Planting specification

Topsoil
Prior to supply and spreading of topsoil, all subsoil areas are to be ripped (subject to site specific geology) to alleviate compaction and improve aeration in accordance with BS 3882:2015 British standard for Topsoil, Annex A Recommendations for stripping, handling and preparing topsoil.

The topsoil is to comply with the British Standard BS 3882:2015 definition for Multipurpose grade topsoil, and is to be accompanied with a test certificate and horticultural analysis summary for approval by the landscape architect prior to delivery to site.
Provide a minimum of one week's notice.

Existing subsoil to be broken up to 300mm depth in planting areas.
Topsoil depths:
Shrub planting – 450mm depth
Wildflower seed – 100mm depth

Trees
Trees shall be set in pits 900mm Ø x 900mm depth, backfilled with a mixture of approved topsoil and tree and shrub planting compost at the rate of one part compost to two parts topsoil and 70 -140g/m² Osmocote, Sierrablen Flora 15-9-9 + 3% MgO granular controlled release, or similar approved.
Small trees/ Specimen shrubs to be set in 750 x 750mm pits and backfilled with topsoil, compost and fertilizer mix at a rate as for the trees.
Each tree shall be planted to the original depth and secured by two stakes 1.4m in length and a timber cross bar with soft rubber block and belting. After planting all trees shall be thoroughly watered in and a 50mm depth layer of Melcourt ornamental Bark Mulch 5-35 mm with minimal dust and fines and less than 5% wood content or similar approved spread over the tree pit. Allow one clear spiral guard and one 2.5m x 35mm Mona relief watering pipe with Alra inlet per tree. - Supplier Greentech Tel: 01423 332100 or similar approved.

Shrub planting
PLANTS - GENERAL
- Condition: Materially undamaged, sturdy, healthy and vigorous.
- Appearance: Of good shape and without elongated shoots.
- Hardiness: Grown in a suitable environment and hardened off.
- Health: Free from pests, diseases, discoloration, weeds and physiological disorders.
- Budded or grafted plants: Bottom worked.
- Root system and condition: To requirements of National Plant Specification and balanced with branch system.

All shrubs shall be set out to the positions shown on the drawing and to the densities given. All stock shall comply with the specification provided on the drawing.
Plants unobtainable or known to be likely to be unobtainable at time of ordering: Submit alternatives, stating: Price; difference from specified plants/ trees. Obtain approval before making any substitution.
All shrub beds shall be topped up with good quality topsoil to ensure 450mm planting depth the base ground being thoroughly broken up before placement. Tree and shrub planting compost shall be spread to a minimum depth of 50mm and in addition evenly spread, 70 -140g/m² Osmocote, Sierrablen Flora 15-9-9 + 3% MgO granular controlled release, or similar approved, thoroughly working in during cultivation.
Shrub planting pits should be 150 mm wider than roots when fully spread. Backfill with excavated material. After planting thoroughly water immediately without damaging or displacing plants or soil.
Lightly firm soil around plants and fork and/ or rake soil, to a fine tilth with gentle cambers and no hollows. Avoid damaging plants. A 50 mm depth layer of Melcourt ornamental Bark Mulch 5-35mm with minimal dust and fines and less than 5% wood content or similar approved spread is to be spread over entire bed.
The mulch shall be free of pests, disease, fungus and weeds.

Wildflower seed

Wild flower areas shall be topsoiled with 100 mm of low grade topsoil placed over well cultivated and graded ground. Prior to seeding areas shall be sprayed with an approved contact herbicide to clean the seed bed of unwanted plant species.
The soil shall be raked and cross raked to form a fine tilth. Seed shall be sown in two directions at 10g/m² and lightly raked in.

