at the top with gently sloping, scarified sides to comfortably accommodate the width, but of no greater depth than the roots or root-ball. For root-balled trees the hole may be slightly shallower than the rootball (approximately 2.5-5cm), in anticipation of soil settlement. For container grown trees the hole may need to be 4-6cm shallower. Do not mix the excavated soil.

Water the root system prior to planting.

Diameter of pit to be minimum 75mm greater than the root system. Plant at correct depth with root flare visible at ground level, allowing for topsoil settlement. Backfill in 150-200mm layers, firm to eliminate voids. Final backfill layer is not consolidated. Remove wire baskets, hessian and twine used in the rootballing process where this is feasible without disturbing the root ball. Immediately water to field capacity, add mulch but not at root flare to a 1.2m radius or 3m radius for large trees where possible. ***No fertilizer to be added in the first season.***

14.0 Immediate aftercare:

Immediately after planting cut back any damaged, dead or diseased branches and remove any weak, thin or malformed growth.

For tree species any immediate aftercare is to accord with BS3998:2010 and BS 8545:2014.

If tree leaders are damaged or have been removed, the stock should be replaced.

Water as necessary to ensure the establishment and continued thriving of all planting. Ensure the full depth of topsoil is thoroughly wetted. Use a fine rose where appropriate to avoid damaging or loosening plants.

For trees planted into tree pits, wet the root system before planting and saturate the tree pit after planting to field capacity. Allow for watering every week to every fortnight according to weather conditions, from April to October. Where tree irrigation is provided, water through the cap and also use overhead watering for roots above the irrigation system – allow 20L for all trees.

Add mulch after watering in.

15.0 Tree guards/shrub shelters:

If required protect bare root hedge lines with temporary fencing until planting is established.

Trees planted into grass to be provided with mower guards.

If grazing by rabbits may be an issue, provide a shrub guard for bare root stock and add 50mm depth bark mulch to suppress weeds eg Tubex Shrub Shelter 60cm.

16.0 Tree staking:

For standard trees: three untreated wooden stakes driven well into the ground vertically, equally spaced around the root system, with biodegradable fabric ties and pad, set low on the stem (max 1/3rd tree height).

17.0 Mulch specification:

Supplier to be agreed. Generally an amenity grade is required. Spread evenly to a depth of 50mm, increasing to 75mm around trees. Ensure no plant foliage is covered by mulch, lift all ground cover foliage above.

18.0 Fertilizer:

Incorporate Enmag 6:20:10 granular fertiliser at approximate rate of 100g/m² to ornamental hedging beds.

19.0 Mown grass areas:

Carry out the work while soil and weather conditions are suitable. Ideally carry out seeding during April-May or September. Cultivate and rake removing stones over 20mm and perennial weeds and to create smooth profile with existing levels ensuring areas are 25mm settled depth higher than adjacent hard surfaces to allow for easy grass cutting and 150mm below DPC of adjoining buildings.

Spread seed evenly at the specified rate(s) applied in two equal sowings in transverse directions. Lightly harrow or rake, roll and cross-roll after seeding using a lightweight roller. Stone and earth clod removal to 10mm size.

To meet local authority requirements, seed mix to be Emorsgate EL1 Flowering Lawn Mixture (or equivalent if there are supply issues) sown at an increased rate (from 4g) to 14g per sqm to achieve a close mown grass sward suitable for private residents to maintain, in line with advice from the supplier.

A pre-seeding fertilizer should not be applied (in line with manufacturers recommendations for EL1).

3.0 PLANTING SCHEDULE

Refer to Planting Plan 21/839/03 rev C for layout and detail of tree pits and hedge planting.

