

Planting Schedule

All plants to be supplied from an HTA approved nursery and in accordance with National Plant Specification

TREES

Key	Species	Specification	Life cycle Carbon Capture	No.
AG	Alnus glutinosa	2.0-2.5m ht, Feathered,m-stem, 5 breaks	2762 Kg	3
AR	Acer rubrum 'Scanlon'	18-20cm, 4.5m min ht, 2m clear stem	3676 Kg	1
BN	Betula nigra 'Heritage'	2.0-2.5m ht, Feathered,m-stem, 5 breaks	3224 Kg	4
CB	Carpinus betulus	18-20cm, 4.5m min ht, 2m clear stem	6731 Kg	7
LS	Liquidamber styraciflua	18-20cm, 4.5m min ht, 2m clear stem	2377 Kg	5
OC	Ostrya carpinifolia	18-20cm, 4.5m min ht, 2m clear stem	3454 Kg	1
OCF	Ostrya carpinifolia	2.0-2.5m ht, Feathered,m-stem, 5 breaks	3454 Kg	5
QR	Quercus robur	18-20cm, 4.5m min ht, 2m clear stem	7500 Kg	6
TC	Tilia cordata'	18-20cm, 4.5m min ht, 2m clear stem	5019 Kg	4

Trees to be supplied from Oak Processionary Moth (OPM) free countries, from designated pest free areas including protected zones. Plant passports will be required.

NATIVE HEDGEROW MIX (Ref: NHM)

%	Species	Specification	No
20%	Acer campestre	1+1 b-root transplant, 40-60cm ht	98
20%	Corylus avellana	1+1 b-root transplant, 40-60cm ht, 2/4 breaks	98
30%	Crateagus monogyna	1+1 b-root transplant, 40-60cm ht, 3 breaks	147
20%	Ilex aquifolium	2 Lt, 40-60cm ht, 3 breaks	98
10%	Cornus sanguinea	1+1 b-root transplant, 40-60cm ht,	49

Transplants to be pit planted in rows (November to March). Rows shall be 500 mm apart (total hedge width 1m) and planted at 500 mm centres (staggered) ensuring no less than 4 no plants per linear meter. Protect with spiral rabbit guards 60cm in height supported by cane. 1.2m High timber post and 3 wire fence integrated into hedgeline.

BULB PLANTING

Key	Species	Specification	No.
Na	Narcissus 'Actea'	12/14 Planting Depth 10-15cm, random spacing, 50m²	1535
Nfg	Narcissus February Gold	10/12 Planting Depth 15cm, random spacing, 50m²	1520
Nt	Narcissus 'Thalia'	12/14 Planting Depth 15cm, random spacing, 50m²	1445

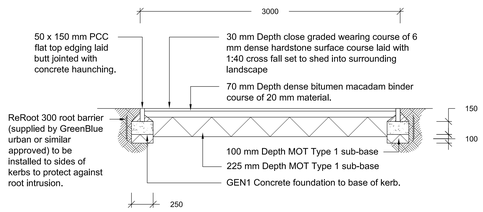
ACOUSTIC BUND PLANTING

%	Species	Specification	No
15%	Acer campestre	1+1 bareroot transplant, 45-60cm height	8
10%	Corylus avellana	1+1 bareroot transplant, 45-60cm height	5
10%	Cornus sanguinea	1+1 bareroot transplant, 45-60cm height	5
35%	Crataegus monogyna	1+1 bareroot transplant, 45-60cm height	18
10%	Ligustrum vulgare	1+1 bareroot transplant, 45-60cm height	5
10%	Sambucus nigra	1+1 bareroot transplant, 45-60cm height	5
10%	Viburnum opulus	1+1 bareroot transplant, 45-60cm height	5

Transplants to be pit planted in rows (November to March). 6 No. rows shall be 250mm apart (total hedge width 1500mm) and planted at 300 mm centres (staggered) ensuring no less than 18 no plants per linear meter. Protect with clear spiral rabbit guards 45cm in height supported by cane. 1.2m High timber post and 3 wire fence installed into southern side of acoustic bound to to reduce likelihood of people walking over bund during establishment.

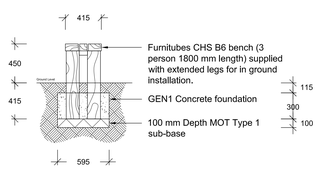
GENERAL AMENITY / FLOWERING LAWN MIX - (Such as Naturescape N14 Flowering Lawn mixture or similar)
Mixture N14F contains a mix slow growing grasses with a selection of native wild flowers that will tolerate close mowing to a height of 5cm for the majority of the year , permitting individual choice regarding when mowing is ceased to allow flowering. (Sowing Rate: 5g per square metre, 20kg per acre, 50kg per hectare).