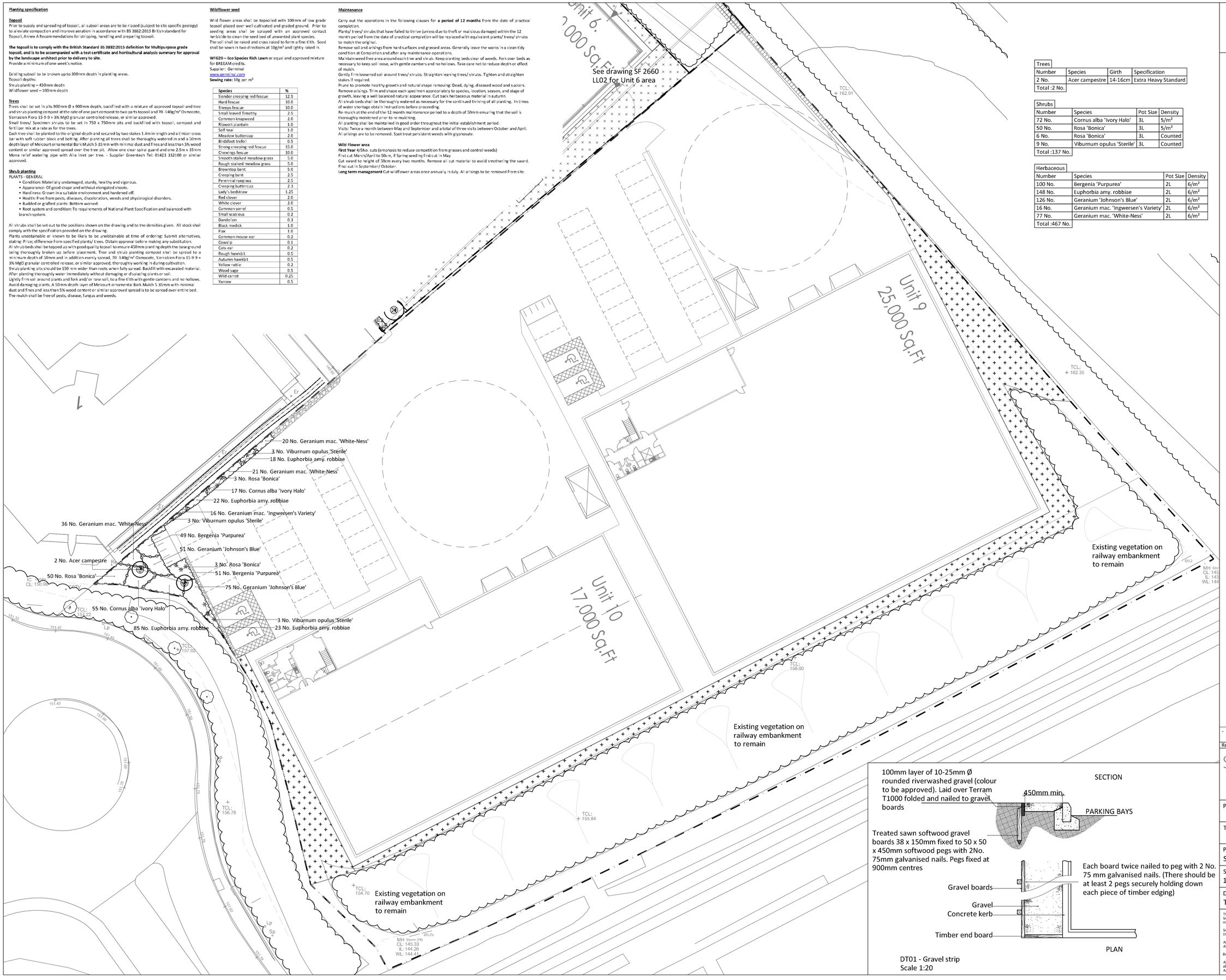
WFGZ0 – Eco Species Rich Lawn or equal and approved mixture for BREEAM credits.
Supplier: Germinal
www.germinal.com
Sowing rate: 10g per m²