	Species	Height (mm)	Description	Spacing	Total (no.)
Trees	Easy lift bag, planted into tree pits as shown on plan including irrigation points, ensure base is dug over to avoid water ponding. Good branching rather than height is key. Mulch to 75mm depth.				
Tc	Tilia cordata	2.1m clear stem	16-18cmg Easy lift bag	As per plan	2
Pa	Prunus avium	2.1m clear stem	16-18cmg Easy lift bag	As per plan	6
Bp	Betula pendula (silver birch)	2.1m clear stem	16-18cmg Easy lift bag	As per plan	2
Bp	Betula pendula (silver birch)	2.1m clear stem	10-12cmg Easy lift bag	As per plan	2
Ac	Acer campestre (field maple)	2.1m clear stem	16-18cmg Easy lift bag	As per plan	3
Ac	Acer campestre (field maple)	2.1m clear stem	10-12cmg Easy lift bag	As per plan	1
Sa	Sorbus aria (whitebeam)	2.1m clear stem	16-18cmg Easy lift bag	As per plan	4
Sa	Sorbus aria (whitebeam)	2.1m clear stem	10-12cmg Easy lift bag	As per plan	10
Ms	Malus sylvestris	2.1m clear stem	10-12cmg Easy lift bag	As per plan	7
Cm	Crataegus monogyna (hawthorn)	2.1m clear stem	10-12cmg Easy lift bag	As per plan	9
Sauc	Sorbus aucuparia (rowan)	2.1m clear stem	10-12cmg Easy lift bag	As per plan	11

Groundcover [E = evergreen]					
372sqm	Hedera helix Hibernica E	Groundcover	1L	4/sqm	1488
26sqm	Osmunda regalis [royal fern]	planted in informal blocks of 3 sqm	2L	4/sqm	104
26sqm	Harts Tongue fern	planted in informal blocks of 3 sqm	2L	4/sqm	104
31sqm	Blechnum spicant [hard fern]	planted in informal blocks of 3 sqm	2L	4/sqm	124
	Bulbs planted into ivy groundcover as shown in 2 areas: 12sqm dwarf daffodils 35/ sqm 15sqm snowdrop 80/sqm 10sqm native bluebell 20/sqm	Plant in informal drifts of 5sqm. Centres/depths as per suppliers recommendation.			44sqm

Ornamental evergreen hedges to garden boundaries

Plant a staggered row at 3 **plants/lin m**. Mulch hedge width to 50mm depth. Maintain to min height 1.2m to max height 1.8m.

PIV	Prunus lusitanica Variegata	61m	5L	3/linm	183
PIR	Photinia x fraseri Red Robin	29m	5L	3/linm	87
Ch	Choisya ternate Sundance	17m	5L	3/linm	51
Esc	Escallonia Apple Blossom	28m	5L	3/linm	84

Ornamental low to medium height mixed flowering hedges within gardens – 147 lin m

Plant a staggered row at 3 **plants/lin m**. Mulch hedge width to 50mm depth. Maintain to min height 1.2m to max height 1.8m. Species mix can cope with shade from fencing. Plant in species groups of 3, 5 or 7 no to maximise variety in each garden.

Skimmia Rubella	5L	3/linm	63
Hydrangea aborescens Annabelle	5L	3/linm	63
Choisya White Dazzler	5L	3/linm	63
Escallonia Apple Blossom	5L	3/linm	63
Hypericum Hidcote	5L	3/linm	63
Potentilla Primrose	5L	3/linm	63
Olearia haastii	5L	3/linm	63

Beech Hedges – 118 linear meters

Plant a double staggered row [450mm between rows, 400mm along rows] at 5 **plants/lin m**, bare root transplants 1+2, 900-1200mm. Mulch hedge width to 50mm depth. Maintain to height shown on plan, range 1.0-1.5m height.

Fagus sylvatica [beech]	590
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Native Mixed Hedges – 246 linear meters

Plant a double staggered row [450mm between rows, 400mm along rows] at 5 **plants/lin m**, bare root transplants 1+2, 900-1200mm. Mulch hedge width to 50mm depth. Maintain to height shown on plan, allow sections to grow on or cut in February every 3 years [face side and top on rotation] to provide source of nuts and berries where space allows.

Hawthorn [Crataegus monogyna] 55%		Groups of 5 or 7	675
Holly [Ilex aquifolium] 15%	2L 400-600mm	Groups of 1 or 2	185
Hazel [Corylus avellana] 15%		Groups of 5 or 7	185
Lonicera periclymenum 5%	9cm pot 300-400 mm	Single at 3-5m centres	60
Viburnum opulus (guelder rose) 10%		Single at 1-3m centres	120

Climbers to walls

Plant in groups of 3 no species at 1m intervals. Species are self-clinging. Allow to spread along wall.

Hydrangea petiolaris	3L	12
Euonymus Silver Queen	3L	12
Hedera colchica	3L	12

4.0 MAINTENANCE TASKS

For newly planted areas:

Undertake maintenance at regular intervals during the growing season April to September.