Tarmac Footpath / Cycleway Detail Scale 1:25



Path construction 3.0m width for combined cycle / pedestrian footway. When footpath only 2.0m width

Bench Installation Detail Scale 1:25



Scale

0 1 2 3 5 10 20 40

Outline Planting Specification

GENERAL NOTES
All plants to be healthy and in compliance of BS3936 Specification For Nursery Stock and planting operations should be carried out in accordance with BS4428 Code of Practice for General Landscape Operations.

IMPLEMENTATION PROGRAMME
Rootballed trees and bareroot whips to be planted within the dormant season (Nov-March) within the first planting season following completion of the building works. Grass seed to be sown in the first spring following completion of the building and planting works, or turf can be laid any time of the year during suitable weather conditions.

GROUND PREPARATION
All soil areas to be cultivated prior to the commencement of planting and seeding operations. Works to include the loosening, aerating and breaking up soil to a depth of 400 mm for planting beds and 150 mm in proposed grass areas, with weeds and any stones removed. For areas designated grass seeding, topsoil shall be prepared to a fine tilth by mechanical or hand raking. Surfaces shall be prepared to a consistent level with any surface deviation greater than 15 mm regraded. All imported materials shall be in accordance with BS 3882 for amenity use.

All areas to be planted are to be treated with roundup or similar approved herbicide at least 14 days before planting operations commence

TOPSOILING
All top soiling to general planting and grass areas to be in accordance with BS3882. All topsoil supplied to site shall be free or pernicious weeds and roots, clay lumps, non-soil materials or other building materials. Topsoil shall be spread evenly over areas and settlement accounted for in depth calculations. Topsoil is to be spread in layers and firmed when the material is reasonably dry. All soil finishes should be married in with existing adjacent levels to form a consistent join.
Minimum topsoil depths are as follows;
Grass areas 150 mm
Acoustic bund planting areas 300 mm
Native hedges 400 mm
Trees backfill with 300 mm depth, or backfilled to rootball depth + 100 mm using topsoil subsoil mix if smeared clay is present in pit or soil is identified as contaminated.

TREEPLANTING
Tree pits are to be excavated to the depth of the rootball or larger as per the attached section with the base forked over to prevent smearing. Trees are to be planted at the same depth as supplied. Pits are to be backfilled using a mix of TPMC and this operation is to be completed in layers and firmed.

All trees are to be tripple staked, cut approximately one third clear height of stem above ground level. Triple staked trees to be attached to the tree using 3 adjustable ties. All trees are to be thoroughly watered after planting. Strim guards to be fitted to base of tree.

NATIVE HEDGEROW PLANTING
All hedge planting shall be 1m in width and planted in rows to be pit planted in sufficient sized pits capable of fully accommodating the root system. Shrubs to be planted a level as supplied and heeled in and watered if planting works are completed during a dry period. Dead damaged or straggly branches shall be removed after planting. All plants shall be fitted with strim and protection guards, where possible these shall be supplied in black or green with sufficient support and means to allow for expansion.

1.2m High timber post and wire fence to be integrated into hedgeline to protect hedgerow during development.

Bark mulch (not shredded timber) is be applied to the base of the hedgeline and spread to a minimum depth of 75 mm with particle size of 30-50mm. The mulch shall be free of disease, pest or weed contamination, treated with a fire retardent and be supplied with a certificate of quality.

ACOUSTIC BUND PLANTING
All planting shall be pit planted in sufficient sized pits capable of fully accommodating the root system. Shrubs to be planted a level as supplied and heeled in and watered if planting works are completed during a dry period. Dead damaged or straggly branches shall be removed after planting. All plants shall be fitted clear spiral rabbit guards 45cm in height supported by cane, with means to allow for expansion, 1.2m High timber post and wire fence to be integrated into southern boundary of planting to protect from unauthorised access during establishment.

Greenfix Covamat Plus Type 3 pre seeded erosion matting to be installed to sides of bunds to prevent soil slumping and affixed using pins at a rate of 3 per m². Matting to be supplied pre seeded with Mix 2B (Dry and Stony Soil Seed Mix) which is optimised for the soil conditions with a degree of salt tolerance.

FLOWERING LAWN AMENITY MIXTURE
Ground preparation - Control existing seed bank and weed establishment with an approved herbicide treatment prior to initial sowing. Good preparation is essential to success so aim to control weeds and produce a good quality seed bed before sowing.

To prepare a seed bed first remove weeds using repeated cultivation. Then plough or dig to bury the surface vegetation, harrow or rake to produce a medium tilth, and roll or tread to produce a level firm surface.

Sowing - Seed is best sown in the autumn or spring but can be sown at other times of the year if there is sufficient warmth and moisture. The seed must be surface sown and can be applied by machine or broadcast by hand at a rate specified by the manufacturer. Do not incorporate or cover the seed and ensure consolidation of the seed in the soil by use of a light roller, or alternatively by treading, to give good soil/seed contact.