Species	%
Slender creeping red fescue	12.5
Hard fescue	10.0
Sheeps fescue	10.0
Small leaved Timothy	2.5
Common knapweed	2.0
Ribwort plantain	1.0
Self heal	1.0
Meadow buttercup	2.0
Birdsfoot trefoil	0.5
Strong creeping red fescue	15.0
Chewings fescue	10.0
Smooth stalked meadow grass	5.0
Rough stalked meadow grass	5.0
Browntop bent	5.0
Creeping bent	2.5
Perennial ryegrass	2.5
Creeping buttercup	2.3
Lady's bedstraw	1.25
Red clover	2.0
White clover	2.0
Common sorrel	0.5
Small scabious	0.2
Dandelion	0.3
Black medick	1.0
Flax	1.0
Common mouse-ear	0.2
Cowslip	0.1
Cats-ear	0.2
Rough hawkbit	0.5
Autumn hawkbit	0.5
Yellow rattle	0.2
Wood sage	0.5
Wild carrot	0.25
Yarrow	0.5

Maintenance

Carry out the operations in the following clauses for **a period of 12 months** from the date of practical completion.
Plants/ trees/ shrubs that have failed to thrive (unless due to theft or malicious damage) within the 12 month period from the date of practical completion will be replaced with equivalent plants/ trees/ shrubs to match the original.
Remove soil and arisings from hard surfaces and grassed areas. Generally leave the works in a clean tidy condition at Completion and after any maintenance operations.
Maintain weed free area around each tree and shrub. Keep planting beds clear of weeds. Fork over beds as necessary to keep soil loose, with gentle cambers and no hollows. Take care not to reduce depth or effect of mulch.
Gently firm loosened soil around trees/ shrubs. Straighten leaning trees/ shrubs. Tighten and straighten stakes if required.
Prune to promote healthy growth and natural shape removing: Dead, dying, diseased wood and suckers. Remove arisings. Trim and shape each specimen appropriately to species, location, season, and stage of growth, leaving a well balanced natural appearance. Cut back herbaceous material in autumn.
All shrub beds shall be thoroughly watered as necessary for the continued thriving of all planting. In times of water shortage obtain instructions before proceeding.
Re-mulch at the end of the 12 month maintenance period to a depth of 50mm ensuring that the soil is thoroughly moistened prior to re-mulching.
All planting shall be maintained in good order throughout the initial establishment period.
Visits: Twice a month between May and September and a total of three visits between October and April.
All arisings are to be removed. Spot treat persistent weeds with glyphosate.

Wild Flower area
First Year 4/5No. cuts (emphasis to reduce competition from grasses and control weeds)
First cut March/April to 50cm, if Spring seeding first cut in May
Cut sward to height of 50cm every two months. Remove all cut material to avoid smothering the sward.
Final cut in September/ October.
Long term management Cut wildflower areas once annually in July. All arisings to be removed from site.



Trees			
Number	Species	Girth	Specification
2 No.	Acer campestre	14-16cm	Extra Heavy Standard
Total :2 No.			

Shrubs			
Number	Species	Pot Size	Density
72 No.	Cornus alba 'Ivory Halo'	3L	5/m²
50 No.	Rosa 'Bonica'	3L	5/m²
6 No.	Rosa 'Bonica'	3L	Counted
9 No.	Viburnum opulus 'Sterile'	3L	Counted
Total :137 No.			

Herbaceous			
Number	Species	Pot Size	Density
100 No.	Bergenia 'Purpurea'	2L	6/m²
148 No.	Euphorbia amy. robbiae	2L	6/m²
126 No.	Geranium 'Johnson's Blue'	2L	6/m²
16 No.	Geranium mac. 'Ingwersen's Variety'	2L	6/m²
77 No.	Geranium mac. 'White-Ness'	2L	6/m²
Total :467 No.			

DT01 - Gravel strip
Scale 1:20

Key
SF Soft Landscaping

Existing vegetation to be retained

Ornamental bed planting

Spot planting

Proposed tree extra heavy standard 14-16cm girth

Proposed wildflower seed

Key
SF Hard Landscaping

Gravel - see DT01

FOR INFORMATION

Rev.	Date	Comments	Drawn	Chkd
-	-	-	-	-

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Project
Capitol Park - Phase 2

Title
Landscape Proposals

Project No.	Drawing No.	Rev.
SF 2925	LL01	-

Scale	Date
1:250 @ A1	13.05.19

Drawn by	Checked by
TM	MS

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