During the 5 year establishment phase carry out maintenance of the planted areas as follows:

- Maintain a weed free area around each tree/shrub, minimum diameter 1.2m by use of hand weeding (herbicide such as glyphosate could be used but there is a risk of plant damage from herbicide drift)
- The timing and method of weed control is to be kept under review.
- If herbicides are to be used, they are to be in accordance with COSHH regulations and manufacturers instructions.
- Watering trees: for the first growing year allow for watering every week to every fortnight according to weather conditions, from April to October. Water through the irrigation cap AND also use overhead watering for roots above the irrigation system – allow 20L for all trees. Watering in year 2 is also likely to be required.
- For other plants, water as necessary to prevent plants wilting.
- Undertake formative pruning to maintain good dense plant structure.
- Re-firm soil around any loose plants without compacting.
- Maintenance operations shall be carried out only during suitable weather conditions.
- Top up bark mulch to maintain depth of 50mm for shrubs and hedges, 75mm for trees.
- Hedges to be pruned at appropriate times to remove dead or dying and diseased wood and suckers to promote healthy growth and natural shape. Prune to achieve heights as shown on the Landscape Plan.
- Ornamental evergreen hedges to garden boundaries – large shrubs unless maintained annually, maintain to min height 1.2m to max height 1.8m by cutting in Spring.
- Ornamental mixed flowering hedges within gardens – these are low to medium height shrubs that do not require annual pruning.
- Beech hedges (only to be cut once max height is reached), cut annually in August to maintain height shown on plan, range 1.0-1.5m.
- Native mixed hedges - maintain to height shown on plan, allow sections to grow on or cut in February every 3 years [face side and top on rotation] to provide source of nuts and berries where space allows, for example along the south boundary.
- Allow groundcover to spread but cut back from hard surfaces.
- Prune trees to favour a single central leading shoot, unless specified otherwise. Prune in accordance with good horticultural practice.
- Tree stakes should be removed at year 2 or year 3.
- Every month check condition of stakes, ties, irrigation. Replace broken or missing items. Adjust if necessary to allow for growth and prevent rubbing of bark. Cut back any damaged bark.
- Close mown grass areas: for first year management, the EM1 mix (which is a wild flower and grass species mix) will include some species that may be slow to germinate and grow. Any resulting flush of annual weeds should be controlled by repeated mowing every 7 -10 days during growing season throughout the first year of establishment. Cutting to a height of 40-60mm and removing cuttings if dense. Regular mowing will gradually help develop a good sward structure, maintain a balance between faster growing grasses and slower developing wild flowers, and control annual weeds. Perennial residual weeds such as dock should be dug out. Once established the mix can be mown regularly as a lawn. Further information is available from the supplier at <https://wildseed.co.uk/mixtures/view/56/flowering-lawn-mixture>

For existing trees:

These will be inspected by a qualified arboricultural consultant on a 3 year basis to ensure they remain in a safe and healthy condition. Any tree removal required will be replaced on a like for like basis where practicable.