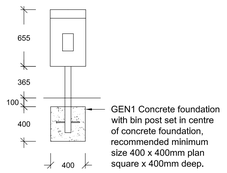
First Year Management - The wild flower and grass species in this mix are perennial; they will be slow to germinate and grow and will not usually flower in their first growing season. There will often be a flush of annual weeds from the soil in the first growing season. This annual weed growth is easily controlled by repeated mowing.

Mow newly sown flowering lawns regularly (every 7 -10 days during growing season) throughout the first year of establishment. Cut to a height of 40-60mm, removing cuttings if dense. This will gradually develop a good sward structure, help maintain balance between faster growing grasses and slower developing wild flowers, and control annual weeds. Remove any residual perennial weeds such as docks.

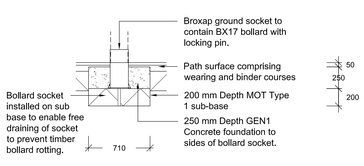
BULB PLANTING
Bulbs to be scattered on the ground and planted where they fall to create a naturalised planting drift. Bulbs to be planted at a rate of 50m².

REPLACEMENT
During each annual inspection any planting on site that is missing, has died or failed within the LEMP period will be replaced in accordance with the planting schedule in the next planting season. Substitutions with only be permitted if approved in writing by the landscape architect.

Dog Waste Bin Installation
Scale 1:25



Bollard Socket Install Detail Scale 1:25



Street Furniture Details



Broxap Square tradditional style cast iron litter bin BX2315 (115L) supplied in black with decorative gold banding and all fixtures and fittings. Bin to be ground fixed in mass concrete foundations as per manufacturers specification.



Furnitubes Cheshunt CHS B6 Benches to be supplied to site smooth planned and coated coated with 'Sadolin Classic Teak' Extended legs for in-ground installation within concrete foundations.



Broxap BX17 timber bollards pointed, with rebate (non reflective) 1.25 m ht x 200 x 200 mm bollards to be installed into removable sockets.



Broxap bollards to be supplied with removable sockets to enable maintenance / emergency access into Greenway. Padlocks and keys to be provided for management company. Sockets to be installed in GEN1 concrete foundations.



Furnitubes Dog Waste Bin LUK 745 F 25kg root fixed bin supplied powder coated in green with stainless steel handle and hinges. Ground fixed in accordance with manufactures guidelines to a minimum size of 400 x 400 x 400mm deep

Key

- Red line boundary
- Proposed Tree (Root protection barrier indicated)
- Proposed Feathered Tree (Root protection barrier indicated)
- Flowering lawn amenity mix grass
- Tarmac Paths
- Furnitubes 'Cheshunt' CHSB6 3 person Bench
- Native mix hedgerow planting with 1.2m timber post and 3 wire fence
- Acoustic bund planting
- Broxap BX17 timber bollards pointed, in removable sockets.
- Proposed litter bin locations
- Proposed dog waste bin locations

Notes

1) This drawing is to be read in conjunction with all other relevant MHP drawings and information supplied by other consultants.

2) Hatch patterns displayed on this drawing are indicative only and do not represent actual paving units or material sizes.

3) All tree planting in proximity to buildings to be checked by engineers to ensure foundation detailing is appropriate.

4) Dog waste bins and timber benches to be supplied by Furnitubes, Unit 9,1,1, The Leather Market, Weston Street, London SE1 3ER, Tel: 020 8378 3200.

5) Timber bollards and litter bins to be provided by Broxap, Rowhurst Industrial Estate, Chesterton, Newcastle-under-Lyme, ST5 6BD. Tel: 01782 564 411.

6) ReRoot 300 supplied by Green Blue Urban, Northpoint, Compass Park, Junction Road, Bodiam, TN32 5BS. Tel: 01580 830 800

Rev.		Date:	Drawn:	Checked:
H	Accoustic bund planting reconfigured in response to landscape officers comments. Planting specification updated accordingly.	11-05-26	DAL	PSH
G	Substation omitted, trees repositioned in surrounding location	19-11-25	DAL	PSH
F	Substation repositioned	29-10-25	DAL	PSH
E	Changes to residential site plan incorporated	24-09-25	DAL	PSH
D	Position of northern most trees amended	30-07-25	DAL	PSH
C	Substation included in Greenway	07-05-25	DAL	PSH
B	Additional cycle connection link included through Greenway	17-04-25	DAL	PSH
A	Southern end of dividing hedge reconfigured. Bowling lawn mix changed from Emorsgate to Naturescape N14	11-10-23	DAL	PSH

Revisions:

Project: Glan Llyn - Phase 4D

Client: Barratt & David Wilson Homes South Wales

Title: Greenway Proposals

Drawing number: 23021.111 Rev: H

Status: FOR INFORMATION

Drawn By:	Checked By:	Date:	Scale @ A0:
DAL	PSH	12-05-23	1:200

Glan Llyn - Phase 4D
Greenway Proposals

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