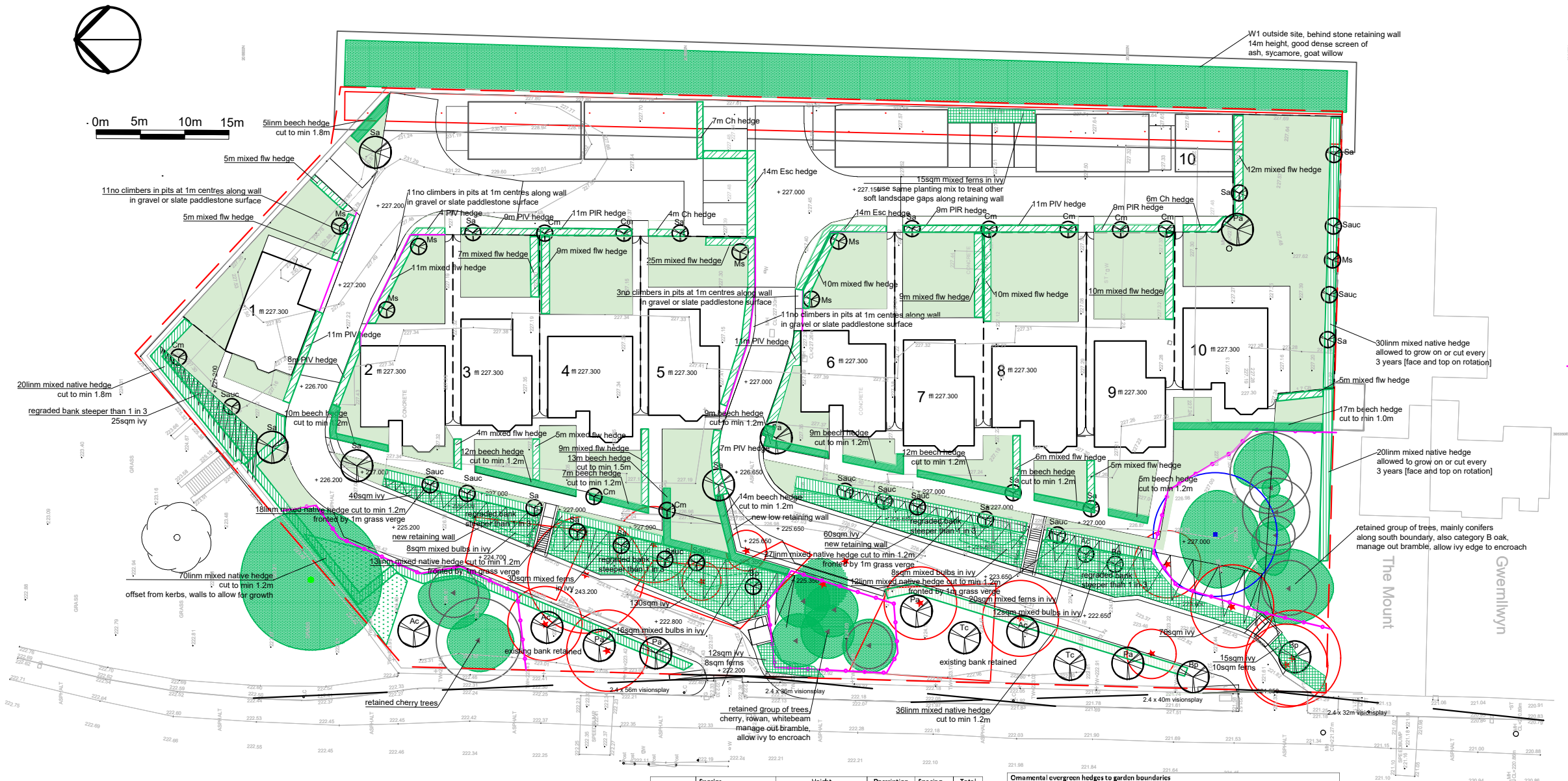
5.0 MONITORING AND DEFECT REPLACEMENTS

The soft landscape works will be implemented by a BALI registered landscape contractor appointed by the applicant.

Post Practical Completion, the first 12 months management is to be included with the landscape contract to ensure the soft landscape elements are implemented in accordance with the approved planting plans, outline specification, and that trees, shrubs, ground cover, lawns, successfully establish. All plant failures within the first year will be replaced by the contractors on a like for like basis.

Soft landscape maintenance and management following the end of the 12 month defects period, will continue in line with the specification in section 4.0 for a minimum period of 5 years in accordance with planning conditions. The responsibility will be split between individual owners and the applicants management company. The attached plan **21/839/04** shows the areas that will continue to be the responsibility of the applicants management company, these are areas outside individual private ownership.

The company will monitor and review soft landscape operations and their frequency on an on-going basis to ensure the aims are met. An annual walkover will enable monitoring of tree and hedge establishment success, with any plants that fail to thrive during the **5 year establishment phase** to be replaced in the next suitable planting season [November to March inclusive]. Replacements will match the size of adjacent or nearby plants of the same species or should match the original specification, whichever is the greater.



Notes

- tree planting at 16-18cmg
- tree planting at 10-12cmg
- proposed evergreen and flowering hedges
- proposed beech hedge
- proposed native mixed hedge
- proposed groundcover
- proposed mown grass, mix Emorsgate EL1 Flowering Lawn Mixture sown at 14g/sqm
- existing levels (topographic survey data)
- proposed levels (architects layout plan)
- trees and hedges to be removed
[refer Tree Survey by Mackley Davies]
- trees and hedges to be retained
[refer Tree Survey by Mackley Davies]
- tree protection fence line
[refer Tree Survey by Mackley Davies]

Rev C 03.03.23 revised site layout.

Rev B 26.10.21 tree species and grass mix changed to meet planning requirement for native species.

Rev A 21.9.21 garden hedge planting amended to run across top of existing steps.

Layout and levels based on Site Plan 001 by Stuckey George.

Refer to Mackley Davies Landscape Scheme [for plant schedule, outline specification and maintenance/management].

Refer to Mackley Davies Tree Survey & Arboricultural Impact Assessment.

All dimensions must be checked on site and not scaled from this drawing.

This drawing is for the purposes of PLANNING. Based on Ordnance Survey data as supplied. OS Licence 100043966

MACKLEY DAVIES ASSOCIATES LTD
Ffynnon yr Eirin - Crickhowell Road, Giltwern
Abergavenny - NP7 0EH. 01873 831796.
gill@mackleydaves.co.uk

SITE
Queens Road, Merthyr Tydfil

CLIENT
Gorsedd Development

DRAWING TITLE
Landscape Layout

SCALE 1:250 @ A1
DATE September 2021
Job No. 21/839/03
REVISION No. C

Species	Height (mm)	Description	Spacing	Total (no.)
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15sqm snowdrop 80/sqm				
10sqm native bluebell 20/sqm				

Ornamental evergreen hedges to garden boundaries

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Ornamental low to medium height mixed flowering hedges within gardens - 147 lin m

Plant a staggered row at 3 plants/lin m. Mulch hedge width to 50mm depth. Maintain to min height 1.2m to max height 1.8m. Species mix can cope with shade from fencing. Plant in species groups of 3, 5 or 7 to maximise variety in each garden.

Skimmia Rubella	SL	3/linm	63
Hydrangea abnormis Annabelle	SL	3/linm	63
Choisya White Dazzler	SL	3/linm	63
Escallonia Apple Blossom	SL	3/linm	63
Hypericum Hidcote	SL	3/linm	63
Potentilla Primrose	SL	3/linm	63
Olestra heasti	SL	3/linm	63

Beech Hedges - 118 linear meters

Plant a double staggered row (450mm between rows, 400mm along rows) at 5 plants/lin m. Bare root transplants 1+2, 900-1200mm. Mulch hedge width to 50mm depth. Maintain to height shown on plan, range 1.0-1.5m height.

Pagesylvatica (beech) 590

Native Mixed Hedges - 246 linear meters

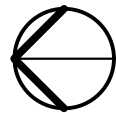
Plant a double staggered row (450mm between rows, 400mm along rows) at 5 plants/lin m. Bare root transplants 1+2, 900-1200mm. Mulch hedge width to 50mm depth. Maintain to height shown on plan, allow sections to grow on or cut in February every 3 years (face side and top on rotation) to provide source of nuts and berries where space allows.

Hawthorn (Crataegus monogyna) 55%	Groups of 5 or 7	6.75
Holly (Ilex aquifolium) 15%	Groups of 1 or 2	185
Hazel (Corylus avellana) 15%	Groups of 5 or 7	185
Lonicera periclymenum 5%	Single at 3.5m centres	60
Viburnum opulus (guelder rose) 10%	Single at 1.5m centres	120

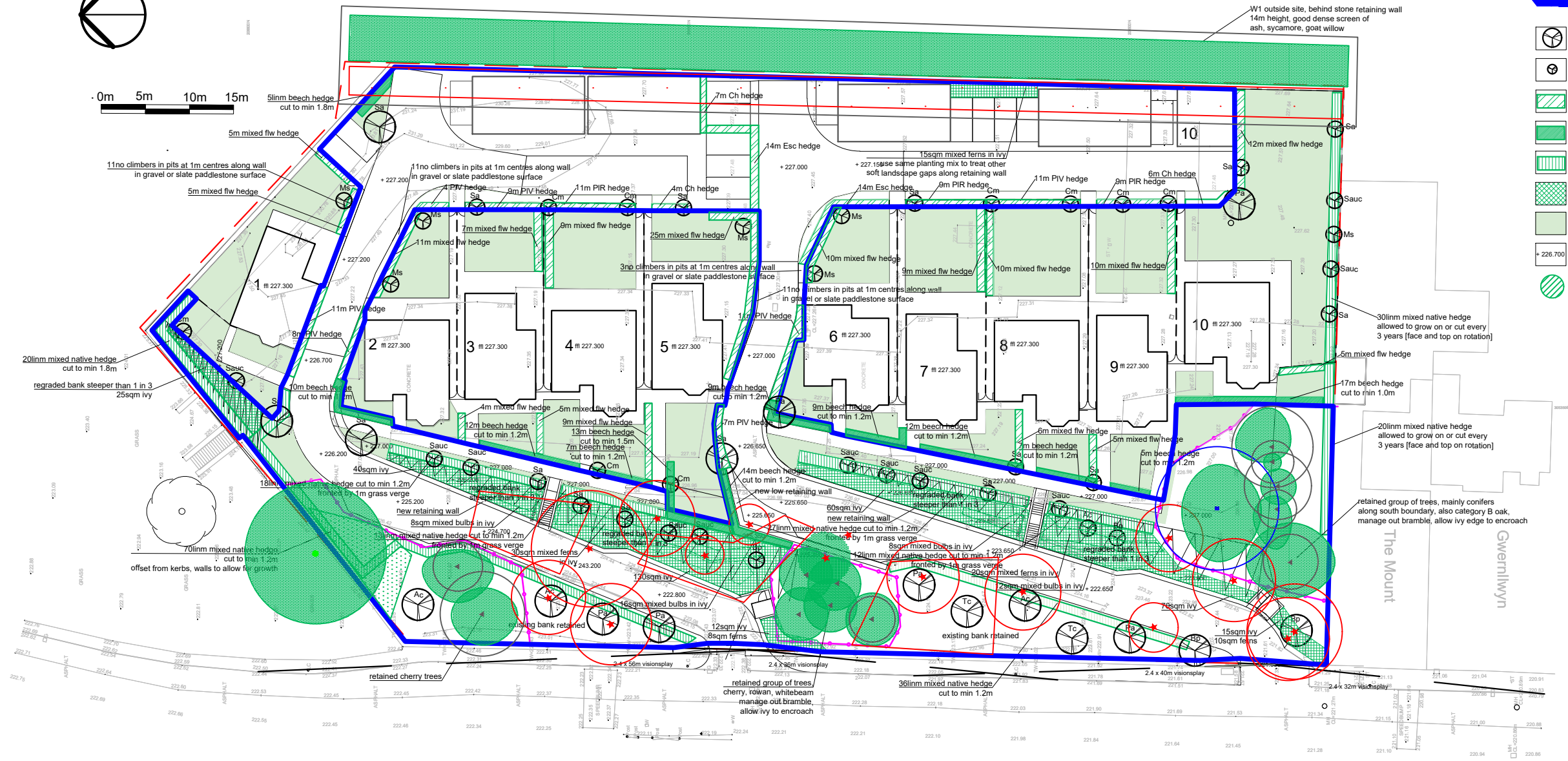
Climbers to walls

Plant in groups of 3 no species at 1m intervals. Species are self-clinging. Allow to spread along wall.

Hydrangea petiolaris	3L	12
Eucynurus Silver Queen	3L	12
Hedera colchica	3L	12



0m 5m 10m 15m



Notes



area to be maintained by applicants
Landscape Management company
shown in blue



tree planting at 16-18cm



tree planting at 10-12cm



proposed evergreen and flowering hedges



proposed beech hedge



proposed native mixed hedge



proposed groundcover



proposed mown grass, mix Emorsgate EL1
Flowering Lawn Mixture sown at 14g/sqm



proposed levels [architects layout plan]



trees and hedges to be retained
[refer Tree Survey by Mackley Davies]

Layout and levels based on Site Plan 001
by Stuckey George.

Refer to Mackley Davies Landscape Scheme
[for plant schedule, outline specification and
maintenance/management].

Refer to Mackley Davies Tree Survey & Arboricultural
Impact Assessment.

All dimensions must be checked on site and not
scaled from this drawing.

This drawing is for the purposes of PLANNING.
Based on Ordnance Survey data as supplied.
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MACKLEY DAVIES ASSOCIATES LTD
Ffynnon yr Eirin, Crickhowell Road, Giltwern
Abergavenny, NP7 0EH, 01873 831796
gill@mackleydaves.co.uk

SITE
Queens Road, Merthyr Tydfil

CLIENT
Gorsedd Development

DRAWING TITLE
Soft Landscape Maintenance Responsibility

SCALE	1:250 @ A1	Job No.	21/839/04
DATE	March 2023	REVISION No.	